http://www.franklincollege.edu/catalog

Franklin, IN

FRANKLIN COLLEGE

Franklin College
101 Branigin Boulevard
46131-2623
317.738.8000
FranklinCollege.edu/catalog

VERSION 17 September 2026

Table of Contents

College Mission, Vision, and Values and Introduction 3
Admission Policies 5
Expenses and Financial Policies 9
Financial Aid Policies and Scholarships 15
Student Life 28
Academic Policies and Procedures 35
Cooperative Programs 60
Global Education Programs 62
The Curriculum 64
Degree Requirements 65
Liberal Arts 66
Immersive Term & Scaffolded Undergraduate Research 74
Integrated Professional Development 77
Academic Success & Opportunity Program 81
Accounting 82
Art 87
Biology 102
Business 118
Chemistry & Physics 132
Computing 149
Data Science 160
Digital Fluency Endorsement 163
Economics 165
Education 173
Engineering 184
English & Creative Writing 186
Exercise Science 197
French 212
History 218
Individualized Major 226
Leadership Studies Program 228
Mathematics 233
Medical Laboratory Science 245
Multimedia Journalism 247
Music 254
Neuroscience 266
Nursing 269
Philosophy 271
Political Science 277
Pre-Law Curriculum 286
Project Management Certificate 288
Psychology 289
Public Health 299
Public Relations 301
Religion 308
Sociology 314
Spanish 322
Sports Communication 329
Theatre 335
Women's Studies Program 341
Graduate Policies and Programs 342
Master of Science in Athletic Training 346
Master of Science in Physician Assistant Studies 359
Academic Calendar 377
People 378
College's Contact Information 387
Index 388

Introduction

Welcome Grizzlies!

Founded in 1834, Franklin College is a liberal arts and sciences institution 20 miles south of downtown Indianapolis. Our campus spans approximately 170 acres, including athletic fields, a 31-acre biology woodland and a 29-acre biological field station. Franklin was the first college in Indiana to become coeducational with the admission of women in 1842.

We cherish our heritage as enthusiastically as our continual progress. Our commitment to excellence and success in mission are exemplified through student and alumni achievements. Our legacy and spirit of tradition are matched only by our pursuit of innovation.

Today, we offer a wide array of undergraduate majors as well as master's degree programs in Physician Assistant Studies and Athletic Training. The unique curriculum merges classroom instruction with immersive experiences, research opportunities, study-away programs and a focus on digital fluency. Our goal is to prepare career-ready graduates for today's global professions and those of the future.

Our small classes allow professors to work closely with students, enabling them to thrive through mentorship and a balance of academic challenge and support. Professors inspire students to think critically and perform confidently. *U.S. News and World Report* has recognized Franklin College as the highest ranked institution in Indiana for enabling social mobility, literally changing the trajectory of students' lives.

Franklin students participate in a vibrant co-curriculum that includes 21 NCAA Division III men's and women's intercollegiate sports, Greek life, esports, intramural sports, cheerleading, musical and theatre productions and more than 40 student organizations.

For more information, visit **FranklinCollege.edu**. Find **Franklin College** on Facebook, follow **@FranklinCollege** on X, and watch **FranklinCollegeGrizzlies** on Tik Tok.

And GO GRIZ!

MISSION

Franklin College empowers students through an experiential education, grounded in the liberal arts and sciences, promoting impactful careers and meaningful lives.

VISION

Franklin College envisions a vibrant, inclusive learning community fueled by transformative experiences and innovative partnerships.

VALUES

Franklin College upholds a common set of values that enhances the community and sustains personal, spiritual, intellectual, and professional growth for a lifetime. We value:

People of **INTEGRITY** who exhibit

- honest and ethical conduct and speech

- responsibility in personal, academic, and professional lives

Commitment to **INCLUSIVITY** that honors

- all forms of diversity
- the dignity of self and others
- empathy, sincerity, and openness

Culture of **INTELLECTUAL CURIOSITY** that promotes

- deep reflection about knowledge, beliefs, and ideas
- the ability to recognize, formulate, and ask discerning questions
- independent thinking

Drive for **INNOVATION** and **CREATIVITY** that encourages

- a willingness to take risks
- adaptability to an ever-changing world
- the ability to solve complex problems

Spirit of **COMMUNITY** that fosters

- a collaborative environment that is responsive to the needs of others
- a supportive, service-minded network
- respect for the personal beliefs, faiths, and convictions that give purpose and meaning to our lives

ACCREDITATION

Franklin College is accredited by the Higher Learning Commission of the North Central Association (30 North LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504, Telephone: 1-800-621-7440), the Indiana Department of Education, and the Commission on Accreditation of Athletic Training Education. In addition, the college maintains memberships in numerous other professional associations for the purpose of upholding standards of educational excellence.

NON-DISCRIMINATION

It is the policy of Franklin College that all opportunities are to be made available on the basis of merit and without discrimination against any employee, applicant for employment, student, or applicant for admission because of race, color, religion, gender, disability, age, national origin, or sexual orientation. Grievances should be submitted to the equal opportunity officer.

Founded in 1834, Franklin College is the 102nd oldest institution of higher education in the U.S. and the first in Indiana to admit women. Generations of graduates have made positive contributions to their families, their communities, and their careers, as well as to the nation and the world.

Purpose of the Catalog

The material contained in the Course Catalog is for information only and does not constitute a contract between the student and the college. The catalog provides an overview of course offerings and content. **It is not the official list of offerings for any given term** (fall semester, immersive term, spring semester, or summer terms). Students should consult the online schedule of classes for specific term(s) for which they wish to register.

The college and its various units reserve the right to revise, amend, alter, and change from time to time its policies, rules, regulations, and financial charges including those related to admission, instruction, registration, and graduation. The college reserves the right to withdraw curricula and specific courses, alter course content, change the calendar, and withdraw or change programs and majors offered by the college.

Admission Policies

Franklin College seeks students who demonstrate intellectual ability and seriousness of purpose. To this end, the admissions office and the admissions committee evaluate each applicant's academic record, standardized test scores (if submitted), recommendations, essay, school and community activities and personal information supplied by the student. In keeping with our mission statement, applicants for admission to the college are individually and holistically considered. All students, regardless of residency or prior academic record, may submit their application with or without test scores. Applying under the test-optional policy will not affect admissions consideration or the merit aid awarded. While the college does not require a prescribed set of high school subjects, a typical student will have completed a college preparatory program with good quality of achievement. A typical college preparatory program would ordinarily include four years of English, three to four years of mathematics, two or more years of lab science courses, three years of social sciences and electives to meet graduation requirements. Foreign language is strongly recommended. Students entering Franklin College are required to take two semesters of foreign language unless they test out on Franklin College placement examinations.

Traditional incoming first-year students - The following documents are **required** in order to be considered for admission to Franklin College:

1. The completed application for admission submitted in either online via the Franklin College Application or the Common Application.
2. An official secondary school transcript

The following documents are **recommended** for admission (both available online as part of the Franklin College Application for Admission and as part of the Common Application):

1. SAT or ACT scores
2. Guidance Counselor Recommendation Form
3. Personal Statement or Written Essay
4. Resume
5. Letter(s) of Recommendation

General Education Diploma (GED) or High School Equivalency Diploma- If an applicant has not earned a diploma from a secondary program, an HSE or GED is required. The academic areas of the examination are reviewed in light of the general requirements for admission.

Admitted first-year students must submit a $200 enrollment deposit to secure their position in the incoming class. The enrollment deposit is refundable prior to May 1st.

Immersive Term enrollment – Franklin College's preference is for students to start in the Fall or Spring semester. However, students may begin in Immersive Term if necessary. **The deadline for receipt of all statements and applications for admission during Immersive Term will be no later than December 15th.**

Spring Semester enrollment – All **previously enrolled students** who are interested in reapplying for admission and all **new students** who are interested in applying for admission to Franklin College during the Spring semester must submit their applications to the Franklin College Office of Admissions. **The deadline for receipt of all applications for readmission and admission will be no later than January 22th.**

Transfer students – The transfer student application for admission must be submitted online via the Franklin College Application. Admission decisions regarding transferring students are based upon the academic record at the post-secondary institution(s) and the secondary school. In some cases, a transfer student may not be required to submit a transcript for his/her secondary school if the student's college GPA meets the admissions committee standard.

Students transferring to Franklin College must be in good standing both academically, socially and financially with their previous institution.

Full-time transfer admission is generally reserved for students:

- who have attended another institution after high school graduation
- who have earned 12 or more transferable hours of 100-level courses or higher from another accredited institution (where the accrediting body is recognized by the Council for Higher Education and the US Department of Education) after high school graduation, with an overall grade average of C or higher.

Transfer students who intend to enroll at the college must submit a $200 enrollment deposit to the Office of Admissions, which is refundable prior to May 1st.

Franklin College Transfer Credit Evaluation Policy

Franklin College will accept undergraduate transfer course work, credits by examination, and other non-traditional credits presuming the following:

- Transfer courses were completed at an accredited institution (where the accrediting body is recognized by the Council for Higher Education and the US Department of Education)
- The coursework is substantively equivalent to Franklin College coursework
- Proper, timely documentation is provided in the form of official transcripts, test scores, or the equivalent
- The grade awarded is equivalent to C- (1.67 on 4.00 scale) or above, or test score is equivalent to the requirement as outlined in the Academic Course Catalog
- Students must complete at least 48 credit hours at Franklin College to be awarded a degree
- Franklin College may award a maximum of 16 credit hours for documented armed forces credit
- Franklin College may award a maximum of 16 credit hours for documented nontraditional training or courses

Those students participating in an articulation agreement with Franklin College should refer to the guidelines of the specific agreement regarding transferability of credit hours and course equivalencies. Agreements are located in the Academic Records Office.

For complete guidelines regarding transfer work, please consult the Academic Records Office.

International students – International students typically should meet the same requirements for admission as other students; however, flexibility is incorporated purposely to allow for cultural and educational differences among the many countries represented by international applicants. As is the case for all students, strong emphasis is placed on strength of the academic record of secondary and, if applicable, previous college or university academic achievement. All international students are required to complete an admissions interview with the Office of Admissions prior to reviewing the applicant for an admission decision.

In addition, international students are required to submit proof of English proficiency. Students may demonstrate English proficiency by passing the Test of English as a Foreign Language (TOEFL), the International English Language Testing System (IELTS), or another approved examination. A TOEFL score of 79 iBT or higher or an IELTS score of 6.5 or above or Duolingo score of 105 or above is a minimal guideline for English proficiency. This examination requirement may be waived for students who have successfully completed substantial coursework in English-medium high schools or universities or for students who have satisfactorily completed approved English language programs such as Interglobal or ELS centers. For more information regarding English proficiency requirements at Franklin College, please contact the Office of Admissions.

Finally, financial documentation must be submitted by the applicant and/or sponsor in order for an I-20 to be issued by Franklin College. International students who intend to enroll must submit a $500 enrollment deposit and exchange students who intend to enroll must submit a $500 enrollment deposit.

Readmission to Franklin College The readmit application applies to students who previously attended Franklin College and withdrew at any point during their time at the college. Any Franklin College student who withdraws or does not continue consecutive semester enrollment must apply for readmission and be readmitted to the college in order to enroll in any classes**.**

1. Previously enrolled students from a prior semester who are interested in reapplying for admission to Franklin College must submit their application for readmission to the Franklin College Office of Admissions. Students seeking readmission need to complete the Readmit application at application-for-readmission_FNL_fillable.pdf. **The deadline for receipt of applications for readmission will be no later than one month prior to the beginning of classes for that semester or term.**
2. A student who withdraws from the College in the current semester and wishes to re-enroll in the next subsequent semester is not required to fill out a new application. The student must inform the Office of Admissions of his or her intent to re-enroll.
3. Prior to official readmission by the Office of Admissions, the Office of Student Development, Academic Records Office, and Business Office must agree to the re-admittance.
4. Policies of the academic catalog:
    - If a student who has not been at the college for 1 (one) semester is granted readmission, the student can remain under his/her original academic catalog.
    - If a student who has not been at the college for 2 (two) or more semesters is granted readmission, the student will be under the academic catalog in current use.
5. If a student is readmitted after academic suspension, the student returns on academic probation and all the policies of the current academic catalog will apply automatically.
6. If a student is readmitted after being placed on academic probation, the student returns on academic probation and all the polices of the current academic catalog will apply automatically.
7. All students including those who attended another college(s) during their time away from Franklin College are required to submit all official college transcript(s), a statement outlining reason(s) for returning to the college, and a Transfer Student Recommendation Form(s) as part of the readmission process.
8. Students who have been gone more than one semester must submit a $200 enrollment deposit to the Office of Admission to confirm their intent to re-enroll. Students will not be permitted to register for courses until their enrollment deposit is received.

No previously enrolled student who has outstanding financial obligations to Franklin College will be readmitted until such obligations have been satisfied.

Visiting Students/Part-time Non-Degree Seeking Applicants Students who are currently enrolled full time at another institution and wish to take a limited number of courses at Franklin during the summer or at a time when they are not enrolled, should complete the Part Time Non/Degree Seeking Application. This application has no fee and is only available online at Franklin College Non-Degree Application. The application should be submitted with high school and/or college transcripts. A $200 enrollment deposit must be submitted to the Office of Admissions to register for courses. This deposit will go into a student account and be debited from the cost of the course(s).

Personal Enrichment for the Mature Student - Local residents 65 years and older may enroll in courses as a non-degree seeking student. Interested residents should complete the Part-Time Non-Degree Seeking application available online at Franklin College Non-Degree Application and submit the application to the Office of Admissions. The cost per semester is $25 (except for summer school).

Franklin College Employees – Employees who are interested in courses for personal enrichment should complete the Employee Course registration form available at the Office of Employee Resources. Employees seeking academic credit should complete the Part-Time Non-Degree Seeking application at Franklin College Non-Degree Application, and submit with high school and/or college transcripts for review by the Office of Admissions.

Running Start – This program offers qualified high school and home school students who are junior-level status or higher the opportunity to take freshman-level courses in English, math, humanities, and social and natural sciences. Students will receive college credit for these courses which can be applied toward a Franklin College degree or as transfer credit to any other college or university. Interested students can complete a Running Start application at Franklin College Running Start Application. Follow the directions to submit your application and pay the $40 application fee. You must also contact your guidance counselor or home school advisor to complete the recommendation and send a copy of your high school transcript to the Office of Admissions. The cost per course is $480. Running Start students may enroll in summer courses but published Franklin College summer course rates will apply and no discount will be given.

If there are any questions or if additional information is needed, contact:

Office of Admissions
Franklin College
101 Branigin Boulevard
Franklin, Indiana 46131-2598
(317)738-8075
(800)852-6471
http://www.franklincollege.edu

Franklin College is a member of the National Association of College Admission Counselors and subscribes to its Code of Ethics and Professional Practices.

Expenses and Financial Policies 2026-2027

Regular Full-time Student (12 or more hours per semester)

- Tuition Deposit $200
- International Student Deposit $500
- Tuition (12 to 20 hours per semester) $40,230
- Immersive Term Tuition (for students starting in Immersive Term) $495
- Room:
  - Basic Occupancy $7,340
  - Double as a Single Occupancy $9,740
  - Cancellation of housing contract after June 1 ..... $500
  - Cancellation of housing contract after occupancy $1,835
  - Immersive Term (for students starting in Immersive Term) $615
- Board:
  - Comprehensive Meal Plan (excluding Immersive Term) $5,520
  - 14 Block Meal Plan (excluding Immersive Term) $5,360
  - Limited 10 Block Meal Plan (excluding Immersive Term) $4,860
  - Griz 5 Meal Plan $580
  - Griz 50 Meal Plan $490
  - Immersive Term $535
- Student Activity Fee $200
- Student Services Fee $850
- Extra Hours Fee per Credit (over 20) $495

Part-time Student

- Tuition per Credit Hour
  - 4 Credit Hours or Less $585
  - 5-11 Credit Hours $1,480
- Student Activity Fee per Credit Hour
  - 4 Credit Hours or Less $0
  - 5 - 11 Credit Hours $8
- Student Services Fee per Credit Hour
  - 4 Credit Hours or Less $0
  - 5-11 Credit Hours $35
- Post-Graduate Activity Credit Tuition per Credit
  - Activity Credit $500
- Activity Credit Course Fees as noted in “Other Educational Fees” below will still apply

Summer School (Summer of 2026) (Pricing subject to change)

- Tuition per Credit Hour $300
- Tuition for Summer Internships (minimum 2 credit hours required)
  - 2-4 Credit Hours $500
  - 5-8 Credit Hours $1,000
- Room, Double Occupancy
  - Summer I (June 1-July 2) $400
  - Summer II (July 8-August 7) $400
- Intersession Housing
  - Intersession I - May/June $130
  - Intersession II – July $0
  - Intersession III – August $240

Other Educational Fees

High School Advanced Program / Running Start:
Tuition per Course (maximum of two courses $480
Audit Fee (per course, max of two courses per semester) $205

Mature Students Registration Fee per Semester $25
Tuition - free for age 65 or over for a regular on-campus course
Private Music Lessons (per course plus normal tuition charge) $250

Expenses Continued: Prices subject to change

ART 130 2D Foundations (nonrefundable $65
ART 135 3D Foundations (nonrefundable) $100
ART 140 Graphic Design I (nonrefundable) $10
ART 240, ART 345, & ART 445 Graphic Design II-IV (nonrefundable) $20
ART 160 & ART 260 Drawing I & II (nonrefundable) $60
ART 170 Painting I (nonrefundable) $125
ART 270, 370, 470 Painting II-IV (nonrefundable) $50
ART 175, 275, 375, 475 Ceramics I-IV (nonrefundable) $100
ART/MMJ/PRL/SPR 190, ART 290, ART 390, ART 395 Digital Fine Art Photography I-IV (nonrefundable) $20
BIO Lab Courses (BIO 134L, 140L, 210, 215, 221, 230, 240, 322, 335, 350, 360, 373) $50
CHE Lab Courses (CHE 123, 124, 223, 224, 227) $50
CWR 280/380 Poetry I-II $15
Elementary Education Course Fee (EDE 124, EDE 225, EDE 230, EDE 235, EDE 330, EDE 336, EDE 337, EDE 344, EDE 345, EDE 346, EDE 366, EDE 367, EDE 443, EDE 444, EDE 456, EDE 457) $30
EDE/EDU 401 CPR/AED/Heimlich Certification for Education Majors $35
EDU 210 Educational Philosophy, Law, & Ethics $50
EFE 284, EFE 384, EFE 385, EFE 484, INE 200, INE 300, INE 400 ..... $50
EST 489 (Student Teaching Fees) ..... $50 plus $500 (as noted below)
EXE 222 First Aid and CPR/AED for the Professional Rescuer $45
FRE 111, 210, 211, 314, 315, 331, 332, 334, 340 ..... $30
PED 004 Activity Credit –Bowling $72
PED 004 Activity Credit—Golf $50
PED 110 Lifeguard Training $50
PED 115 Officiating in Volleyball (fee also covers PED 116) $50
PED 116 Officiating in Basketball (fee also covers PED 115) $50
PDP 200 Preparing for Your Internship $25
PHY Lab Courses (PHY 203, PHY 204) $50
POL 275 Law & Politics in American Society $200
SPA 111 Elementary Spanish II $30
SPA 210 Intermediate Spanish I $30
SPA 211 Intermediate Spanish II $30
SPA 312 Pronunciation for Communication $60
SPA 315 Advanced Grammar and Composition $30
THE 235 Scenic Painting (nonrefundable) $100
THE 236 Production Design (nonrefundable) $50
Student Teaching Fee (EST 489) $500
Drop or Postpone Education Field Placement $50
Drop or Postpone Student Teaching Placement $100
Immersive Term Course Fee $100

Immersive Term International Travel Course $4,500
Study Abroad Semester FC Fee $1,000

Other Institutional Fees

Parking Permit - Per Year $50
Parking Permit - Per Semester $30
Replacement of a lost or damaged and returned ID card..... $15
Replacement of Mailbox Key $30

Parking Fines per Violation (Accumulated Over Career)

Fines range from a warning to $50. Please refer to the Franklin College Security Office for detailed information regarding vehicular regulations and violations.

Amount of fees are subject to change annually. Other fees may be incurred based on course enrollment. Additional fees not listed may be implemented.

Billing and Payment of Charges

All student billings and payments are administered through an online portal. **The College does not send account activity statements. All account activity will ONLY be available online.** Tuition, room and board, and fee charges are assessed by the college on an academic year basis. However, charges are payable on a semester schedule. The fall semester is due on August 15th and the spring semester is due January 15th each year. Students who arrive on campus with a balance after the due date and no arrangements made for payment of the balance may have their class registration dropped until a payment schedule is arranged with the business office (317-738-8033).

GI Bill® Recipients

("GI Bill®" is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by the VA is available at the official U.S. government Web site at: http://www.benefits.va.gov/gibill.)

Students entitled to GI Bill® benefits under Chapter 31 or 33 may participate in the course of education during the period beginning on the date on which they provide a Certificate of Eligibility or Statement of Benefits obtained from the Department of Veterans Affairs (VA) and ending on the earlier of the following dates: The date on which payment from the VA is made to the college, or 90 days after the date the institution certified tuition and fees following the receipt of the Certificate of Eligibility. The college will not impose any penalty, including late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the college due to the delayed disbursement funding from VA under Chapter 31 or 33.

Running Start Program

Specially qualified high school students may be admitted as part-time students under the Running Start Program. Running Start students are charged $480 per course. A student may take no more than two courses per semester.

Mature Students

Tuition is free for students age 65 or older. Mature students are charged a $25 registration fee each semester. There is a maximum of 2 classes per semester.

Financial Clearance

Students will be denied registration privileges and housing applications if a balance is owed to the college in an amount greater than $500 as of the date for these activities. On August 15 and January 15, students owing an amount greater than $500 may be dropped from class schedules and housing assignments. No student will be granted a diploma, academic transcript, or financial aid transcript until financial obligations to the college have been

satisfied. Delinquent bills for any recognized campus organization may result in withholding a student's transcript, diploma, or registration.

Financial Responsibility Agreement
This policy requires all students to complete our financial responsibility agreement each semester prior to enrollment. This agreement outlines the student's commitment to pay ALL expenses incurred at the college (including any penalties that result due to past due payments). This requirement must be completed prior to enrollment. You can access this policy at https://franklincollege.edu/about/key-offices/business-office/ or https://franklincollege.edu/wp-content/uploads/2023/10/Detail-Financial-Responsibility-Agreement-Rev.-6-15-22.pdf as a PDF.

Reduction of Fees
Franklin College reserves the right to change the manner of delivery of instruction and/or course content as necessitated by health and safety considerations, public health directives or guidance, and other causes outside the control of the College, in the College's sole discretion. Franklin College will not provide whole or partial refunds of tuition for any course which changes in the manner of delivery of instruction or content during the course, as stated above.

Registration constitutes a contractual agreement between the college and the student. If a student withdraws from all classes or reduces the number of hours carried, he or she **may** be entitled to a reduction in tuition, room, board, and other charges. Adjustments are based on the date of official withdrawal as recognized by the Vice President for Student Development & Dean of Students. The Fee Reduction policy is subject to change annually.

Proper withdrawal papers must be submitted to the Dean of Student Success. If withdrawal becomes necessary, please contact the Dean of Student Success for more information and to set up an exit interview. Students who are dismissed, suspended, or withdrawn for disciplinary reasons or excessive absences by the college are not entitled to fee reductions. Students who fail to observe withdrawal regulations may place their eligibility for refunds in jeopardy.

In order to withdraw and receive a fee reduction of school charges, a student must comply with four withdrawal requirements. The student must:

1. Complete appropriate withdrawal process through the Center for Student Success.
2. Receive confirmation of withdrawal from the Vice President of Student Development & Dean of Students.
3. Clear all financial accounts through the Business Office.
4. Report to the Office of Financial Aid if the student received any financial aid (scholarships, grant, work, or loan).

Calculation of Fee Reductions

Fall and Spring Semesters
When a student has withdrawn from the college and is eligible for a fee reduction for fall or spring semesters, the **tuition** charges will be adjusted according to following table:

Prior to or on the first day of classes, 100%
After the first day, during the first week of classes, 90%
During the second week of classes, 75%
During the third week of classes, 60%
During the fourth week of classes, 45%
During the fifth week of classes, 30%
No refund is given after the fifth week of classes

5 Week or More Courses (up to, but not including, semester-long courses)
When a student has withdrawn from the college and is eligible for a fee reduction for courses that are 5 weeks or more, up to, but not including, semester-long courses), the **tuition** charges will be adjusted according to following table:

Prior to or on the first day of classes, 100%
After the first day, during the first week of classes, 80%
During the second week of classes, 60%
During the third week of classes, 40%
No refund is given after the third week of classes

Students who reduce their enrollment from full-time to part-time (less than 12 hours per semester) **through the last day to drop a course** may be eligible for a fee reduction based on the difference between full-time and part-time tuition charges. **Students must be aware that a change to part-time status may put their athletic, housing, and financial aid eligibility in jeopardy.**

Immersive Term
Board reductions will be calculated on a pro-rata basis of Immersive Term charges. As there is no additional charge for immersive term room for those students enrolled full time in the fall semester, no fee reduction applies. No reduction of tuition or room is made for those students not enrolled in immersive term or who reside off campus during immersive term.

Summer School
When a student is eligible for a fee reduction for summer school, the **tuition** and **room** charges will be adjusted according to following table:

Prior to or on the second day of classes, 100.0%
After the second day, during the first week of classes, 50.0%
No fee reductions will be given after the first week of classes.

Refunds and Returns
When a student has withdrawn from the college, a recalculation of any Federal, State and Institutional aid must be conducted to determine the amount of aid a student is eligible to retain. Return of funds will be issued to Federal and State financial aid sources first and then to Institutional sources. If a credit of aid retained remains only then will a refund be issued to the student. Refund calculations will be completed within *30* days of recognized withdrawal date.

Housing contracts may be terminated without penalty by the student if written notification is received by the Department of Residence Life on or before June 1st. Termination of the contract for any reason after June 1st but prior to occupancy will result in a $500 cancellation fee*. Cancellation of the housing contract after a student has occupied the room may receive a fee reduction for their room costs in accordance with the fee reduction schedule.

When a student is eligible for a fee reduction for the fall or spring semester, **the room and/or board charges** will be adjusted according to the following table:

Prior to or on the first day of classes	100.0%
After the first day, during the first week of classes	93.5%
During the second week of classes	87.0%
During the third week of classes	80.5%
During the fourth week of classes	74.0%
During the fifth week of classes	67.5%
During the sixth week of classes	61.0%
During the seventh week of classes	54.5%

During the eighth week of classes 48.0%

No fee reduction is given after the eighth week of classes for room & board.

*Students who withdraw prior to the start of the semester will not be assessed a cancellation fee.

Please note: The On-campus housing contract is for the entire academic year (August – May). If a student moves out of their assignment, without consulting the Office of Residence Life, they will forfeit all housing charges (August – May) resulting in a 0% refund.

Students who are removed from housing for student conduct violations will forfeit the remainder of their housing charges for the term.

Students who are released from their housing contract between the conclusion of the fall and beginning of Spring term will be subject to a $1,500 cancellation fee.

Non-Refundable Charges include activity fee, student services fee, late registration/payment fee, payment arrangement fee, private music lessons, art and theatre course fees, parking annual permit, audit fees, Running Start fees, room cancellation fee, study abroad cost, student teaching course fee, and Immersive Term travel.

Financial Aid Policies

Financial aid is defined as any financial resource used to pay for college expenses; this may include but is not limited to grants, scholarships, student loans and federal workstudy funding. It is not always possible to assist all eligible applicants to the full amount of financial need. Financial aid can be received from several sources (Franklin College, federal, state, and/or external awards) and must be coordinated by the Office of Financial Aid to ensure that total aid received does not exceed regulatory limits. Students and parents should contact the Office of Financial Aid with any questions regarding the aid application or awarding process.

General Financial Aid Information

Institutional Scholarship and Grant Assistance for Undergraduate Students
Franklin College offers a wide variety of scholarships and grants to qualified students. Most scholarships are based on academic achievement while most grants are based on financial need. Most undergraduate students are considered for scholarships upon admission to the college.

Enrollment–Students must be enrolled full-time (12 hours or more each semester) to be considered for Franklin College grants and scholarships, maximum State of Indiana grants, and maximum Federal Pell Grants. Part-time students (six to 11 hours) may only qualify for Federal grants and student loans. Students applying for financial aid by April 15 of each year will receive full consideration for all forms of financial assistance. Some scholarships, as noted, may require a separate application with an earlier deadline.

Application–The Free Application for Federal Student Aid (FAFSA) is required for all aid beyond a merit scholarship or tuition remission. The FAFSA can be filed at www.studentaid.gov and should be submitted by April 15 for each year that financial assistance is requested. Students filing the FAFSA after April 15 will not be considered for State of Indiana grant assistance, but will be considered for federal and institutional funding.

Adjustment to Financial Assistance–A financial aid award may be reviewed and adjusted at any time during the academic year contingent upon federal and state regulations. Students should promptly report family financial changes to the Office of Financial Aid. Students are required to report all financial aid received from external funding sources.

Financial Aid for Study Abroad–Students are invited to apply for study abroad assistance through the Office of Global Education. With the assistance of generous donors, Franklin College has established scholarships specifically for international travel. Additional information regarding specific scholarships available for international travel follows.

Satisfactory Academic Progress (SAP)–Students must make satisfactory progress toward graduation each academic year to be eligible to receive additional financial assistance for the following academic year. Detailed SAP policies for the Bachelor of Arts, Master of Science in Athletic Training, and Master of Science in Physician Assistant Studies can be found at the end of this section of the catalog.

Scholarships for Travel Abroad

Raymond D. and Enid McCaslin Kelly Fund This fund was established in order to encourage Franklin College students to participate in educationally related travel experiences. Awards are used to underwrite airline expenses associated with official student travel. Students participating in semester-long study-abroad programs will be given first consideration, followed by those participating in a minimum three-week internship or study program through

Franklin College. Participation in immersive-term travel, as well as other travel programs will only be considered if there are an insufficient number of qualified candidates for the first two types of program.

Selection Criteria

1. Student must be enrolled full time at Franklin College.
2. Student must be participating in a Franklin College-sponsored domestic or international travel experience.

David M. Davidsen Memorial Scholarship This scholarship will provide funds for Franklin College students to study abroad to promote cultural understanding and to help students become active and responsible members of the global community. The scholarship will provide a stipend to one or more deserving students who meet the criteria outlined below.

Selection Criteria

1. Franklin College sophomore or junior (when undertaking the program).
2. GPA requirement of 3.00.
3. Participating in a semester-long study-abroad program through Franklin College, or a summer study-abroad program that lasts at least 10 weeks.
4. Students must complete the study-abroad program before commencing their senior year at the College.

Jay and Susan DeVoss Endowed Scholarship for International Travel This scholarship provides income for students engaged in a study abroad experience through Franklin College. The scholarship will be awarded to a new applicant each year and, in particular, to those participating in a semester-long study abroad program, a summer study abroad program, or an Immersive Term study abroad program, in that order.

Selection Criteria

1. Students must complete the study-abroad program before commencing their senior year at Franklin College.
2. The recipient must meet full-time enrollment requirements at Franklin College.
3. Preference will be given to students with demonstrated financial need.
4. Preference will be given to students participating in a formal study-abroad experience at Franklin College.
5. Preference will be given to students who graduated from high schools in Adams, Allen and Johnson counties.

Intercultural Honors Experience (IHE) Students accepted into the IHE and who satisfy the requirements of the program (participation in required course activities and receipt of at least a B in the IHE spring seminar) are eligible to apply for scholarship funds to study abroad. The amount of the award will depend on the choice of program, student's financial need, and quality of the application. Students must complete one semester at Franklin College following their semester abroad.

Selection Criteria for the IHE

1. Current Franklin College first-year student, sophomore or junior.
2. Minimum GPA of 3.00.
3. Application, essay, written exam, and interview.

Branigin Foundation Endowed Scholarship This scholarship is for entering students to help fund their education at Franklin College. Branigin Scholars are guaranteed a scholarship to study abroad. In years where funds are available, other upper-class students with majors and interests in Business, Modern Languages, and other international areas may apply for the scholarship. Branigin scholars may use the funds for an immersive-term or semester study-abroad program.

Selection Criteria

1. Business majors with an international emphasis (international business, modern languages, international relations, etc.)
2. Minimum GPA of 2.5

Leonard Foreign Language Travel Endowed Award This scholarship is designed to promote cultural understanding and foreign language fluency, and to engage Franklin College language majors and minors in countries where their target language is spoken. The scholarship will provide a stipend to one or more deserving students for a study abroad opportunity which will cover transportation and lodging costs.

Selection Criteria

1. French and Spanish majors and minors.
2. GPA requirement of 3.00.
3. Preference will be given to students with at least sophomore standing.
4. Students must be traveling to a country where their language of study is spoken.

Scholarship for Immersive Term Travel only:

The Sonya Baker-Hallett Tri Delta Scholarship Fund Established by a Franklin College Tri Delta alumna to fund one-time scholarships to Tri Deltas who exemplify the organization's mission of advancing women's education and philanthropy.

Selection Criteria

Preference will be given to Tri Deltas who:

1. are involved with philanthropy or community service;
2. are taking advantage of FC's travel programs;
3. have a minimum GPA of 3.00;
4. have residential ties to Johnson, Marion, or Clark counties.

Scholarship for Summer Travel only:

Bridges Travel Prize Established by Bill and Lynn Bridges to fund a summer trip for Franklin College students majoring in both journalism and a foreign language. Students are expected to undertake study opportunities, and spend the majority of the time in a country where their language specialties are spoken.

Selection Criteria

1. Must be a junior by February of the year the prize is to be used
2. Must have a 3.0 GPA in each major

Federal Assistance Programs

Federal Pell Grant–All students are considered for this federal grant by filing the FAFSA. Eligibility is based on federal need analysis criteria.

Federal Supplemental Educational Opportunity Grant–Federal Pell Grant recipients receive first priority for this federal grant awarded through Franklin College.

Federal College Workstudy–This is an employment program that is jointly funded by the federal government and Franklin College. Eligible students must have financial need and work on-campus or at an approved off-campus site for approximately 5-20 hours per week.

Direct Subsidized Loan–This is a loan program is funded by the federal government. It is a fixed rate program (interest rates set annually by the U.S. DOE) to assist students with financial need as demonstrated by the FAFSA. The interest is paid by the federal government while the student is enrolled, and repayment begins six months after graduation, withdrawal, or with enrollment of less than 6 credit hours. An estimated 1% fee is deducted from each loan prior to disbursement. First time borrowers must complete loan entrance counseling and a Master Promissory Note (MPN) at www.studentaid.gov.

Direct Unsubsidized Loan–This is a loan program that is funded by the federal government. It is a fixed rate program to assist students who may or may not demonstrate financial need. Unlike the Direct Subsidized Loan, the interest accrued from the Direct Unsubsidized Loan is not paid by the federal government. An estimated 1% fee is deducted from each loan prior to disbursement. First time borrowers must complete loan entrance counseling and a Mater Promissory Note (MPN) at www.studentaid.gov.

Direct Parent PLUS Loan–Parents who wish to borrow to help finance their student's education may apply for this loan option. The interest rate is fixed and established annually by the U.S. DOE. Interest accrual will begin within 60 days of funds disbursement. Repayment may begin while the student is enrolled; however, the borrower may also request loan deferment until after the student graduates, withdraws, or is enrolled in less than 6 credit hours. Financial need is not required. Fees are deducted from each loan prior to disbursement. Apply by going to www.studentaid.gov.

State of Indiana Assistance

The Indiana Commission for Higher Education (ICHE) awards need-based and non-need-based grant assistance to eligible Indiana residents.

Most awards are based on demonstrated financial need as determined by the results of the Free Application for Federal Student Aid (FAFSA) and the cost of attendance. All students must file the FAFSA by April 15 each year. Full-time enrollment is required to receive many of these grants.

The Commission for Higher Education also awards non-renewable Hoosier Scholar Awards to selected graduates of Indiana high schools. Recipients are selected by their respective high schools.

Students participating in the State of Indiana 21st Century Scholars Program are eligible to use their scholarship benefits at Franklin College. Award values are determined by the State of Indiana, and recipients must maintain eligibility for renewal based on State of Indiana criteria. Additional state assistance for minority (black or Hispanic) students seeking a career in education or any student planning to teach in a "high-need" field is available. Applications are available via https://www.in.gov/che/state-financial-aid/state-financial-aid-by-program/. Full-time enrollment is required to receive many of these awards.

Other Financial Aid

Campus Employment - Students work 5-20 hours per week in an office on campus. Franklin College funds this program for students.

Vocational Rehabilitation - This is funded by the State of Indiana, for students with disabilities, to help pay for educational expenses. Contact the local Indiana Vocational Rehabilitation Office for details.

Veterans Benefits – The Post-9/11 GI Bill® pays up to $29,920.95 (2025-2026) in undergraduate tuition and fees for those who qualify based on certification from the VA. Tuition benefits are paid directly to the institution.

Yellow Ribbon Program – Under this program Franklin College guarantees up to 50% of the remaining tuition after the Post 9/11 GI Bill® benefits. The other 50% is matched by the VA. These benefits are paid directly to the institution. Only individuals entitled to the maximum benefit rate (based on service requirements) may receive Yellow Ribbon funding.

Students will need to apply for VA benefits at www.gibill.va.gov. Eligible veterans should contact the veterans' counselor in the academic records office at Franklin College (phone 317-738-8018).

External Sources - Many financial aid funds provided by sponsors such as business, industry, labor unions, service clubs, etc., may be used at Franklin College. Contact high school guidance counselors for information.

Tuition Exchange - Franklin College participates in two tuition exchange programs: The Tuition Exchange Inc. and The Council of Independent Colleges Tuition Exchange Program. Participation is contingent on the employment of a parent at an institution which also participates in these programs. Awards are valued at up to full tuition, depending on the student's eligibility for other tuition-specific awards or entitlement funding. Students selected to receive awards will receive a participation agreement form that further defines the rights and responsibilities of a program participant.

Undergraduate Bachelor of Arts Degree – Satisfactory Academic Progress Standards and Procedures

To be eligible for Federal and/or Indiana State financial aid at Franklin College, a student must meet the Satisfactory Academic Progress (SAP) standards listed below. Federal regulations require that your entire Franklin College academic record be reviewed for SAP, including semesters in which you did not apply for or receive financial aid.

Satisfactory Academic Progress (SAP) Standards
A student's Satisfactory Academic Progress (SAP) status is assessed at the end of each academic year. For the purposes of SAP, the academic year begins with the Summer term (if applicable) and ends with the Spring term.

- Cumulative Grade Point Average (GPA) – Qualitative
    - Freshmen (0 - 26 credits)
        - cumulative GPA of 1.80 on a 4.00 scale
    - Sophomores (27-57 credits)
        - cumulative GPA of 1.90 on a 4.00 scale
    - Juniors/Seniors (58+ credits)
        - cumulative GPA of 2.00 on a 4.00 scale
- Completion Rate – Quantitative

- The total credit hours earned divided by the total credit hours attempted. A student may not fall below a 67% completion rate.
  - Courses completed with grades of A, B, C, and D count toward earned credit hours.
  - Courses completed with grades of F, W, I or any other grade that does not result in credit hours completed will not count in earned hours.

- Maximum Degree Completion (i.e. Duration)
  - A student must complete their degree program without having attempted more than 150% of the number of credits required for the degree.
    - Example: If a degree program requires 120 credit hours to complete, the student must complete the degree program without having attempted more than 180 credits (120 x 1.5 = 180).

Appeal for SAP Probationary Semester

Students who fail to meet the satisfactory academic progress standards at the end of the academic year are placed on suspension status under which Federal and Indiana State student aid eligibility is lost. A student may submit a SAP Appeal to the Director of Financial Aid for potential aid reinstatement.

The appeal must include the SAP Appeal Form and a signed personal statement. Supporting documentation may be requested by the Director of Financial Aid. Reasons that may be acceptable for an appeal may include but are not limited to: (1) serious illness or accident on the part of the student; (2) death, accident or serious illness in the immediate family; (3) change in academic program; and, (4) other extenuating circumstances.

The signed personal statement must include the following: (1.) the student's clear understanding of what SAP standard(s) they failed to meet, (2.) what circumstances led to them not meeting the standard(s), and (3) what has changed that will allow the student to restore their satisfactory academic progress standing after the SAP Probationary semester. Please note that merely filing a SAP appeal does NOT guarantee continued eligibility for Federal and/or Indiana State aid, as an appeal may be denied. Notification of the appeal results will take place within ten business days from the receipt of the appeal.

If an appeal is approved, the student will be placed on **SAP Probation** for one semester and an Academic Plan will be implemented to measure the student's progress during the probationary semester. For the probationary semester, the student will be considered eligible for Federal and/or Indiana State aid for which the student has applied. If an appeal is denied, the suspension decision is final for that semester. The student may re-establish eligibility for a subsequent semester by taking action that brings him or her into compliance with the SAP standards. Suspension from financial aid does not prevent students from enrolling without financial aid if they are otherwise eligible to continue their enrollment. The Office of Financial Aid will assess the student's academic progress at the conclusion of the SAP Probationary semester to determine if the student either meets the SAP standards OR has adhered to the terms and conditions of their academic plan. If the student meets all three of the SAP standards at the conclusion of the probationary semester, they meet SAP and are otherwise eligible for financial aid. If the student fails to meet all three of the SAP standards but has adhered to the terms and conditions of their academic plan, their SAP Probation status will be extended into the next term of enrollment and the student will maintain financial aid eligibility. The Office of Financial Aid will assess the student's academic progress at the conclusion of the following SAP Probationary semester to determine if the student either met the SAP standards OR has continued to adhere to the terms and conditions of their academic plan, etc. If the student fails to meet all three of the SAP standards at the conclusion of the probationary semester and has failed to adhere to the terms and conditions of their academic plan, the student's financial aid will be immediately terminated. The student may be given the chance to appeal, at the discretion of the Director of Financial Aid, but only if the student experienced new unusual circumstances not expressed in their initial appeal.

Regaining Eligibility

Students who failed to meet these Satisfactory Academic Progress standards and who choose to enroll without benefit of student financial aid may request a review of their academic record after any term in which they are enrolled without the receipt of financial aid. If the standards are met at the time of review, eligibility may be regained for subsequent terms of enrollment in the academic year.

Grading, GPA, and correlation to SAP standards

The college employs the following grading system, based on a 4.00 grading scale:

Letter Grade	Description	GPA	SAP Correlation
A	Exceptional, excellent in all respects	4.00	Qualitative/Quantitative
A-		3.67	Qualitative/Quantitative
B+		3.33	Qualitative/Quantitative
B	Good	3.00	Qualitative/Quantitative
B-		2.67	Qualitative/Quantitative
C+		2.33	Qualitative/Quantitative
C	Satisfactory	2.00	Qualitative/Quantitative
C-		1.67	Qualitative/Quantitative
D+		1.33	Qualitative/Quantitative
D	Passing, but unsatisfactory in some important respects	1.00	Qualitative/Quantitative
D-		0.67	Qualitative/Quantitative
F	Failure	0.00	Qualitative/Quantitative
I	Incomplete	-	-
NG	No grad reported	-	-
AU	Audit	-	-
S	Satisfactory (Pass)	-	Quantitative
U	Unsatisfactory (Fail)	-	Quantitative
W	Withdrawal	-	Quantitative
WF	Withdrawal Failing	0.00	Qualitative/Quantitative
WP	Withdrawal Passing	-	Quantitative
CR	Advanced placement & departmental credit	-	Quantitative

Grading Reference

I (incomplete): Indicates there is still a possibility for credit after further work. It is used by the classroom instructor when a definite grade cannot be given because of a student's illness or because of some justifiable delay in the completion of the work. The student initiates the process by filling out a petition to be granted an incomplete grade; these forms are available in the Academic Records Office. The course instructor then approves the written appeal after having reviewed the circumstances, and indicates in writing how the incomplete may be resolved, and establishes, in consultation with the student, a definite but reasonable completion date for all course work, usually as early as possible. The Academic Rules Committee must then approve all requests and may modify the due date after discussing the matter with the appropriate faculty member. When an incomplete grade is granted, it is the student's responsibility to consult with the instructor involved and to determine exactly the instructor's expectations regarding the fulfillment of the course work. The grade of "I" is not calculated into the grade point average. The "I" changes to an "F" if the work is not satisfactorily completed by the specified time, or no later than six weeks after the beginning of the next semester.

NG (no grade): Used for reporting mid-semester grades for practica, seminars, and individual studies, or may be used administratively by the Academic Records Office. The NG may also be assigned to labs with no separate credit awarded.

AU (audit): Given only for informational instruction obtained by attending the course. The student must elect to audit a course within the first week of classes and cannot take the course for credit thereafter. Students will not be awarded course credit for those courses they choose to audit. Should the student not attend the course, the instructor may administratively withdraw the student from the audited course. Students may only audit two courses during a given semester.

S or U (pass or fail): Neither the S nor U contributes to or detracts from the grade point average; however, credit hours are counted in the quantitative standard.

W (withdrawal): A grade of "W" is not calculated into the grade point average; however, credit hours are counted in the quantitative standard.

WP (withdrawal passing): Not calculated into the grade point average; however, credit hours are counted in the quantitative standard.

WF (withdrawal failing): Is calculated into the grade point average as an "F" and credit hours are counted in the quantitative standard.

CR (advanced placement & departmental credit): Used to denote credit awarded to a student according to performance upon certain nationally standardized examinations or departmental examinations. Credit hours are awarded and course equivalences determined. The placement does not affect the grade point average; however, credit hours are counted in the quantitative standard.

[ ] (repeated course): Retaking courses in which the student either received a passing or failing grade, adversely affects the student's ability to meet the progress requirements. All attempted credit hours are counted in the quantitative standard.

[ ] (repeated course) – continued: Students are allowed only one time to repeat a course in which they achieved a passing grade. After one allowable time, the student will not earn federal financial assistance for future repeats. For example: a student earns a "D" in a course and wants to repeat the class (the student has already repeated a passing grade course one other time). If the repeat course makes the enrollment full-time (9 credits + 3 credit hour repeat) then the federal aid will be adjusted to ¾ time enrollment for 9 credit hours. If the course is added to full-time enrollment of 12 or more credit hours, the student can receive federal aid based on full-time status.

Transfer Credits: Only transfer credit hours officially accepted will be counted in the maximum number of attempted (and completed) credit hours for financial aid eligibility. If the student is required to take additional hours that would exceed the maximum cumulative allowable hours, the student must submit a written appeal to the Office of Financial Aid. If the appeal is approved, the student may continue to receive financial aid.

Second Degree Students: Students who are enrolled in a degree program, which is equal to or lower than a degree already earned, will have the previous degree's accepted credit hours applied toward the student's current certificate or degree program. The accepted credit hours will be counted in the maximum number of allowable credit hours for financial aid eligibility.

Per Electronic Announcement (2020-03-05): Circumstances related to an outbreak of COVID-19, including, but not limited to, the illness of a student or family member, compliance with a quarantine period, or the general

disruption resulting from such an outbreak may form the basis of a student's SAP appeal even if not specifically articulated in the institution's SAP policy.

Master of Science in Athletic Training – Satisfactory Academic Progress Standards and Procedures

The Office of Financial Aid has developed the following standards and procedures regarding Satisfactory Academic Performance (SAP) as it pertains to the Master of Science in Athletic Training students' financial aid eligibility. Federal regulations require a student's entire Franklin College academic program record be reviewed for SAP, including semesters in which they did not apply for or receive financial aid. A student's Satisfactory Academic Progress (SAP) status is assessed at the end of each academic year. For the purposes of SAP, the academic year begins with the Summer term (if applicable) and ends with the Spring term.

The following standards will measure the student's qualitative and quantitative progress towards degree completion. Furthermore, a student's maximum timeframe will also be measured.

Qualitative: Cumulative Grade Point Average (GPA)
To successfully maintain the qualitative standard of SAP, the student must maintain a cumulative GPA of 3.0 on a 4.0 scale.

Quantitative: Completion Rate
To successfully maintain the quantitative standard of SAP, the student must maintain a cumulative completion rate of 2/3 or 67% (the total credit hours earned divided by the total credit hours attempted).

- Courses completed with grades of A, B, C, and D count toward earned credit hours.
- Courses completed with grades of F, W, I or any other grade that does not result in credit hours completed will not count in earned hours.

Maximum Timeframe: Duration
To successfully maintain the duration standard of SAP, the student must be able to complete their degree program without having attempted more than 150% of the number of credits required for the degree.

- Example: If a degree program requires 60 credit hours to complete, the student must complete the degree program without having attempted more than 90 credits (60 x 1.5 = 90).

Grades and GPA Equivalencies
The MSAT program requires a minimum 3.00 cumulative grade point average (GPA). The grading system for the MSAT program is defined below:

Grade Range	Letter Grade	Quality Points
93–100	A	4.00
90-92.99	A-	3.67
87-89.99	B+	3.33
83-86.99	B	3.00
80-82.99	B-	2.67
77-79.99	C+	2.33
70-76.99	C	2.00
Below 70	F	0.00

Grade Range	Letter Grade	Quality Points
Incomplete	I	
No Grade	NG	-
Audit	AU	-
Satisfactory	S	-
Unsatisfactory	U	-
Withdrawal	W	-
Withdrawal/Fail	WF	0.00
Withdrawal/Pass	WP	-
Transfer Credit	TR	-

SAP Suspension
A student for whom financial aid eligibility has been suspended may appeal this determination to the Director of Financial Aid.

The appeal must include the SAP Appeal Form and a signed personal statement. Supporting documentation may be requested by the Director of Financial Aid. Reasons that may be acceptable for an appeal may include but are not limited to: (1) serious illness or accident on the part of the student; (2) death, accident or serious illness in the immediate family; and (3) other extenuating circumstances.

The signed personal statement must include the following: (1.) the student's clear understanding of what SAP standard(s) they failed to meet, (2.) what circumstances led to them not meeting the standard(s), and (3) what has changed that will allow the student to restore their satisfactory academic progress standing after a SAP Probationary semester.

Merely filing an appeal does NOT guarantee continued eligibility for Federal aid, as an appeal may be denied. Notification of the appeal results will take place within ten business days from the receipt of the appeal.

SAP Probationary Semester
If an appeal is approved, the student will be placed on **SAP Probation** for one semester. An Academic Plan will be implemented to measure the student's progress during the SAP Probationary semester and the student will be considered eligible for Federal aid for which the student has applied.

Denied Appeals
If an appeal is denied, the suspension decision is final. The student may re-establish eligibility for a subsequent semester by taking action that brings him or her into compliance with the SAP standards. Suspension from receiving financial aid does not prevent students from enrolling if they are otherwise eligible to continue their enrollment.

Regaining Eligibility
Students who failed to meet the SAP standards and who choose to enroll without benefit of student financial aid may request a review of their academic record after any term in which they are enrolled without the receipt of financial aid. If the standards are met at the time of review, eligibility may be regained for subsequent term of enrollment.

SAP Terminology
Withdrawals (W): Courses that are recorded on the student's permanent academic transcript will be included as credit hours attempted. These will have an adverse effect on the student's ability to meet the requirements of the credit hour progression schedule for financial aid.

Incomplete grades (I): Courses that are assigned an incomplete grade are included in the cumulative credit hours attempted. These cannot be used as credit hours earned in the progress standard until a successful grade is assigned.

Repeated Courses: Retaking courses in which the student either received a passing or failing grade, adversely affects the student's ability to meet the progress requirements. All attempted credit hours are counted in the quantitative standard.

Students are allowed only one time to repeat a course in which they achieved a passing grade. After one allowable time, the student will not earn federal financial assistance for future repeats.

Transfer Credits: Only transfer credit hours officially accepted will be counted in the maximum number of attempted (and completed) credit hours for financial aid eligibility. If the student is required to take additional hours that would exceed the maximum cumulative allowable hours, the student must submit a written appeal to the Office of Financial Aid. If the appeal is approved, the student may continue to receive financial aid.

Master of Science in Physician Assistant Studies – Satisfactory Academic Progress Standards and Procedures

The Office of Financial Aid has developed the following standards and procedures regarding Satisfactory Academic Performance (SAP) as it pertains to the Master of Science in Physician Assistant Studies students' financial aid eligibility. Federal regulations require a student's entire Franklin College academic program record be reviewed for SAP, including semesters in which they did not apply for or receive financial aid. A student's Satisfactory Academic Progress (SAP) status is assessed at the end of each academic year. For the purposes of SAP, the academic year is formatted accordingly:

- Academic Year 1: Spring (January - May) – Summer (June - August)
- Academic Year 2: Fall (September - December) – Spring (January - May)
- Academic Year 3: Summer (June - August) – Fall (September - January)

The following standards will measure the student's qualitative and quantitative progress towards degree completion. Furthermore, a student's maximum timeframe will also be measured.

Qualitative: Cumulative Grade Point Average (GPA)
To successfully maintain the qualitative standard of SAP, the student must maintain a cumulative GPA of 3.0 on a 4.0 scale.

Quantitative: Completion Rate
To successfully maintain the quantitative standard of SAP, the student must maintain a cumulative completion rate of 2/3 or 67% (the total credit hours earned divided by the total credit hours attempted).

- Courses completed with grades of A, B, C, and D count toward earned credit hours.
- Courses completed with grades of F, W, I or any other grade that does not result in credit hours completed will not count in earned hours.

Maximum Timeframe: Duration

To successfully maintain the duration standard of SAP, the student must complete their degree program without having attempted more than 150% of the number of credits required for the degree.

- Example: If a degree program requires 111 credit hours to complete, the student must be able to complete the degree program without having attempted more than 166.5 credits (111 x 1.5 = 166.5).

Grades and GPA Equivalencies

The MSPAS program requires a minimum 3.00 cumulative grade point average (GPA). The grading system for the MSPAS program is defined below:

Grade Range	Letter Grade	Quality Points
93–100	A	4.00
90–92.99	A-	3.67
87–89.99	B+	3.33
83–86.99	B	3.00
80–82.99	B-	2.67
77–79.99	C+	2.33
70–76.99	C	2.00
Below 70	F	0.00
Incomplete	I	
No Grade	NG	-
Audit	AU	-
Satisfactory	S	-
Unsatisfactory	U	-
Withdrawal	W	-
Withdrawal/Fail	WF	0.00
Withdrawal/Pass	WP	-
Transfer Credit	TR	-

SAP Suspension

A student for whom financial aid eligibility has been suspended may appeal this determination to the Director of Financial Aid.

The appeal must include the SAP Appeal Form and a signed personal statement. Supporting documentation may be requested by the Director of Financial Aid. Reasons that may be acceptable for an appeal may include but are not limited to: (1) serious illness or accident on the part of the student; (2) death, accident or serious illness in the immediate family; and (3) other extenuating circumstances.

The signed personal statement must include the following: (1.) the student's clear understanding of what SAP standard(s) they failed to meet, (2.) what circumstances led to them not meeting the standard(s), and (3) what has changed that will allow the student to restore their satisfactory academic progress standing after a SAP Probationary semester.

Merely filing an appeal does NOT guarantee continued eligibility for Federal aid, as an appeal may be denied. Notification of the appeal results will take place within ten business days from the receipt of the appeal.

SAP Probationary Semester
If an appeal is approved, the student will be placed on **SAP Probation** for one semester. An Academic Plan will be implemented to measure the student's progress during the SAP Probationary semester and the student will be considered eligible for Federal aid for which the student has applied.

Denied Appeals
If an appeal is denied, the suspension decision is final. The student may re-establish eligibility for a subsequent semester by taking action that brings him or her into compliance with the SAP standards. Suspension from receiving financial aid does not prevent students from enrolling if they are otherwise eligible to continue their enrollment.

Regaining Eligibility
Students who failed to meet the SAP standards and who choose to enroll without benefit of student financial aid may request a review of their academic record after any term in which they are enrolled without the receipt of financial aid. If the standards are met at the time of review, eligibility may be regained for subsequent terms of enrollment.

SAP Terminology
Withdrawals (W): Courses that are recorded on the student's permanent academic transcript will be included as credit hours attempted. These will have an adverse effect on the student's ability to meet the requirements of the credit hour progression schedule for financial aid.

Incomplete grades (I): Courses that are assigned an incomplete grade are included in the cumulative credit hours attempted. These cannot be used as credit hours earned in the progress standard until a successful grade is assigned.

Repeated Courses: Retaking courses in which the student either received a passing or failing grade, adversely affects the student's ability to meet the progress requirements. All attempted credit hours are counted in the quantitative standard.

Students are allowed only one time to repeat a course in which they achieved a passing grade. After one allowable time, the student will not earn federal financial assistance for future repeats.

Transfer Credits: Only transfer credit hours officially accepted will be counted in the maximum number of attempted (and completed) credit hours for financial aid eligibility. If the student is required to take additional hours that would exceed the maximum cumulative allowable hours, the student must submit a written appeal to the Office of Financial Aid. If the appeal is approved, the student may continue to receive financial aid.

Student Life

The Student Development team is here to help you feel like Franklin College is your home away from home. The programs, activities, organizations, events, and support that are facilitated by the Student Development team will foster the sense of belonging that makes you feel like a Grizzly! You will have transformative learning experiences outside of the classroom that will complement your coursework and prepare you to be leaders in your professions and in the world. We work to foster a sense of community, engagement, inclusivity, support, and holistic wellness so that you can do your best academic work and become the best version of yourself!

As members of a community of learners, the college expects conduct that not only meets the expectations of laws and college regulations, but more importantly is consistent with the college's values. Each member of the Franklin College community will develop a personal sense of responsibility as well as a concerned understanding for the rights and well-being of others.

All students are expected to know and observe the local, state, and federal laws as well as the college regulations as published in this catalog and in The Student Handbook: A Guide to Campus Life. The student handbook is published annually on the College's website at http://franklincollege.edu/campus-life/#section4 .

Academic Resource Center
The Academic Resource Center, located on the first floor of Hamilton Library, provides students with opportunities to expand upon their knowledge and understanding in a collaborative and supportive environment. Popular ARC programs and services include the Write Place, Math Study Center, Supplemental Instruction, and Spanish tutoring. The ARC also coordinates accommodations for students with disabilities.

B.F. Hamilton Library
The library's primary goal is to support your academic success. Whether you need print books, electronic resources, or on-on-one research, the library connects you with the tools and guidance you need to thrive in your coursework.

Open until midnight five nights a week, Hamilton Library houses three floors of resources with 90,000 books and 4,500 videos. Additionally, the library's website provides access to more than 400,000 ebooks, 50,000 full-text journals and newspapers and over 30,000 streaming videos. The library offers several seating options for 300 students, including study carrels, four group study rooms, casual study areas, and two computer labs. One of those labs, HAM 309, is open 24 hours a day, seven days a week.

HamiltonONE, the library's first floor, provides a wide range of academic support to students through the Happe Family Academic Resource Center, the Center for Student Success, and Library Services.

The Archives and Special Collections reside on the library's third floor. The Franklin College Archives contain material related to Franklin College, while the Indiana Baptist Archives contain information pertaining to the American Baptist Churches of Indiana-Kentucky. The third collection is the Honorable Roger Douglas Branigin Archives, a Franklin College alumnus and governor of Indiana (1965-1969). Materials in this collection include administrative papers, correspondence, journals, legislation, and other associated materials; these are the only Indiana state governor's papers to be housed outside the state archives. The library's online repository contains access to more than 200 primary sources in addition to past issues of *The Franklin* and yearbooks. *Visits* to the archives are by appointment only.

Career Development
Selecting a career is an important decision requiring knowledge about career opportunities and about one's own interests, abilities and personal values. In a mobile society, a person is likely to make from three to five major career changes. Thus, though an initial career choice may be made while in college, it is important that one learns about

the many career options available and how to go about selecting a career. For this reason, Franklin College offers career planning services for all students through their undergraduate and graduate student years and for alumni.

The career development office provides services to complement the undergraduate and graduate student education. Individual and group advising are the core of the comprehensive program that also includes career fairs, speakers on different career areas, and workshops on practical job search skills. A career resources library is available, and the office maintains an online job-listing service. Part-time, summer employment and internship listings are also available online. These services are provided at no cost to students and alumni. The career development office also coordinates the immersive term, semester-long, and summer internship programs, except for education major internships which are coordinated through the director of teacher education, and exercise science internships which are coordinated through the exercise science department. Internships are excellent opportunities for students to gain direct knowledge of a career, develop a professional network, and to gain valuable, practical work experience in that field.

Specific questions concerning these activities and services may be answered by contacting the career development office, located in the Dietz Center for Professional Development (phone 317-738-8803).

Counseling Center

The Counseling Center, located on the second floor of the Student Center, provides **free and confidential** counseling to students. Our goal is to help each student deal with life challenges so that they can be successful in their school career and beyond. Students may seek counseling for a variety of psychological and emotional challenges. The center also offers social events, as well as workshops and educational trainings to the campus community on mental health-related issues.

Disability Services

Franklin College is committed to providing equal access to students with disabilities. Reasonable and appropriate accommodations will be provided to students with disabilities to ensure equal access to academic programs and other college-sponsored activities. It is the responsibility of the student to identify themselves and formally request accommodations. The Academic Resource Center invites any student wishing to request reasonable accommodations to meet with an ARC staff member to discuss past use of accommodations and disability related barriers they anticipate or are experiencing at the college. The process for determining accommodations is a collaborative one and may or may not require documentation. Medical records, psychoeducational testing and school records (such as IEP or 504 plan) may help guide the conversation and support specific requests. If this type of information is available, please submit it or bring it to your first meeting with the ARC staff member. Please do not delay meeting with the Academic Resource Center out of concern for not having appropriate paperwork.

Disability documentation submitted by a student is confidential. Franklin College will not release any part of the documentation without the student's informed consent.

Students who do not demonstrate foreign language proficiency at the 200-level or higher on the Franklin College placement exam or similar exam must successfully complete a Franklin College course in a foreign language numbered 111 or higher or the equivalent at another institution. Students with a disability that impairs the ability to acquire a foreign language may apply for a substitution for the language requirement. While substitutions may be considered, waivers are never granted. If the foreign language substitution is granted, the student must take two alternate courses from the approved substitution list. Please note that an exemption from meeting foreign language requirements in high school or at another college or university does not guarantee a substitution at Franklin College.

Franklin College mathematics courses are designed to provide students with fundamental knowledge of and facility with concepts and processes in mathematics. In cases where a student has a disability that profoundly

impairs academic performance in the quantitative area and precludes them from completing the mathematics requirement, the student may petition for a course substitution. Mathematics and the concepts learned in mathematics are considered essential components of many programs of study and substitutions may not be considered for all programs. Except in extraordinary circumstances, a petition will only be considered in programs of study where LA 103 is the terminal mathematics course. While substitutions may be considered, waivers are never granted. If the mathematics course substitution is granted, the student must take one alternate course from the approved substitution list. Please note that an exemption from meeting mathematics requirements in high school or at another college or university does not guarantee a substitution at Franklin College.

For further information regarding Disability Services please contact the Associate Dean for Student Success or visit the ARC website.

Health Services

Health Services, located on the second floor of the Student Center, is prepared to assist students with any health concerns. The Health Center is staffed by a registered nurse Monday-Friday. All services are confidential and most are offered to students at no additional charge. The nurse can assist with making referrals to medical or mental health agencies if needed. When appropriate, the nurse can arrange for students to be seen virtually by a mid-level healthcare provider (such as a nurse practitioner or physician assistant) for evaluation. Sexually transmitted infection screening is offered through a partnership with the Damien Center once a month at no charge to students, and other health promotion activities such as vaccination clinics and substance abuse education events are held throughout the year. The Health Center Coordinator also provides education and relevant materials to students on a range of pertinent health topics.

Launch: Franklin College's First-Year Experience Program

College is the only time in your life purely devoted to self-discovery. At Franklin College, we know how life-changing these four years are – which is why we created Launch. Launch is a yearlong program that propels your transition into college and empowers your social, personal, and academic growth. While every first-year student will participate in each aspect of Launch, your Launch experience is completely tailored to YOU.

You'll be intellectually invigorated because you will take courses focused on topics that intrigue you. You'll be inspired by your first-year advisor, peer mentor, and first-year seminar instructor, who are focused specifically on your success. You'll get to know your character and the talents that make you different from everyone else. And you'll have access to every resource and person you could ever need along the way. So buckle up and prepare for takeoff as you get ready to meet your best self, overcome new and exciting challenges and launch your success at Franklin College.

New Student Registration Day

Registration Day is the kickoff to a time in your life that's dedicated to becoming your best self. This day will set you up for success as you prepare for a four-year journey of self-discovery. During Registration Day, you'll:

- Meet with a faculty Academic Advisor: Academic Advisors serve as personal mentors who will help turn your life goals into a four-year plan that prepares you to pursue your biggest dreams.
- Attend exploratory sessions: You will attend sessions to learn about all that is offered at Franklin. From residence life and dining options to a resource fair of offices to help you succeed, we hope that you will leave with a wealth of knowledge to prepare you for move-in day and beyond.
- Welcome your support system to the community: Registration Day features several sessions specifically for those who will support your journey at Franklin College. They can attend talks on topics like financial aid and how best to support you during the next four years.
- Take care of logistics: Take your photo for your student ID, register for classes, preference your first-year seminar course, and get to know campus.

Welcome Week

Welcome Week is dedicated to setting you up for a successful first semester of college. Think of this week as special space reserved specifically for getting you ready for the next step in your life. In addition to moving in and getting oriented to campus, you'll participate in several events, activities and workshops, including:

- Becoming a Part of Our Tradition: Celebrate the official start of your college career as you participate in legacies passed down for more than 180 years. Attend the Opening Convocation and Bell Ceremony, smile for the annual class photo, and take a walk around Dame Mall to commemorate your Franklin College initiation.
- Building Community: Participate in a host of events designed specifically for you to meet your fellow classmates, faculty, and staff and create a sense of belonging at a college that cares.
- Being Engaged: Check out the college's 40+ student organizations at the Be Engaged Student Organization Fair, attend sessions that provide valuable tools and resources for success, and meet your Launch Team and First-Year Seminar classmates.
- Learning the Ins and Outs: You'll attend programs that share college expectations and policies, introduce you to technology we use on campus, check your academic schedule one more time before classes start, and discover where everything is on campus.

First-Year Seminar

As part of your fall semester course load, you'll take a three-credit First-Year Seminar, a class you'll select based on your personal passions. While you study a topic such as religion and the Marvel universe, young adult literature and social change, or the culture of competitive sports, you'll do so in the company of like-minded peers who share your interests. Find your crew and have fun gaining skills that will aid you in your other classes, including:

- Critically reading and analyzing text
- Creating connections between course topics
- Asking meaningful questions
- Engaging in academic discourse

Launch Lab

Think of Launch Lab as your weekly personal growth hour. In this lab, you'll gain personal development skills while creating community with people who are also building their best lives. Together, you'll learn how to advocate for yourselves, be successful in college, center your body and mind, and communicate across difference. You will also get to participate in group advising sessions with your first-year advisor.

Launch Team

Get ready to meet your personal panel of success advisors. Your Launch Team is a hand-selected group of people dedicated to helping you succeed at Franklin College. You'll meet weekly with your Launch Team to review your personal and academic goals as they create a network of support for you and guide you through the launch of your adult life. Your Launch Team includes:

- Your First-Year Advisor is a faculty or staff member who is here to challenge and inspire you as you define your academic goals, develop a plan to achieve them and adjust that plan to match your goals and vision for the future. Through Launch Lab, you will also explore your strengths, passions, and holistic wellbeing in a weekly lab that empowers your personal growth.
- Your First-Year Seminar Instructor already shares a passion with you; they have crafted a course around a topic that you will select based on your own interests. On top of that, this person will get to know you both personally and academically as you attend First-Year Seminar three times per week during fall semester.
- Your Launch Mentor will, as a fellow student who's been there, help you successfully transition to college. This person is here to answer tactical questions about homework, classes and college life. They

are also ready to have deeper conversations about your life goals and passions and how you can manifest them on campus and in the community.

HamiltonONE

HamiltonONE is the college's student success hub. Think of it as your one-stop shop for all things related to your success at Franklin College. Located on the first floor of B.F. Hamilton Library, HamiltonONE is home to the supportive people you need to thrive at college.

Visit HamiltonONE to meet with Student Success staff members, as well as the student learning and research librarian. You can access the college's vast collection of student resources or simply swing by to study and hang out with your friends. Helpful resources located in HamiltonONE include:

- Center for Student Success: Our Student Success team offers support and guidance, working with you to develop goals and strategies that will empower you to succeed and thrive at Franklin College.
- Launch Mentor office hours: Need some advice or just a friendly face? Launch Mentors hold walk-in office hours 35 hours a week during the fall semester.
- The Write Place: A collective of your peers who can help you with any stage of the writing process, including structuring your thoughts, editing your final text, and citing your sources.
- Math Study Center: A community of tutors and professors who can collaborate with you as you prepare for math tests, work through homework assignments, and face mathematical challenges.
- Supplemental instructors: Course-specific peer tutors who excelled in the classes you're taking and can guide you through homework assignments, test prep, and effective study habits as you adjust to your college course load.
- TRIO Student Support Services: Staff members dedicated to empowering first-generation students, those from low-income backgrounds, and students with disabilities. Through personalized coaching, career development, and a culture of care, we help you thrive academically and prepare for life beyond graduation.
- Research: Schedule a research conversation to ensure that you've consulted the best sources and know how to cite them.
- Library resources: Course reserves? Interlibrary loan? Get them all at the Front Desk. Library staff are here to support you as you access research databases, leverage B.F. Hamilton Library's online, print, and archival resources, and develop information and digital fluency skills.

Center for Diversity and Inclusion

Committed to maintaining a diverse community in an atmosphere of mutual respect, Franklin College provides an opportunity for students to live and study among other races, cultures, sexual orientations, religions, gender identities, economic backgrounds and so forth. To be successful in a diverse environment, students can expect support from several administrative and academic departments, including the Center for Diversity & Inclusion where the vision is to be a catalyst dedicated to engaging all cultural communities at FC around the value of diversity. We aim to create an inclusive educational environment where understanding, dialogue, and the free exchange of ideas are celebrated.

The Center for Diversity and Inclusion aims to advance Franklin College campus community 's awareness, understanding, appreciation, and respect for diversity, equity, inclusion and social justice in all its forms. These efforts will contribute to the development of critically conscious global citizens at FC and beyond. The mission of the Center is to support students, faculty/staff and the community by promoting the value of diversity, broadening multicultural awareness, advancing cultural competence and encouraging cross-cultural collaborative relationships through education and advocacy. It offers a wide variety of programs and services for the Franklin College community, including serving as a Diversity Advocate, conducting Diversity Workshops/Trainings, providing access to the Resource Library, offering support and consultation for Diversity Programming, Academic Assistance, Mentoring & Support, Safe Zone Training, support for Multicultural Organizations and Advisors,

overseeing spaces such as the Multicultural Lounge and the Center for Diversity & Inclusion, and leading housing initiatives through themed communities like the Arthur Wilson Black Experience House. We are committed to building awareness and appreciation for the global community which creates a lasting impact on our society and the lives of those whom we have the privilege to engage with.

Parent/Guardian Notification Policy

Franklin College strives to create a partnership between parents/guardians, students, and the college to promote student success. As part of that partnership, Franklin College will notify the parents or guardians of dependent students* if the student is placed on academic probation or if the student's education or on-campus housing is at risk for medical or disciplinary reasons. The college will also contact parents/guardians if a student is at risk of harm to self or others.

*Dependent status is determined by the college's financial aid office.

Religious Life Program

The Religious Life program welcomes all Franklin College students and strives to create a welcoming environment for students to develop their spiritual lives through chapel events, workshops, field trips, discussion groups, and programs designed to engage students of all religious traditions. Opportunities are also available for students who may be exploring their spiritual lives for the first time. The College Chaplain is also available to assist students in finding appropriate communities of worship in the local area.

The College Chaplain is available to meet with students individually to discuss spiritual life, vocational discernment, and more. The Religious Life office is located on the second floor of the Richardson Chapel.

Residence Life

Franklin College firmly believes on-campus living offers unique opportunities for socialization and participation in community governance. Our inclusive environment and navigating the challenges of living are contributing factors in the overall education and personal development of students. Franklin College has four residence halls, three fraternity chapter houses, and two campus homes. All first-year students, sophomores, and juniors are required to live in one of these residences. Detailed residence life regulations are published in The Franklin College Student Handbook: A Guide to Student Life, located on the College's website at https://franklincollege.edu/campus-life/#section4 .

Residence halls are staffed by live-in professionals and student paraprofessionals (Resident Assistants). All staff members are trained and supported by the staff of the division of student development to help students with their adjustment to campus.

Security

The Franklin College Office of Security is dedicated to providing a safe and secure working/living environment. The office is located on the ground floor of the Napolitan Student Center and an officer can be reached by calling (317) 738-8888 or 8888 from a campus phone.

The Office of Security consists of a director, assistant director, five full-time officers, and an administrative assistant. An officer is on-duty 24 hours a day, every day of the year. In addition to the security officers, off-duty police officers are employed on a part-time basis to supplement the security staff during high activity periods or as needed for special events.

Security officers make regular patrols of all campus buildings and grounds. During these patrols, officers enforce college policy, patrol parking lots, enforce parking regulations, lock doors, and check windows. The officers respond to calls for assistance from the campus community, to include providing a dusk until dawn escort service.

The Office of Security also administers an emergency text messaging system for use during occasions that require mass notification of the campus community.

Center for Student Engagement

MISSION STATEMENT: Inspired by the mission and values of Franklin College, the Center for Student Engagement is dedicated to serving students by providing enriching opportunities. As mentors, advisors, and educators, we strive to be attentive to student needs, fostering transformative experiences, vibrant community connections, and lifelong memories.

VISION STATEMENT: The Center for Student Engagement will connect every student to Franklin College through purposeful involvement in campus activities and organizations.

OUR GUIDING PRINCIPLES:

- Encourage and support students in pursuing their passions
- Honor and celebrate the historic and new traditions of Franklin College
- Empower students to actively engage in transformative experiences
- Ensure opportunities and environments are accessible, diverse, and inclusive for all
- Foster the development of lifelong skills such as critical thinking, social responsibility, problem solving, communication, and leadership
- Create a vibrant, inclusive, and community-driven atmosphere that enriches the student experience at Franklin College

Academic Policies and Procedures

(Topics are arranged in alphabetical order)

Academic Dishonesty and Plagiarism

Students are expected to maintain high standards of personal integrity in their academic coursework. In all matters relating to academic dishonesty (including plagiarism), the initial level of communication toward resolution of the problem will be a personal conference between the student and the appropriate member of the faculty.

The faculty of Franklin College recognize the following as violations of academic honesty:

1. Dependence upon the assistance of others beyond that which is expressly approved by the instructor in writing papers, preparing laboratory reports, solving problems or carrying out other assignments.
2. Plagiarism. Plagiarism is the use, whether by paraphrase or direct quotation, of published or otherwise recorded materials or the unpublished work of another person without full and clear acknowledgment.
   a. Because electronic information is volatile and easily reproduced, respect for the work and personal expression of others is especially critical in computer environments. Violations of authorial integrity, including plagiarism, invasion of privacy, unauthorized access and trade secret and copyright violations are grounds for sanctions against members of the academic community. This includes, but is not limited to, purchasing or acquisition of term papers, speeches, and printed materials from "term paper mills."
   b. It also includes appropriating portions of another's work to use without attribution
3. Cheating on quizzes, tests, any kind of assessment or examinations by:
   a. Referring during the examination to books, papers, notes, and electronic devices not specifically authorized by the instructor.
   b. Receiving during the examination information from another person or communicating information to another person or attempting to receive or communicate information.
   c. Using a substitute to take a quiz, test or examination or acting as such a substitute.
   d. Buying, selling or stealing a copy of an examination in advance of its administration or referring to such an examination after it has been obtained by another.
   e. Obtaining through any means the tests of a professor that he or she normally does not let circulate.
   f. Participating in or attempting to practice any other form of deceit on a quiz, test, paper, speech or assignment of any kind.
4. Permitting another student to use one's work as his or her own
5. Mutilating, stealing, hiding or illegally removing or keeping Franklin College library materials or materials made available for student use by a faculty member or a college department.
6. Unauthorized reproduction of copyrighted materials.
7. Falsification or misinterpretation of research information.
8. Unauthorized use of AI in coursework as described in the course syllabus or as communicated by the course instructor.

Procedures for Cases of Alleged Academic Dishonesty and Plagiarism

Upon detecting an instance of academic dishonesty, the faculty member will promptly discuss the matter with the student involved. Upon determination of responsibility, the faculty member must submit a full report of the offense, with sanctions requested, to the VPAA with a copy to the student or students involved. The VPAA will investigate the charge thoroughly. If the VPAA concurs with the faculty member's determination, written notification will be sent to the student, with a copy to the faculty member, the registrar, and the dean of students. The letter will include the sanction(s) imposed as a result of the violation based on the following guidelines:

For the first offense, a student who is responsible for committing academic dishonesty as a minimum will receive a penalty of "F" grade or zero for the piece of work, examination, paper, lab work, etc., involved. Additional sanctions

may be imposed. The maximum penalty will be for the course final grade to be lowered by not more than one letter grade, whether or not the "F" grade or zero on the assignment has already done so.

Determination of a second offense of this type at any time during the student's academic career at Franklin College will usually result in the student being dismissed from the college. **Dismissal from the college is final, and the student is no longer eligible to apply for readmission.**

If the VPAA does not concur with the faculty member's determination, written notification will be sent to both the student and the faculty member indicating that decision.

A student reported for a violation of the academic honesty policy is not permitted to drop or withdraw from the course unless the matter is resolved in the student's favor. Action from academic discipline cases will overrule any withdrawal request, and a 'W' grade may be replaced with a letter grade when the academic dishonesty if confirmed.

Appeals:

1. Either the student or the faculty member may appeal the decision of the VPAA within 5 calendar days of the receipt of notification. The appeal will be reviewed by the Academic Appeals Committee, which is comprised of the faculty members of the Student Life Committee and a designee of the Steering Committee. Appeals to this committee are submitted in writing to the Dean of Students.
2. In cases which involve a sanction of academic dismissal, the student may appeal his or her case to the president of the college within 5 calendar days of the receipt of the decision of the Academic Appeals Committee. The president's decision is final.
3. All appeals and appellate decisions must be communicated in writing.

Academic Majors and Advisors

A major consists of a minimum of 24 semester hours in the major department and a minimum of 12 semester hours in one or more fields integrally related to the major. Courses required in the major field must be completed with a minimum grade of 'C-' or better, and a minimum grade point average of 2.00 (A=4.00) must be maintained within the major fields unless otherwise specified by individual departments. No course required for graduation in an academic major may be taken on a pass-fail basis. Many departments require a grade of 'C-' in related field courses also. This is noted in the major description of each department. Some majors, minor, concentrations, and courses are offered partially online through a consortium of accredited colleges and universities. Instruction is provided by faculty employed by partner institutions in the consortium, with technology and administrative support provided by Rize Education. Oversight of courses offered through the consortium are reviewed and approved by Franklin College. Students register through Franklin College and receive academic credit from Franklin College.

For specific courses required for a major or a minor, refer to the appropriate departmental listing. Courses listed in more than one department may be used for credit under either department, except where restricted by a departmental requirement.

Upon matriculation, all students are assigned an **academic advisor**. After the first semester of the first year, a student may request an advisor change and/or declare a major. In all cases, the major/minor declaration must be initiated by the student. **A major must be declared by the end of the sophomore year**. If a minor area of study is planned, it must also be declared. The procedure is to complete the major/minor declaration form online on GrizLink. Students will receive an e-mail notification of the completion of the advisor/major/minor change.

Academic Probation, Suspension and Dismissal

Student academic status is reported to the VPAA upon completion of each academic period (fall semester, immersive term, spring semester, and summer sessions). A student who has attempted at least 12 hours at Franklin College will be placed on academic probation when the following minimum academic standards are not met:

Freshman	0 - 26 credits	cumulative grade point average of 1.60 (A=4.00) at the end of first semester; cumulative grade point average of 1.80 (A=4.00) beyond first semester (up to 26 credits)
Sophomore	27-57 credits	cumulative grade point average of 1.90 (A=4.00)
Junior, Senior	58 + credits	cumulative grade point average of 2.00 (A=4.00)

The cumulative grade point average is computed exclusively on academic credit earned at Franklin College. A grade of S or U has no effect upon the cumulative grade point average.

Franklin College reserves the right to suspend any student whose grade point average falls below 1.00 for any academic period. Students not suspended after an academic period with a grade point average below 1.00 will be placed in a status of **Academic Warning**. Students in this status are considered in good academic standing, but must successfully complete requirements determined by the Academic Standing Committee such as completing a student success course, weekly meetings with a student success coach, or adjusting their academic schedule for the following semester.

When a student is placed on academic probation, the period of probation begins immediately. **A student on probation** may not participate in intercollegiate sports; hold office in student government, social organizations, clubs, political groups, or residence halls; or serve in a leadership position of any school publication or broadcast operation. Further, a student on probation may not participate in commencement exercises. Students placed on academic probation may have their course schedules administratively adjusted to add a required academic strategies course designed to assist students in returning to good academic standing. Other conditions for academic probation may be applicable as determined by the Office of Academic Affairs. If on probation during the fall or spring semester, it is recommended that a student take no more than 14 credit hours. Students who fail to achieve the minimum required grade point average after a period of academic probation will be subject to academic suspension. Should academic probation be extended as an alternative to immediate suspension, the student must then meet or exceed the minimum grade point average standards noted above at the conclusion of the extended probation.

Students who have demonstrated a past history of academic probation or whose GPA falls below a 1.00 for any academic period may be subject to academic suspension. **Students who have been suspended** are not permitted to enroll in any credit bearing course until after the end of the stated suspension period and must contact the Office of Admissions for readmission. A suspended student who is readmitted on academic probation must maintain the minimum academic standards stated above during each academic period following readmission. If a student who was suspended and readmitted does not return to good academic standing after one academic period, this student will normally be dismissed. **Dismissal from the college is final, and the student is no longer eligible to apply for readmission.**

Activity Courses

Activity courses are one-semester-hour courses in which a student participates in an organized activity on campus. Students may enroll for credit in, at most, two activity courses per semester. The graduation requirement of 120 semester hours must include at least 116 hours of credit other than that earned as activity credit.

Courses designated as activity courses are as follows: COR 003, 010; PED 004, 009; MMJ 001, 002, 004, 005, 007; THE 001. All activity courses are graded on a pass-fail basis.

Add-Drop and Schedule Adjustment Procedures

Adding a course
Students may add a course prior to the first day of classes or during the first week of the semester. Once classes have begun, approval of the classroom instructor and the academic advisor are required. After the first week of classes, approval of the classroom instructor and the academic advisor and a special petition to the academic rules committee is also required. Additional fees may be due based on hours added.

Due to the special short-term nature of summer sessions and immersive term, a student can add a summer session or immersive term course through the second day of classes.

Dropping a course
Students may drop a course for any reason without academic penalty and have it deleted from their registration record through the 15^{th} class day of the fall and spring semester, with the signature of the academic advisor and instructor. All student athletes participating in a sport during the semester in which they are dropping the course must also obtain the signature of the Faculty Athletic Representative (FAR), Professor Kim Eiler, before dropping or withdrawing from the course. The FAR must sign the Schedule Adjustment Form before it is submitted to the Academic Records Office.
Please refer to the academic calendar for the specific drop dates for immersive term and summer sessions.

Students will be charged tuition and fees based on the Academic Records Office's official drop date. Tuition and fees are adjusted according to the policy listed under "Expenses and Financial Policies: Refund of Charges."

Withdrawing from a course
A student may withdraw from a course with a grade of 'W' through the ninth week of the fall or spring semester, with the signature of the instructor and academic advisor. A student who withdraws from a course after the ninth week of a semester will normally receive a grade of 'WF'. A grade of 'W' can be assigned for a specific course if the withdrawal is for medical reasons and is approved by the VPAA.

Due to the special short-term nature of summer and immersive term, a student withdrawing from a summer or immersive term course after the fourth calendar day from the beginning date will receive a grade of 'WF'. See the annual academic calendar for additional information.

Administrative Withdrawal Policy
Under certain circumstances, Franklin College may administratively withdraw a student from a single class or multiple classes. The four classifications of administrative withdrawals follow.

Academic Withdrawal
The Registrar may administratively withdraw or drop a student from a course or courses for academic reasons such as, but not limited to, the following: academic probation, extended academic probation, academic suspension, academic dismissal and unapproved credit overload. A student may also be removed from a course for which all prerequisites have not been satisfactorily completed. An academic drop or withdrawal will be processed according to the established drop and withdrawal deadlines. A grade of "W" will be assigned in the case of a withdrawal. The student's GPA will not be affected.

Disciplinary Withdrawal
As a result of college judicial proceedings, a student may be suspended or dismissed from the college for disciplinary reasons. In such cases, regardless of the timing during a semester, the student is withdrawn from classes, earns no credits for the semester and is assigned a grade of "W" for each class. The student's grade point average is not affected. The judicial process is under the jurisdiction of the Dean of Students. The student will forfeit all tuition

and fees for the semester or term regardless of when the sanction is imposed. Students wishing to return to the College must apply for readmission.

Emergency Withdrawal

As a result of medical necessity or other emergency, a student may be withdrawn from a class or classes. Such requests are made through the Dean of Student Success and approved by the VPAA. Such withdrawals will only be granted based on appropriate medical documentation. Once approved by the VPAA, the student is withdrawn from all applicable classes and is assigned a grade of "W." The student's grade point average is not affected. Where appropriate and with an instructor's permission, a student could receive a grade of "I" (incomplete) in one or more classes. For more information on incomplete grades, see Grading and Credit System in the Academic Policies and Procedures section.

Excessive Absence Withdrawal

Students are expected to prepare for and participate in all classes for which they are registered and to act in a manner consistent with the College's values of respect and responsibility while attending classes. When the college determines that a student has unapproved excessive absences, the student may be withdrawn. Administrative withdrawal could significantly impact a student's financial aid, athletic eligibility, academic standing and progress towards degree.

The Registrar, in consultation with the VPAA, may administratively withdraw a student from all courses or from individual courses for unapproved excessive absences. A student is considered excessively absent when he or she has missed two consecutive weeks of class. Such students will have seven calendar days to respond to e-mail and written notification that their continuation at the college or in the course is in jeopardy. Students are responsible for maintaining an accurate mailing address with the College. Failure to respond within the seven-day period and to correct the behaviors to the satisfaction of the faculty member(s) involved will result in an administrative withdrawal. Students wishing to return to the College after being withdrawn from all courses must apply for readmission.

If the withdrawal for excessive absences is processed prior to the established semester/term deadline to withdraw from classes, a grade of "W" will be assigned. This grade will not affect the student's grade point average. If the withdrawal is processed after the established deadline to withdraw from classes, a grade of "WP" or "WF" will be assigned. The grade of "WP" is not calculated into the GPA. However, the grade of "WF" is calculated into the GPA as a grade of "F." The student will forfeit applicable academic credit, tuition, and fees for the semester or term regardless of when the withdrawal is posted.

AP Credit

Franklin College will accept credit for selected College Entrance Examination Board Advanced Placement exams (AP). Franklin College does not administer the AP test. However, students may receive credit by examination by providing an official record of examination results. The following table includes the examinations, passing scores, hours of credit allowed, and Franklin College course equivalences.

Advanced Placement Test	**Score of 3**	**Score of 4 or 5**
2-D Art and Design	ART XXX (3 cr)	ART 130
3-D Art and Design	ART XXX (3 cr)	ART 135
African American Studies	HIS XXX (3 cr)	HIS 231
Art History	ART XXX (4 cr)	ART 116
Biology	BIO 114	BIO 114
Calculus AB	MAT XXX (4 cr)	MAT 135
Calculus BC (and AB subscore of 3 or higher)	MAT 135	MAT 135 & MAT 142

Chemistry	CHE 121/123	CHE 121, CHE 122, CHE 123 & CHE 124
Chinese	LAN XXX (4 cr)	4=LAN XXX (8 cr); 5=LAN XXX (12 cr) *(fulfills foreign language requirement)*
Comp. Government & Politics	POL XXX (4 cr)	POL 355
Computer Science A	CMP XXX (3 cr)	CMP 141
Computer Science Principles	CMP XXX (3 cr)	CMP 130
Cybersecurity	CMP XXX (3 cr)	CMP XXX (3 cr)
Drawing	ART XXX (3 cr)	ART 160
Economics: Macroeconomics	ECO XXX (3 cr)	ECO 123
Economics: Microeconomics	ECO XXX (3 cr)	ECO 121
English Language/Composition	ENG XXX (4 cr)	LA 101
English Literature/Composition	ENG XXX (4 cr)	LA 201
Environmental Science	BIO XXX (3 cr)	BIO XXX (3 cr)
European History	HIS XXX (3 cr)	HIS XXX (3 cr) *(will satisfy one course in Category C of the History curriculum)*
French (language & literature)*	FRE 110	4=FRE 110 & FRE 111; 5=FRE 110, FRE 111, & FRE 210
German	LAN XXX (4 cr)	4=LAN XXX (8 cr); 5=LAN XXX (12 cr) *(fulfills foreign language requirement)*
Human Geography	GEO 220	GEO 220
Italian	LAN XXX (4 cr)	4= LAN XXX (8cr); 5= LAN XXX (12 cr) *(fulfills foreign language requirement)*
Japanese	LAN XXX (4 cr)	4=LAN XXX (8 cr); 5=LAN XXX (12 cr) *(fulfills foreign language requirement)*
Latin	LAN XXX (4 cr)	4=LAN XXX (8 cr); 5=LAN XXX (12 cr) *(fulfills foreign language requirement)*
Music Theory	MUS XXX (3 cr)	MUS 110, MUS 111, MUS 115, & MUS 116 (if both aural & nonaural subscores of 4 or 5) MUS 110 & MUS 115 (if one of subscores is 3)
Networking	CMP XXX (3 cr)	CMP 240
Physics 1 & 2	PHY 201/ 203 & PHY 202/204; PHY XXX (5 cr) if only did one	PHY 201/ 203 & PHY 202/204
Physics C Mech **&** Electr/Magn	PHY 211/203 & PHY 212/204; PHY XXX (5 cr) if only did one	PHY 211/203 & PHY 212/204
Precalculus	MAT XXX (3 cr) *(placement into MAT 135)*	MAT XXX (3 cr) *(placement into MAT 135)*
Psychology	PSY 117	PSY 117
Research	UND XXX (3 cr)	UND XXX (3 cr)
Seminar	UND XXX (3 cr)	UND XXX (3 cr)
Spanish*	SPA 110	4=SPA 110 & SPA 111; 5=SPA 110, SPA 111, & SPA 210
Statistics	MAT XXX (3 cr)	MAT 224
U.S. Government & Politics	POL XXX (4 cr)	POL 110

U.S. History	HIS XXX (3 cr)	HIS 120 & HIS 121
World History	HIS XXX (4 cr)	HIS XXX (*can count as +1 category course for HIS majors or as 1 of 3 category courses for HIS minors*)

*Franklin College will accept AP credit for advance placement in foreign language; however, students should be aware that they can also get advance placement by taking the College's foreign language placement tests. Please note further clarification listed under Spanish and French Curricula.

Franklin College does not award credit for College Level Examination Program (CLEP) subject exams; however, CLEP exams may be taken to demonstrate proficiency in the foreign languages.

Assessment
College-wide assessment of college learning outcomes is an essential activity at Franklin College. Students will be required to participate in regular assessment at various points during their careers at Franklin College. Incoming first-year students will be tested upon entrance. Students wishing to register for their senior year may be required to show evidence of participation in specific assessment activities in order to register.

Athletic Participation and Eligibility
All student-athletes must be enrolled full-time during the semester(s) of their sports participation. Full-time is defined as 12 or more semester hours of credit (excluding ASC 080 or 085). Student-athletes should note that current NCAA Division III regulations require that a student-athlete make satisfactory progress toward a degree and be in good academic standing to be eligible for participation in intercollegiate athletics. To be in good academic standing, a student must not be on academic probation, nor be the present subject of disciplinary action which restricts participation in extracurricular activities.

Satisfactory progress is defined under "Satisfactory Progress Toward a Baccalaureate Degree" in this section of the course catalog. To help ensure the student-athlete is making satisfactory progress toward a degree, he/she must earn 80% of the credit hours attempted. A student-athlete who falls below this expectation will need to provide the Academic Records office with a plan showing ability to complete a degree within the time constraints listed under satisfactory progress.

Attendance in Class
Since many classes at Franklin College involve active participation through discussions, small group or laboratory work, attendance is expected. Each student shall maintain satisfactory attendance in all scheduled classes in accordance with the policy announced by individual classroom instructors. There is no campus-wide attendance policy, but poor class attendance almost always leads to class failure. If a student is absent from a class, it is his/her responsibility to contact the instructor and make satisfactory arrangements to complete material due or make up work missed. For additional information regarding excessive absences, see the Administrative Withdrawal Policy in the Academic Policies and Procedures section.

Attendance at Commencement
Candidates for degrees are required to be present at commencement exercises in the prescribed academic attire. Exceptions to this rule will be made only in extreme cases and upon petition to the VPAA. Degree candidates must be in good academic standing to participate in commencement exercises.
Students who are within nine semester hours of completing the requirements for graduation may be included in the May commencement exercises. The student must petition the Academic Rules Committee to be listed in the commencement program. The petition must demonstrate proof as to how the remaining hours and requirements will be completed prior to August 31st. Diplomas will be presented only to those who have fully completed all requirements and have met all financial obligations to the college.

Auditing Courses
Students may audit up to two courses per semester. The fee per course, regardless of the number of credit hours, is $205. In all circumstances, auditing students will follow course established attendance policies. Auditing students are exempt from exams but are responsible for class assignments and projects. A grade of "AU" is given only for informational instruction obtained by attending the course. Students not satisfying course expectations may be given a grade of "U." Student must elect to audit a course within the first week of classes and cannot take the course for credit thereafter. Although, students will not be awarded course credit for those courses they choose to audit, they will receive the same services as other students. Should the student not attend the course, the instructor may administratively withdraw the student from the audited course.

Class Level
A student's class level is determined by the total number of credit hours successfully **completed**:

Freshman	0 - 26 credit hours completed
Sophomore	27 - 57 credit hours completed
Junior	58 - 90 credit hours completed
Senior	91 and above credit hours completed

Class-Related Activities
An instructor of a class may not require a student to attend an on-campus or off-campus activity that would result in the student missing one or more of her or his regularly scheduled classes. However, instructors are encouraged to be as flexible as possible about allowing a student to miss their class for activities scheduled in another course in order to significantly benefit the student.

College-Sponsored Activities
Wherever possible, college-sponsored activities (e.g., intercollegiate athletic competitions, music ensemble performances, etc.) that might conflict with classes should be scheduled before the beginning of the semester, and faculty should be informed of these schedules. In planning these schedules, coaches and directors of college-sponsored activities should avoid class conflicts wherever possible. Students who are participating in these activities are further obligated to inform their instructors of anticipated work missed. The professor, after conferring with the student, will make a reasonable effort to determine an appropriate plan for the student to make up the missed work, which may include completing alternative assignments.

Consortium for Urban Education (CUE)
During the fall or spring semester a student may want/need to take a class at one of the consortium schools with which Franklin College is affiliated (list is available in the Academic Records Office). A student may enroll in only one CUE course during a given semester. These courses are limited in seating and need to be requested well in advance. (CUE requests are not processed at the hosting schools until their students have completed registration.) Member schools of the consortium require a student to enroll through their home school (Franklin College) and pay all tuition and fees through the student's home school. Any other fees and books for the CUE courses are the responsibility of the student. The student will not receive a transcript from the host institution; instead the grade is sent to the Academic Records Office at Franklin College to be recorded on the Franklin College transcript and is entered as a grade; however, the student's GPA is not impacted since the course was taken off campus. All questions should be directed to the Associate Registrar in the Academic Records Office.

Convocation Programs
A convocation program, which is organized around an annual theme, provides regularly-scheduled opportunities for students and faculty to attend special events of significant cultural value that add variety to the educational experience at the college. Instructors are encouraged to require attendance at convocation programs as course assignments.

Co-op Semester
Students wishing an alternative to the normal, eight-semester program of study may apply for the cooperative semester program. Qualified students are placed in full-time, semester-long employment positions in a variety of fields, including accounting, business, computer science, and journalism. The program provides an excellent opportunity to gain practical experience and employment contacts with a minimal interruption in academic work.

The co-op semester is transcribed as "Franklin College Cooperative Semester in (field)." A minimal registration fee of $100 is charged instead of tuition. No credits are earned through this program, nor are grades given. A minimum cumulative grade point average of 3.00 (A=4.00) and junior class standing are required to register. Applications are available from the Director of Career Services. A resume and recommendations from previous internship supervisors and/or employers are required as part of the application. Applications will be reviewed by the Director of Career Services, the Registrar, and the chairperson of the student's major department. Students may wish to discuss with academic departments the possibility of practicum credit for specific work done during the semester. Students need not apply for readmission to Franklin College upon completion of the cooperative semester. An appointment with the Director of Career Services is required for assistance in securing contacts and completing requirements for co-op registration.

Course Load
The normal course load is 12-19 hours per semester. To carry a load in excess of 19 hours for freshmen and sophomores or 21 hours for juniors and seniors requires special approval of the academic advisor and the academic rules committee. **There is an additional fee for each semester hour in excess of 20.** A student may not audit more than two courses per academic term.

The maximum course load during a summer session is two courses per summer session. Students must obtain the approval of the academic advisor and the academic rules committee to enroll in more than two courses per summer session. The maximum course load during immersive term is one course or one internship.

Course Numbering
The course numbering system is designed as an aid to students and academic advisors. The year in which a student should enroll in a course, and the way in which a course fits into the Franklin College curriculum, is described by the course number.

The year in which a course should be taken is traditionally described by the first digit in a course number:

000 - 050	Activity courses (any year)
051 - 099	Developmental courses
100 - 199	Freshman
200 - 299	Sophomore, or qualified freshman, unless otherwise indicated
300 - 399	Junior, or qualified freshman or sophomore, unless otherwise indicated
400 - 499	Senior, or qualified sophomore or junior, unless otherwise indicated

Courses numbered 051 - 099 are classified by the faculty as developmental courses, credit for which applies to financial aid, housing, athletic eligibility, and other such purposes unless otherwise specified, but does not apply toward graduation requirements.

Credit Hour Definition
In accordance with federal regulations, Franklin College defines **one credit hour** as "an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is"

1. Not less than one hour (50 minutes) of classroom or direct faculty instruction and a minimum of two hours out of class student work each week for fourteen instructional weeks (15 calendar weeks with breaks) for one semester hour of credit.

2. At least an equivalent amount of work as required in # 1 above for other academic activities including laboratory work, internships, practica, service learning courses, undergraduate research, studio work, individualized studies, and other academic work leading to the awarding of credit hours. A valid internship will include a minimum of 30 hours' work at the job site for each credit hour awarded or, if teacher education, 20 full days at a school site for a 4-credit hour internship (a standard internship load).

Faculty supervising practica, service learning courses, undergraduate research, studio work, individualized studies, and other academic work leading to the awarding of credit must report scheduled meeting times to the Academic Records Office for record keeping and verification purposes.

The Director of Career Development and appropriate faculty members will work with internship supervisors to monitor student hours at internship sites. Verification of student hours will be reported on a final supervisor evaluation.

The Academic Records Office will be responsible for monitoring credit hour accuracy for each standard semester or non-standard term.

Credit Hours for Engaged Learning
For learning that takes place in ways other than a formal lecture/seminar course (e.g. performance, research, internships, community based work and learning), credit hours will be assigned on the basis of at least 3 hours of work per week, for the duration of a 14-15 week semester, for 1 credit hour. It is expected that these hours will include some organized contact with an instructor to discuss/report on/enhance the experience. This contact need not occur during regular class times and may occur on a one-on-one basis, or as a group. The nature of the contact with the instructor should be outlined in the course syllabus.

Experiential courses may include a mix of the traditional lecture (with 2 associated preparatory hours) and added experiential work. To further clarify, we have provided some representative examples. These are not exclusive but are meant to illustrate how this formula might be appropriately applied.

Undergraduate Research
Students conduct research with a faculty member including work in a laboratory, library, or other research setting during a semester. Credit hours will be assigned on the basis of at least 3 hours of work per week, for the duration of a 14-15 week semester for 1 credit hour. Students are expected to meet with their research advisor on a regular basis to discuss project results and plan future experiments, research, or presentations.

Civic Engagement
Community service that is connected with a class or course of study would also be eligible for credit under the auspices of experiential learning. For example, if students enrolled in a course on sustainability spend 1 full-time week during spring break working for Habitat for Humanity (ca. 40-45 hours), this may be the equivalent of 1 credit hour of the course requirements. Alternatively, students may be engaged in community-based work for three hours per week over the semester for 1 credit hour. Community work must be linked to the course's academic content. Organized instructor contact/reporting is required. The mechanism for instructor contact/reporting should be outlined in the course syllabus.

Travel Courses

Instruction and student work for the purposes of credit hour computation in travel seminars includes the following types of activities that advance the learning objectives of the course:

- Course meetings before, during, and after the dates of travel
- Time to read/view assigned texts
- Lectures (from the course instructor, guest lecturers, faculty/staff/students at partner institutions, guides, local residents, etc.)
- Discussion meetings (with course instructors, guest lecturers, faculty/staff/students at partner institutions, guides, local residents, peers, etc.)
- Museum, clinical, business, governmental, or other site visits
- Organized cultural excursions and performances
- Service learning projects
- Student presentations
- Synthesis/processing/reflection time (may be used for writing, discussion, or production of creative work which may take many forms including but not limited to journals, formal papers, blogs, art, music, etc.)

For example, a 3-credit course should require the equivalent of 9 hours of combined direct instruction and student work per week for the equivalent of a 14-week semester. Given that the "course hour" is 50 minutes, this would be a baseline of 105 total hours for the course.

Internships

Internships are hands-on experiences designed to provide the student with pre-professional work projects under the guidance of a practicing professional supervisor. Each internship can be between one and twelve credit hours; however, typical internships carry three-four hours of credit, are graded on a satisfactory/unsatisfactory basis, and require approval of the director of career development and the student's faculty advisor or, if teacher education related, the director of teacher education, or, if in exercise science, approval by members of the exercise science faculty. Internships require a minimum of 30 hours of internship work for each credit hour earned, so a valid four credit hour internship will include a minimum of 120 hours' work at the job site or, if teacher education, 20 full days at a school site. Other requirements may be included by the Franklin College supervisor in conjunction with the internship site supervisor. Internships may be taken during the immersive term, where they also count as immersive term credit. Internships may also be taken during fall, spring, and summer sessions with permission from the director of career development or appropriate faculty internship supervisor.

Dean's List

The Dean's List is a published announcement of high academic achievement for the fall and spring semesters. To be eligible for this honor, a student must complete **12 or more regular-graded** credit hours for the semester (courses taken on a pass/fail basis are not included in the 12 hours) and achieve a semester grade point average of 3.5000 to 3.9999 (A=4.00). Students who achieve a semester grade point average of 4.00 (A=4.00) will be placed on the President's List (see President's List in this section of the catalog).

Degree Applications and Audits

An application for degree must be filed with the Academic Records Office before the student is considered for graduation. The application should be filed at the beginning of the spring semester (Feb. 21st) prior to the following December, or January, May, or August of the next calendar year graduation date. At the time the student applies to graduate, the Academic Records Office will audit the student's academic progress. The student is responsible for updating the audit once it has been emailed. Audits will be emailed to students' Franklin College email address.

Audits conducted prior to this first official audit are expected to be completed by the student and his/her academic advisor.

Federal Family Educational Rights & Privacy Act (FERPA)

The 1974 Federal Family Education Rights and Privacy Act was designated to protect the privacy of educational records, to establish the rights of students to inspect and review their educational records, to provide students some control over the disclosure of information from their records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with The Family Educational Rights and Privacy Act office concerning alleged failures by the institution to comply with the Act.

A summary of Franklin College's statement of compliance with FERPA (or the Buckley Amendment), a copy of the amendment, and the full statement of compliance are available in the Academic Records Office for your review. The offices and departments at the college which collect and maintain academic, financial, academic advising, personal counseling, disciplinary, placement, and other information about students shall adhere to the following policy regarding the release of such information. For students wishing to review their educational records, a Student Request to Inspect Educational Records form must be completed in the Academic Records Office. Information will then be accessible to the student for review within 30 working days from receipt of the written request. At its discretion, the college may disclose directory information in response to inquiries about individual students.

Items considered directory information include:

1. Name, local address, local phone number, photo and campus e-mail address
2. Date and place of birth
3. Home (permanent) address
4. Confirmation of current enrollment (or admittance) including class level and major
5. Dates of attendance
6. Full or part-time status
7. Awards and honors received, including Dean's and President's list, degrees conferred and dates
8. Previous institutions attended
9. Past and present participation in officially recognized college activities, including athletics
10. Physical and performance statistics of members of athletic teams

Students may, if they desire, request that certain or all directory information not be released except upon their written consent. To make such a request a student must complete a Request to Prevent Disclosures of Directory Information form in the Academic Records Office by June 15th of the prior academic year. (New students are notified of this policy upon admittance.) Please consider very carefully the consequences of any decision by you to withhold any "Directory Information." Should you decide to inform the institution not to release any or all of the "Directory Information," any future request for such information from non-institutional persons or organizations will be refused. This request is void upon a student's departure from the college.

The institution will honor requests to withhold any "Directory Information." However, Franklin College does not assume responsibility to contact you for subsequent permission to release this information. Regardless of the effect upon you, the institution assumes no liability for honoring your instructions that such information be withheld.

All other information about students is **restricted information**. Non-directory or restricted information *may* be released to parents and/or guardians of students defined as dependent by the Internal Revenue Service or to parents of those students who have self-identified as dependent. For all other purposes, written consent of the student must be obtained before the release of restricted information to any person, office, or agency without a legitimate educational interest.

A **school official** is one of the following: a person employed by Franklin College in an administrative, supervisory, academic, research or support staff position; a person serving on an institutional governing body; a person or agency employed by (or under contract to) Franklin College to perform a special task, such as an attorney or auditor; or a student serving on a committee or assisting another school official in fulfilling his or her professional responsibilities. A school official is determined to have a **legitimate educational interest** if the information requested is necessary for that official to: perform appropriate tasks that are specified in his/her position description or by a contract agreement; perform a task related to a student's education; perform a task related to the discipline of a student; or provide a service or benefit relating to the student or student's family, such as health care, counseling, job placement or financial aid. Access to this information does not constitute authorization to share this information with a third party.

Please do not hesitate to contact the Academic Records Office with any questions you may have or to clarify details of this federal law.

Final Exam Information
The VPAA has developed the following clarifications regarding the issues of class activities prior to exams and students scheduled with more than two final exams on a single exam day:

There are no restrictions on any class activities during the two weeks prior to final exam week. Each faculty member's charge during that period is the same as it is for the rest of the semester, to make appropriate use of the instructional time made available to the students.

As always, faculty are expected to meet each class during final exam week and have the students engage in substantive work for a substantial portion of the two-hour period assigned to the class. Adjustments to scheduled exam times or places must be approved in advance by the VPAA.

Students who are scheduled to take three exams in one day may seek relief. If a student is seeking relief, s/he should notify each of the three instructors of the conflict by presenting, in writing, a listing of the conflict along with a listing of the three instructors who are involved. If one of the instructors is willing to re-schedule the exam, the problem is solved. If it is not settled in this manner, the VPAA should be notified and the faculty will be convened to discuss a solution. Students seeking relief do not have the right to stipulate when an exam will be rescheduled.

There is no expectation that instructors will provide a review day for any test or final exam. Many classes will have a test during the last week of classes over the material most recently covered, particularly when the final exam is cumulative in nature.

Questions regarding these matters should be directed to the VPAA.

Foreign Language Requirement
Students who upon matriculation do not demonstrate proficiency equivalent to satisfactory completion of a Franklin College foreign language course numbered 111 or higher or the equivalent at another institution must complete such a course prior to graduation.

Students who completed secondary education in a primary language of instruction other than English may petition the Academic Rules Committee to have the foreign language requirement waived. An official letter from the secondary education institution documenting the language of instruction is required. Requests must be made by students before they commence their sophomore year. Further, no college course or proficiency credit will be awarded for that language.

General Certificate of Education (GCE A-Level)
Franklin College will accept credit for selected GCE A-level examinations at the Advanced Level or Advanced Subsidiary Level. Franklin College does not administer the GCE examination. However, students may receive credit by examination by providing an official record of the examination results showing grades of "E" or better. Examinations will be evaluated as they are received to determine equivalencies.

Grading and Credit System
A semester hour of credit is the equivalent of one recitation a week throughout a semester. As a rule, one hour of credit is gained for two to three hours of laboratory or studio work.

The college employs the following grading system, based on a 4.00 grading scale:

Letter Grade	Description	Point Value per Credit Hour
A	Exceptional, excellent in all respects	4.00
A-		3.67
B+		3.33
B	Good	3.00
B-		2.67
C+		2.33
C	Satisfactory	2.00
C-		1.67
D+		1.33
D	Passing, but unsatisfactory in some important respects	1.00
D-		0.67
F	Failure	0.00
I	Incomplete (1)	-
NG	No grade reported (2)	-
AU	Audit (3)	-
S	Satisfactory (4)	-
U	Unsatisfactory (4)	-
W	Withdrawal (5)	-
WF	Withdrawal Failing (6)	0.00
WP	Withdrawal Passing (6)	-
CR	Advanced placement & departmental credit (7)	-
[ ]	Repeated Course (8)	-
TR	Transfer Credit	-
*	Non-degree Applicable Credit (9)	-

Grading Reference
(1) I (incomplete) indicates there is still a possibility for credit after further work. It is used by the classroom instructor when a definite grade cannot be given because of a student's illness or because of some justifiable delay in the completion of the work. The student initiates the process by filling out a petition to be granted an incomplete grade; these forms are available in the Academic Records Office. The course instructor then approves the written appeal after having reviewed the circumstances, and indicates in writing how the incomplete may be resolved, and establishes, in consultation with the student, a definite but reasonable completion date for all course work, usually as early as possible. The Academic Rules Committee must then approve all requests and may modify the due date after discussing the matter with the appropriate faculty member. When an incomplete grade is granted, it is the student's responsibility to consult with the instructor involved and to determine exactly the instructor's expectations regarding the fulfillment of the course work. The grade of "I" is not calculated into the grade point

average. The "I" changes to an "F" if the work is not satisfactorily completed by the specified time, or no later than six weeks after the beginning of the next semester.

(2) NG (no grade) is used for reporting mid-semester grades for practica, seminars, and individual studies, or may be used administratively by the Academic Records Office. The NG may also be assigned to labs with no separate credit awarded.

(3) AU (audit) grade is given only for informational instruction obtained by attending the course. The student must elect to audit a course within the first week of classes and cannot take the course for credit thereafter. Students will not be awarded course credit for those courses they choose to audit. Should the student not attend the course, the instructor may administratively withdraw the student from the audited course. Students may only audit two courses during a given semester.

(4) S and U grades are used in pass-fail courses and in activity courses. The S grade indicates satisfactory work and implies the grade is in the A through C- range. Neither the S nor U contributes to or detracts from the grade point average.

A course may be taken on a pass-fail basis provided:

a. it is not a graduation requirement,
b. it is not a course used to satisfy the requirements of the student's major, related field or minor,
c. the student has completed all requirements for the major before taking a pass/fail course in the major department,
d. the student has achieved junior class standing,
e. it is not an education course,
f. the student has filed a pass-fail form in the Academic Records Office within the first week of class.

(5) W (withdrawal) grade: See Add/Drop and Schedule Adjustment Procedures in this section of the catalog. A grade of "W" is not calculated into the grade point average.

(6) In the event of a withdrawal from the college after the ninth week of classes, the student will receive either a "WP" or a "WF" based on the grade earned up to the time of withdrawal. A grade of "WP" is not calculated into the grade point average. A grade of "WF" is calculated into the grade point average as an "F."

(7) The CR is used to denote credit awarded to a student according to performance upon certain nationally standardized examinations or departmental examinations. Credit hours are awarded and course equivalences determined; however, the placement does not affect the grade point average.

(8) Many courses may be repeated. If a student completes the course with a grade of C- or better, the department chair and the Registrar must approve the repeat. The earlier grade will not be purged from the record; however, the student will be given the benefit of the later grade for grade point average purposes in the semester when the course is repeated. The two grades will not be averaged for grade point average purposes; the latter grade will prevail. If the earlier grade is a D- or better, thus earning the student credit for the course, the student may not earn additional credit upon repeating the course. Courses taken off campus will not replace the original grade in the GPA calculations.

(9) A student who earns a grade below the minimum required for a major (e.g., below C or C–, depending on departmental standards) may repeat the course **once**. This policy applies to all courses designated as required within a student's major program of study, including prerequisites and core major coursework. It only applies to Liberal Arts courses if those are required courses for the major; it does not apply to Liberal Arts courses taken as part of the core or exploratory that are not required for the major.

- If the student does not earn the required grade after the second attempt, they must consult with their academic advisor to:
    - Explore alternative major options, or
    - Petition for an exception under documented extenuating circumstances.
- Withdrawals (W) count as an attempt unless officially approved as a medical or emergency withdrawal.
- This policy does not apply to elective courses or courses outside the major unless they are prerequisites for major-required courses.

Exceptions:

Exceptions to this policy may be granted only through formal petition to the Academic Rules Committee. Petitions must include:

- A letter from the student explaining the circumstances,
- Supporting documentation (e.g., medical, personal, or academic),
- A recommendation from the student's academic advisor.

(10) Grades followed by an * earn a student credit for financial aid and housing for a particular semester or term. The credit does not apply to the 120 semester hours required for a degree.

Grading Changes and Challenges

A grade change may be made only by the faculty member who conducted the original evaluation of the student or by the VPAA if the faculty member is unavailable. A grade change is the alteration of a final grade, once the official and clerically accurate recording of such a grade has been accomplished in the Academic Records Office. Grade changes for clerical reasons will be processed by the faculty member and the Academic Records Office. After a grade change has been made, notification will be sent to the student with a copy to the advisor. [Note: Any grade changes a student feels needs to be made must be initiated with his or her professor according to the grade challenge procedure.]

Grade Challenges

A grade challenge may be initiated by any student who believes that they have been evaluated inaccurately or with undue prejudice in the determination of the final grade in a course. This is a serious charge and the student must bear in mind that the faculty member has both the right and the responsibility to render a fair and critical judgment regarding the scholarly quality of the academic work performed.

Grade Challenge Procedure

1. A grade challenge may be initiated in writing by the student to the VPAA within 20 calendar days following the on-line posting of the final grade in a course by the Academic Records Office and **only after personal consultation with a faculty member(s) serving as the instructor of record. In cases involving field experiences, the student must meet with the field supervisor and the instructor of record if they are not the same individual**.
2. The written challenge must provide specific allegations and relevant supporting documentation. It should outline attempts to informally resolve the dispute, including dates and outcomes of meetings.
3. The VPAA will consult with both parties in an effort to resolve the problem. Outreach will occur within 10 business days of receiving the written challenge. Failure of the student to reply to the VPAA or designee within 7 business days to a request for consultation will result in forfeiture of the challenge.
4. Following the consultation with the student and faculty member(s), the VPAA or designee will issue a written determination to all parties within 10 business days.
5. Should the resolution be unsatisfactory to the student or faculty member(s), either party may submit a written appeal to the Vice President for Student Development (VPSD) within 5 calendar days of the receipt of the notification of the decision of the VPAA or designee. The VPSD will convene the Academic Appeals Committee of the Faculty within a reasonable timeframe to consider the appeal.
6. After meeting with the faculty member(s), the student, and VPAA or designee, the Academic Appeals Committee will rule on the case. The student and faculty member(s) have the right to be accompanied in these hearings by an advisor of their own choosing from within the faculty, staff, or student body of Franklin College.
7. All appellate decisions must be communicated in writing. The determination of the Academic Appeals Committee is final and there is no further appeal.

Graduation Honors

For students who have completed at least 90 semester hours of work in residence:

Cum Laude

A student whose Franklin record reflects a cumulative grade point average of 3.50 (A=4.00) or higher may receive the bachelor's degree cum laude.

Magna Cum Laude
A student whose Franklin record reflects a cumulative grade point average 3.75 (A=4.00) or higher may receive the bachelor's degree magna cum laude.
Summa Cum Laude
A student whose Franklin record reflects a cumulative grade point average of 3.90 (A=4.00) or higher may receive the bachelor's degree summa cum laude.

Transfer students who complete at least 60 but less than 90 semester hours at Franklin College shall be eligible for the graduation honors of cum laude, magna cum laude, and summa cum laude subject to the following provisions:

1. Cumulative study completed at a prior college or university must reflect a 3.5 (A=4.00) cumulative grade point average.
2. The honors grade point average will be based solely upon grades earned at Franklin College.

Independent Study Courses
Most of Franklin College's academic departments offer independent study learning experiences in which students receive a grade and academic credit for pursuing an individual research and/or reading project in the department's particular discipline. Normally, the subject is not sufficiently or appropriately covered in departmental course offerings. Upper-division credit in the department is a normal prerequisite.

The courses are designed to encourage student initiative and to provide a degree of flexibility in the departmental program. **It is not intended that such a course be used to relieve schedule conflicts which have resulted from failure to take required courses in proper sequence.**

Independent studies may not replace catalog courses in fulfilling specific degree requirements except by permission of the department whose major is involved in any particular case and by permission of the academic rules committee. Permission must be secured before the individualized study begins.

Requirements of independent studies are defined by the individual faculty member and the student, with the implication of faculty supervision and regular consultation. The student must complete a form, available from the Academic Records Office, defining the independent study. The form must be signed by the student, the student's independent study professors, the student's advisor, and the chair of the department granting credit for the independent study. Independent studies with the immersive term designation must also be approved by the academic rules committee.

Independent studies may be taken for one or two semester hours of credit. Students wishing to enroll in more than two semester hours of credit must petition the department chair and the academic rules committee. Every credit given will represent approximately 30 to 40 hours of student work on the project.

Individualized Major
An individualized major offers highly motivated and self-directed students an opportunity to develop a program of study tailored to meet their special talents, academic interests, and career goals. An individualized major is designed for a student who is able to document the absence of an existing major that satisfactorily meets his/her specific educational and professional objectives. A student may design an individualized major for a first or second major. However, those seeking a second major via this process may not duplicate any courses with his/her first major.

Individualized Majors are designed by students in conjunction with their academic advisor and at least two other faculty sponsors, one of whom must be the chair of the sponsoring department. Two of the three members of this Individualized Major (IM) Committee should reflect the student's educational objectives and career interests. An academic department must also sponsor the proposal. See "Individualized Major" in the academic majors sections of the catalog.

Individualized Minor

Franklin College students may apply to create an individualized minor that develops their special talents and interests. Such a minor can include regular catalog courses, immersive term courses and experiences, off-campus courses, individualized studies, special topics courses, practica, and internships (LA courses taken to satisfy an LA requirement cannot be counted). A minimum of 15 credit hours is required with no more than 12 hours taken in a single department and no more than 8 hours taken as independent studies courses. A maximum of four credit hours may overlap between the student's major course requirements and those proposed for the individualized minor. Examples of possible individualized minors include: women's studies, medical ethics, African American studies, East Asian studies, Latino studies.

Students with an interest in an individualized minor must have achieved a minimum GPA of 2.00 (A=4.00). They must submit a proposal, which has the support of a faculty sponsor. Detailed information on these requirements and an application may be obtained from the Academic Records Office. Final approval must come from the academic rules committee.

International Baccalaureate (IB) Examination Credit

The International Baccalaureate (IB) is an advanced international educational programme for high school students. Franklin College recognizes credit from the International Baccalaureate academic programme and encourages students to submit IB exam scores to the Academic Records Office for evaluation

Course credit may be granted for IB credit meeting both of the following guidelines.

a. IB credits taken in the Diploma Programme
b. IB credits granted for the Higher Level (HL) Examination with scores of 5, 6, or 7*.
   *Philosophy and Psychology credit for either Subsidiary Level (SL) or HL Examinations.

For more information on the IB, visit their website at www.ibo.org. For more information on Franklin College's IB policy, contact the Registrar, at 317-738-8018.

The following table includes the IB courses, passing scores, hours of credit allowed, and Franklin College course equivalences.

IB Subject	Score	Course(s)	Credit Hours
Biology (HL)	5, 6 or 7	BIO 134/BIO 140	4/4 (total of 8 hours)
Chemistry (HL)	5, 6 or 7	CHE 112	4
Computer Science (HL)	5, 6 or 7	CMP 130	3
Economics (HL)	5, 6 or 7	ECO 115	3
English A1 (HL)	5, 6 or 7	ENG XXX	3 undistributed credits
English A2 (HL)	5, 6 or 7	ENG XXX	3 undistributed credits
French (HL)	5	FRE 210	4
In order to earn credit for FRE 110 and 111, student must take FRE 211 at FC and earn a C- or better.			
French (HL)	6	FRE 211	4
In order to earn credit for FRE 110, 111, and 210, student must take FRE 300-level at FC and earn a C- or better.			
French (HL)	7	FRE XXX (300-level)	4
In order to earn credit for FRE 111, 210, and 211, student must take a FRE 300-level course at FC earning a C- or better.			
History(HL) Africa/Middle East	5, 6, or 7	HIS XXX (Category D for major or minor)	4

History (HL) Americas	5, 6, or 7	HIS XXX (Category A OR B for major or minor, but not both)	4
History(HL) Asia/Oceania	5,6, or 7	HIS XXX (Category D for major or minor)	4
History (HL) Europe	5, 6, or 7	HIS XXX (Category C for major or minor)	4
Mathematics (HL)	5, 6 or 7	MAT 135	4
Philosophy	5, 6 or 7	PHL 116	4
Psychology	5, 6 or 7	PSY 117	4
Spanish (HL)	5	SPA 210	4
In order to earn credit for SPA 110 and 111, student must take SPA 211 at FC and earn a C- or better.			
Spanish (HL)	6	SPA 211	4
In order to earn credit for SPA 110, 111, and 210, student must take SPA300-level at FC and earn a C- or better.			
Spanish (HL)	7	SPA XXX (300-level)	4
In order to earn credit for SPA 111, 210, and 211, student must take a SPA 300-level course at FC earning a C- or better.			
Theatre (HL)	5, 6 or 7	THE 110/THE 125	3/3 (total of 6 hours)

Internship Program

Internships are hands-on experiences designed to provide students with pre-professional work projects under the guidance of a practicing professional supervisor. Each internship can be between one and twelve credit hours, but typically carries four hours of credit, is graded on a satisfactory/unsatisfactory basis, and requires approval of the director of career development, the departmental faculty of record, and the student's faculty advisor or, if teacher education related, the director of teacher education or, if in the area of exercise science, the internship supervisor in the department of exercise science. Internships require a minimum of 30 hours of internship work for each credit hour earned, so a valid four credit hour internship will include a minimum of 120 hours' work at the job site or, if teacher education, 20 full days at a school site. Other requirements may be included by the supervisor in conjunction with the faculty of record and the director of career development. Internships may be taken during the immersive term, where they also count as immersive term credit. Internships may also be taken during fall, spring and summer sessions with permission from the director of career development or appropriate faculty internship supervisor. Students may not register for internships online. Students must meet with the director of career development to obtain an internship information form and add/drop forms must be signed by a faculty of record and must have approval of the faculty advisor.

SNT 489 internships may be completed during the spring of the junior year, the summer prior to the senior year, during the senior year, or earlier when deemed appropriate by an academic department. These internships typically carry three to twelve hours of credit depending upon the nature of the experience, the hours involved, and the duration and must be directly related to a student's major. SNT 489 internships or their departmental equivalents must be approved in advance by either the department or the student's faculty advisor and, if applicable, the director of career development.

Students must plan ahead. Internships require time to arrange. For example, immersive term internships must be arranged early in the fall semester, and summer session internships must be arranged early in the spring semester. Interested students should contact the director of career development, the director of teacher education, or the intern supervisor in the department of exercise science as soon as possible. At the latest, arrangements must be completed by posted deadlines during registration of the semester prior to the desired internship. The college cannot guarantee that a suitable internship can be arranged for all students. The internship program is an experiential education opportunity. It is primarily the responsibility of the student, with the help of the internship director and appropriate faculty members, to establish and plan an internship with a company or organization.

Invaluable experience and future employment contacts may be derived from the internship program and all students are encouraged to participate. Students should have sophomore, junior, or senior class standing to be eligible for the internship program.

Students must register for immersive term internships by first day of class of immersive term. The internship information form, the agreement between the student, the internship site, and the faculty of record, must be submitted to the Career Development Office by the end of the first week of immersive term. Those not submitting the internship application prior to the end of the first week of immersive term may be administratively dropped from the internship.

The Franklin College internship program is designed to provide students two lasting experiences: hands-on work in their major field and the personal experience of conducting a successfully guided mini-job search prior to graduation. Academic departments strongly encourage students to experience as many internships as possible during their college careers. Students may complete up to sixteen hours of internship credit which count towards graduation.

Internships or field experiences which are completed off-campus are required in all majors. Please note there is a sliding grade point average prerequisite to be eligible to register. At the time of application, students must meet the following grade point average requirements (see department of education for education requirements):

Sophomores	2.50 grade point average overall
Juniors	2.25 grade point average overall
Seniors	2.00 grade point average overall

Higher grade point averages in a student's major field will not be accepted in place of the overall grade point average.

Midterm Grades
Midterm grades are issued to students after the midpoint of the semester and are not recorded on a student's transcript. These grades are intended to serve only as advisory reports on academic progress. Midterm grades are only reported during the fall and spring semesters.

Modern Language Placement Tests
Franklin College offers modern language placement tests for French, German, and Spanish. See the French and Spanish curricula in this catalog for detailed information on how to receive credits for courses relating to the placement exam. All students who have taken coursework in French, German, or Spanish are required to take the appropriate modern language placement test or sign the foreign language placement test waiver upon admittance to the college. Those with experience in other foreign languages should take an assessment off campus and send the results to the Academic Records Office. College Level Examination Program (CLEP) subject exams may be taken to demonstrate proficiency in a particular foreign language.

Non-traditional Credit
Franklin College may award a maximum of 16 credit hours for documented nontraditional training or courses. Academic credit *may be awarded* for successful completion of non-collegiate courses or training programs which are recommended for credit by the American Council on Education as reported in either *The Directory of the National Program on Non-Collegiate-sponsored Instruction (College Credit Recommendations)* or *The National Guide to Educational Credit for Training Programs.*

Off-Campus Courses
All requests from matriculated students to take courses off campus must be approved by the advisor, the chair of the instructional department, and the Assistant Registrar. If such credit is to be used to meet teacher licensure requirements, the teacher licensure officer must also give approval. The off-campus course request form is available in the Academic Records Office.

Workshops will not ordinarily be accepted for credit. Correspondence study through a regionally accredited institution may be accepted, but must have prior approval by the advisor, the instructional departments affected, and by the Associate Registrar.

Before submitting the form to the Academic Records Office for final approval, the student should consult with his/her advisor and attach the necessary course description to the request form. Courses transferred from another institution will not impact the student's GPA.

Students taking courses during the fall, spring, or summer terms as a guest student at another institution are responsible for all arrangements and registration activities at the hosting institution. All tuition, fees, and books are the student's responsibility. **At the completion of the course, the student needs to request that an official transcript be sent to the Franklin College Academic Records Office for processing transfer credit.**

Petitions
Occasionally circumstances occur when a student needs a change or a waiver of a college requirement. That student can submit a petition requesting that change or waiver to the Academic Rules Committee for review. Changes to departmental requirements must be approved by the faculty in the department. All changes or substitutions must be communicated to the Academic Records Office.

Practica
Practica are learning experiences in which students receive a grade and academic credit for using skills learned in the classroom in a practical context outside the classroom. Every credit given will represent approximately 30 to 40 hours of student work on the project. Many practica require the student to document the process of the application of these skills. Departments may define specific requirements of their respective practica with the implication of faculty supervision and regular consultation.

Pre-professional Programs
The faculty of Franklin College advise students who are interested in graduate or professional schools, such as dentistry, medicine, law, engineering, optometry, podiatry, medical laboratory science, pharmacy, physical therapy, occupational therapy, physician's assistant, and veterinary medicine, to learn the specific course requirements of the schools of interest to them. Professional schools do not require students to graduate with a specific major. They seek individuals who show competence in selected areas of knowledge, who can think analytically, and who can express themselves effectively. As one of the ways to aid students in achieving their professional goals, Franklin College has developed pre-professional programs that meet most of the general entrance requirements of the professional schools. These programs, however, are not majors, and students must complete the requirements for at least one of the college's majors in order to graduate from Franklin College.

The college's pre-law advisor, Professor Randall Smith, should be consulted about best practices in preparation for law school. A student from any major, with the right skills and preparation, may attend law school. The college's Academic Catalog provides the plan for students obtaining a pre-law designation. Students should contact a prelaw advisor early in their career at Franklin College to ensure they are following the proper course requirements.

The college's pre-medical advisor maintains lists of recommended courses for students preparing for entrance to medical school or other health care related professional schools. This information can also be obtained from the

College Health Professions Program web page on the college's website. Since the specific admission requirements of schools of medicine, optometry, veterinary medicine, dentistry, and pharmacy differ, students should consult with the appropriate pre-professional advisor during their first year to ensure they are enrolled in the proper courses.

The college's pre-engineering advisor, Dr. John Boardman, maintains five-year plans for Franklin's cooperative 5-year program with the Witchger School of Engineering at Marian University. Students in this program earn a B.A. degree from Franklin College in Applied Mathematics and a B.S. degree from Marian University in one of three engineering fields, typically in the span of five years. The engineering degrees available through this program are: Chemical Engineering, Civil Engineering, and Mechanical Engineering. Students should consult with the pre-engineering advisor during their first year to ensure they are enrolled in the proper courses. See the engineering section of this catalog for further details.

Prerequisites
All prerequisite courses must be completed with a grade of C- or better unless otherwise noted in the course description.

President's List
The President's List is a published announcement of high academic achievement for the fall and spring semester. To be eligible for this honor, a student must complete **12 or more regular-graded** credit hours for the semester (courses taken on a pass/fail basis are not included in the 12 hours) and achieve a semester grade point average of 4.00 (A=4.00).

Readmission
All previously enrolled students who are interested in reapplying for admission to Franklin College must submit their application for readmission to the Franklin College Office of Admissions. Students seeking readmission need to complete the Readmit application at application-for-readmission_FNL_fillable.pdf. **The deadline for receipt of applications for readmission will be no later than one month prior to the beginning of classes for that semester or term.**

1. Any Franklin College student who withdraws or does not continue consecutive semester enrollment must **apply for readmission** and be readmitted to the college **in order to enroll in any classes**.
2. Policies of the academic catalog:
    - If a student who has not been at the college for 1 (one) semester is granted readmission, the student can remain under his/her original academic catalog.
    - If a student who has not been at the college for 2 (two) or more semesters is granted readmission, the student will be under the academic catalog in current use.
3. If a student is readmitted after academic suspension, the student returns on academic probation and all the policies of the current academic catalog will apply automatically.
4. If a student is readmitted after being placed on academic probation, the student returns on academic probation and all the policies of the current academic catalog will apply automatically.
5. All students including those who attended another college(s) during their time away from Franklin College are required to submit all official college transcript(s), a statement outlining reason(s) for returning to the college, and a Transfer Student Recommendation Form(s) as part of the readmission process.
6. All students must submit a $200 enrollment deposit to the Office of Admission to confirm their intent to enroll. Students will not be permitted to register for courses until their enrollment deposit is received.

No previously enrolled student who has outstanding financial obligations to Franklin College will be readmitted until such obligations have been satisfied.

Registration
Students must formally register every term or semester they are in attendance. Course planning and scheduling for each semester and term are done in consultation with the student's academic advisor. All necessary financial arrangements must be made with the business office prior to official registration. Registration is held during a published, designated time one semester prior to the semester of attendance and no later than the day prior to the first day of classes. Note: The college reserves the right to administratively adjust any student's schedule.

Satisfactory Progress toward a Baccalaureate Degree
Regularly enrolled students are expected to follow a program of study which would lead to a baccalaureate degree within four to six years. Such students will be considered to be making satisfactory progress toward a baccalaureate degree. Students whose programs do not meet this goal will be expected to justify to the Registrar the need for a longer time period.

Students who are receiving financial assistance are reminded that financial aid is awarded on the assumptions of a student's maintaining full-time status and completing a degree in no more than eight semesters for Franklin College and State of Indiana assistance and six years for federal assistance. A student should consult the Financial Aid office if he/she has questions about satisfactory progress for financial aid purposes.

Second Bachelor's Degree
An individual who holds a bachelor's degree from another regionally accredited college or university (not Franklin College) and has participated to a significant degree in an academic program in the liberal arts and sciences may earn a bachelor of arts degree from Franklin College. **Requirements are successfully completing a minimum of 48 semester hours of coursework at Franklin College which includes all major requirements.** If the previous degree was awarded by Franklin College, the student cannot earn a second degree from Franklin College.

Senior Competency Practicum
Prior to graduation, each student must demonstrate that he or she has achieved competency in the outcomes specified by the department for the student's major. The department may require that competency be demonstrated in any of the following ways:

1. A written examination given separately or as part of a course;
2. An oral examination given separately or as part of a course;
3. A standardized examination given separately or as part of a course;
4. A capstone project completed independently or as part of a course.
5. Successful completion of a senior seminar or other capstone course within the major.

The student must receive a passing grade on the exam or project or in the course of which either is a part in order to graduate.

Senior Residence
The college grants degrees only to those who have completed a minimum 48 semester hours, usually the final 48 semester hours, at Franklin College or who have secured, in advance, permission of the VPAA to spend the year in a professional school. Those taking *part* of their final 48 semester hours off-campus must petition the Academic Rules Committee: students studying abroad do not need to petition. Students must enroll at Franklin College for at least one course during the semester immediately preceding degree completion. In special cases, exceptions may be made by petitioning the academic rules committee. Service members on active duty are subject to a different residence policy; consult the Veterans and Military Affairs, Services, and Policies topic later in this section for details.

Testing Out of Courses
There may be an occasion when a student believes past experience or knowledge would make attendance in a regular college course unnecessary. The student must obtain departmental approval and petition the Registrar for permission to attempt a departmental exam. No department is required to provide an exam for this purpose. If the

department and Registrar grant permission, an appropriately-qualified faculty member, appointed by the chairperson, devises and schedules an exam. Faculty members designated by the chairperson will grade the test and assign a satisfactory or unsatisfactory grade.

These exams are offered on a department-by-department basis. They may not be taken for credit but a successful score may exempt a student from a requirement.

Transfer Policy (abbreviated)
Franklin College will consider undergraduate credits in transfer from all courses taken through an accredited College or University (post-secondary institution) where the accrediting body is recognized by the Council for Higher Education Accreditation (CHEA) and the US Department of Education (DOE) when it can be shown that each course considered has been satisfactorily completed with a grade of C- (1.67) or better and that the course was comparable in content, nature, and intensity of course(s) offered at Franklin College. **Grades attained at another institution are not transferable and are not used in computation of the Grade Point Average (GPA) at the Franklin College.** Students must complete a minimum of 48 credit hours at Franklin College. No more than 16 credit hours of non-traditional credit may be awarded. No more than 16 hours of armed forced credit may be awarded.

The Academic Records Office will evaluate all undergraduate, post-secondary school education presented from outside Franklin College. College transcripts, official test scores, signed military documentation, or the equivalent are evaluated after a student is admitted to Franklin.

Transfer courses eligible for transfer credit will be documented on the Evaluation of Transfer Credit form. A course may transfer as an equivalent, as undistributed credit within a department, or as general undistributed credit. Undistributed credits are those courses which are acceptable for transfer credit but have no Franklin College equivalent. These courses are indicated on the Evaluation using the notation "XXX". When the evaluation is complete, the student receives, by mail or e-mail, a written confirmation of the evaluation detailing transfer credits received. Often times, the evaluation will ask for additional information from the student such as a course syllabus. Upon receipt of this information the evaluation will be reconsidered, updated accordingly, and re-sent to the student. No transfer of credit is official until approved by the Academic Records Office.

Please consult the Academic Records Office for a copy of the comprehensive Franklin College transfer policy.

In no case will transfer grades received from other institutions be included in the Franklin College grade point average.

Veterans and Military Affairs, Services, and Policies
The Academic Records Office houses official veterans/military files, certifies students for benefits, and updates academic progress with the VA. Please communicate all changes to academic plans to the Veterans Affairs Certification Officer in the Academic Records Office. Those wanting additional information should contact the Veterans Affairs Certification Officer in the Academic Records Office located on the first floor of Old Main.

Armed Forces Credit
Franklin College may award a maximum of 16 credit hours for armed forces credit. The most recent edition of the American Council on Education's *Guide to Evaluation of Educational Experiences in the Armed Forces* recommends credit hour equivalencies. One semester hour of physical education credit may be awarded for every year of active military service, up to a maximum of two semester hours. Active military service must have been honorable and terms of service must be officially documented.

Military Withdrawal/Financial Reimbursement

If a student is deployed or transferred for military service during the semester or term, the student is responsible for contacting the academic advisor and Academic Records Office to determine the best course of action regarding the withdrawal from classes or the issuance of incomplete grades before leaving. The student may decide to withdraw from classes or file for an incomplete on an individual course basis. In the case of incomplete grades, individual faculty will be consulted to determine the feasibility of completing all coursework. Fees will be reversed if the student is deployed or transferred in the middle of the semester or term and is forced to withdraw from all classes.

Residence Policy for Active Duty Service members

Franklin College understands the unique situation that service members on active duty face when trying to complete their degree, and values the sacrifices that these service members must make. Active duty service members must complete a minimum of 32 semester hours at Franklin College to be eligible for a degree. Those hours are recommended, but not required, to be the final 32 semester hours. It is the responsibility of the service member to notify the Registrar if he/she is pursuing a Franklin College degree while completing his/her degree requirements elsewhere, and to ensure all degree requirements are met according to the catalog under which he/she entered.

Withdrawal from College

A student may withdraw from the college with grades of "W" through the ninth week of the semester. In the event of a withdrawal after the ninth week, the student will receive either a "WP" or a "WF" based on the grades earned up to the time of withdrawal. A grade of "WF" is calculated into the GPA as an "F." No withdrawals will be permitted after the final examination period begins.

If the student withdraws or is suspended from the college before final examinations, as opposed to dropping or withdrawing from a course, the permanent record will note the date of withdrawal unless special permission to exclude course enrollment from the permanent record has been granted by both the Dean of Student Success and the VPAA for circumstances beyond the student's control.

Before withdrawing from the college, a student must complete the appropriate withdrawal process through the Dean of Student Success, as well as secure clearance in the Business Office. Failure to do so may result in loss of possible refunds, as well as receiving grades for the semester rather than "WP"s or "WF"s. If a student is under the age of 18, it is the responsibility of the student to procure parental acknowledgment of the withdrawal.

To return to Franklin College after withdrawing, a student must submit an application for readmission, available online and in the Office of Admissions, which must be processed at least one month prior to the beginning of the term to which he/she seek readmission. Students absent from Franklin College for two consecutive academic semesters will be held to degree requirements of the catalog in place upon return. Students who have outstanding financial obligations to Franklin College will not be readmitted until such obligations have been satisfied.

Information about adjustments to tuition, board, fees and financial aid can be found in the Expenses and Financial Policies: Reduction of Fees section of this catalog.

Cooperative Programs

Cooperative Program Costs and Financial Aid
Students should be aware that the cost of many of these cooperative programs frequently exceeds what is normally spent for a semester at Franklin College. These programs may change their fees each semester. Students will be responsible for the amount these programs charge in lieu of Franklin College charges for tuition, room, board, and activity fee. A limited amount of need-based financial aid may be available for those who wish to enroll in cooperative programs. Students are invited to apply for off-campus financial assistance through the Office of Financial Aid.

Accelerated Master of Public Health
Franklin College offers an accelerated Master of Public Health Program (AMPH) in the form of a 3 + 2 combined Bachelor of Arts (3 years) and Master of Public Health (2 years) degree with the IU-I Richard M. Fairbanks School of Public Health. Upon successful completion of a minimum of 105 credit hours (in three years) of baccalaureate instruction at Franklin College and the core requirements of the Master of Public Health degree (in the 4th year) at IU-I (15 credit hours), the student will be eligible to receive a baccalaureate degree from Franklin College. After completion of the required credits in the MPH program, the student will then be eligible to receive the MPH degree from IU-I. For a complete list of requirements, refer to the section on Accelerated Master of Public Health and contact the AMPH faculty advisor: Arbin Thapaliya.

Engineering - Witchger School of Engineering at Marian University
Franklin College maintains a cooperative 5-year program with the Witchger School of Engineering at Marian University. Students in this program earn a B.A. degree from Franklin College in Applied Mathematics and a B.S. degree from Marian University in one of three engineering fields, typically in the span of five years. The engineering degrees available through this program are: Chemical Engineering (B.S.), Civil Engineering (B.S.), and Mechanical Engineering (B.S.). Students pursuing an Engineering degree will declare a major in Applied Mathematics and follow that degree program as stated in the catalog.

Students following the engineering program will be required to make certain selections in their liberal arts core and for major courses currently listed as electives in order to satisfy the engineering requirements at Marian. See the engineering section of this catalog for further details.

Medical Laboratory Science – Indiana University Health Methodist Hospital
Franklin College has a combined degree program in medical laboratory science conducted in cooperation with Indiana University Health Methodist Hospital in Indianapolis, Indiana. After completion of three years of college work and fulfilling graduation requirements, students may receive a Bachelor of Arts degree upon completion of a 12-month course in medical laboratory science. For a complete listing of requirements, refer to the section on medical laboratory science and contact Professor Arbin Thapaliya.

Nursing-University of Indianapolis School of Nursing
Franklin College maintains a cooperative “3+1” program with the University of Indianapolis School of Nursing (UIndy). Students in this program earn a Bachelor of Arts degree from Franklin College in a chosen major and a Bachelor of Science in Nursing (BSN) degree from UIndy. Upon successful completion of all Franklin College requirements (3 years) and the first year of courses at UIndy (1 year), students will receive a B.A. degree from Franklin College. At the completion of the remaining courses at UIndy (3 months), students will receive the B.S.N. degree from UIndy. See the nursing section of this catalog for further details.

Professional School Degree Program

Under conditions approved by the major department and the Registrar, Franklin College will award the BA degree to a student who completes all degree requirements and at least 100 hours in three years at Franklin College combined with the first year of work at a recognized school of law, dentistry, optometry, occupational therapy, physical therapy, pharmacy, veterinary medicine, or medicine. A student must complete the 100 semester hours with a cumulative grade point average of 2.00 (A=4.00). The student must complete graduation requirements and that portion of the major which will be consistent with the professional training and the combined degree. A petition to the Registrar must be submitted during the last semester at Franklin College.

Global Education Programs

Intercultural Honors Experience (IHE)
The Intercultural Honors Experience is a competitive program designed to help students build a solid intercultural foundation, introduce them to interdisciplinary learning, and provide them with opportunities and incentives to study abroad.

The core element of the program is completed in the spring: students take a seminar which focuses on a topic or issue of global interest. As part of this course, students present a research paper at a symposium open to the campus community and the public.

After successfully completing all the elements of the program, students are eligible to apply for scholarships that they can use to study abroad for a semester or a summer program. The amount each student receives will be based on the number of applicants, each student's financial need, the cost of their program, and the quality and amount of planning put into their application. While the selection committee strives to help all students as much as possible, the amount of funding each student will receive cannot be guaranteed. It is strongly recommended that all students work with the Office of Global Education to find a study abroad program that is affordable.

Applicants will be evaluated based on an interview, their academic achievement in high school (for first-year students) and at Franklin College, their community involvement, extra-curricular activities, reference letters, and an exam. For more information on this and all international programs at Franklin College, please go to https://franklincollege.edu/academics/academic-initiatives/global-education/#section2

IHE 100 Intercultural Honors Experience Seminar		4 credit hours
Spring	International exploratory	Prereq: selection by committee

The course will serve to show students how the humanities, social sciences and natural sciences all contribute to an in-depth understanding of a major global issue or world region. Topics will vary depending on faculty interest and with approval of the Vice President of Academic Affairs. Students who successfully complete this course will receive credit for the international requirement.

Global Education Opportunities
Franklin College recognizes the value of carefully planned study abroad for students who are qualified and interested in such opportunities. A list of Franklin College's preferred provider programs is below. More details on each program can be found at https://franklincollege.edu/academics/academic-initiatives/global-education/#section2 or at the Office of Global Education.

Students must be in good standing at Franklin College to study away. The program must be approved in advance by the student's major advisor. Upon return, students are expected to present evidence, via an official transcript, of satisfactory achievement (C- or above) in all courses presented for transfer credit. It is preferable for students to complete their final semester of study at Franklin College in order to ensure that courses are transferred in time for graduation.

Costs and Financial Aid
Students should be aware that the cost of studying abroad will vary. Semester study away students must travel overseas through a preferred provider program. Semester students will pay the program fee for tuition and accommodation charged by the partner program plus a $1000 Franklin College administration fee. Both the administration fee and the partner program costs will be billed to the student by Franklin College for semester programs. Summer study away students can travel abroad through an approved Franklin College program. Summer students will pay all program fees directly to the overseas program. With the assistance of generous donors,

Franklin College has established scholarships specifically for international travel. For additional information regarding specific scholarships available for international travel contact the Office of Global Education.

Franklin College Preferred Provider

ISEP Direct – Multiple Destinations
CIS-Multiple Destinations
Plan My Gap Year-Multiple Destinations

The Curriculum

Majors and Minors

A student may earn the Bachelor of Arts degree upon completion of requirements in a program of liberal arts and a specialized field of study. Franklin College offers majors in a variety of traditional academic disciplines, as well as fields that uniquely blend the study of traditional liberal arts and sciences with pre-professional preparation.

Franklin College currently offers **majors** in the following fields:

Accounting	Elementary Education	Political Economy
Art History	English	Political Science
Art Studio	Exercise Science	Psychology
Biology	French	Public Relations
Business	History	Religious Studies
Chemistry	Mathematics	Sociology
Computer Science	Multimedia Journalism	Software Engineering
Creative Writing	Music	Spanish
Data Science	Neuroscience	Sports Communication
Economics	Philosophy	Theatre
		Individualized Major

In addition, a student may complete an optional **minor** in the following fields:

Accounting	Environmental Science	Political Economy
Art History	Entrepreneurship	Political Science
Art Studio	Fitness	Professional Writing
Biochemistry	French	Psychology
Biology	Graphic Design	Public Relations
Biomedical Physics	History	Quantitative Methods
Business	International Relations	Religious Studies
Chemistry	Leadership	Software Engineering
Coaching	Mathematics	Spanish
Computer Science	Multimedia Journalism	Sports Communication
Creative Writing	Music	Strength & Conditioning
Data Science	Neuroscience	Theatre
Economics	Philosophy	Visual Communications
English		*Individualized Minor*

Cooperative Programs:

Dentistry	Medical Lab Science	Pharmacy
Engineering (suspended)	Nursing	Public Health

Pre-Professional Programs:

Pre-Dental	Pre-Occupational Therapy	Pre-Physician's Assistant
Pre-Law	Pre-Optometry	Pre-Podiatry
Pre-Medical	Pre-Pharmacy	Pre-Veterinary
Pre-Medical Lab Science	Pre-Physical Therapy	

Degree Requirements

Franklin College requires students to complete the following requirements for the Bachelor of Arts degree:

1. **Total Credit Hours**: A minimum of 120 hours with a cumulative grade point average of 2.00 (A=4.00) or higher. Education majors, designated tracks in some majors, as well as double or triple majors may require more than 120 hours and enrollment beyond a fourth year. A maximum of 16 credit hours of internship credit may be applied toward the minimum 120 semester hours required for graduation.
2. **LA Requirements:** Successful completion of the liberal arts requirements.
3. **Major Requirements**: Successful completion of all requirements for an academic major with a grade of 'C-' or better per course in the major field. However, a minimum grade point average of 2.00 (A=4.00) is required in the major field, unless otherwise specified by individual departments. All majors require at least 24 semester hours in addition to those hours used to satisfy the liberal arts requirements.
4. **Minor Requirements**: A grade of 'C-' or better in all courses required for the minor. However, a minimum grade point average of 2.00 (A=4.00) is required in the minor field, unless otherwise specified by individual departments. A minor is not required for graduation.
5. **Foreign Language Requirement**: Students who upon matriculation do not demonstrate proficiency equivalent to satisfactory completion of a Franklin College foreign language course numbered 111 or higher or the equivalent at another institution must complete such a course prior to graduation.
6. **Undergraduate Research Requirements:** Successful completion of the scaffolded undergraduate research experience administered by the academic department in which the student completes a major. (See Expectations and Outcomes in the UGR section.)
7. **Professional Requirements**: Successful completion of the professional development program administered by the academic department in which the student completes a major. Students with multiple majors need only complete professional development requirements in one major, to be determined in consultation with the departments involved and, if necessary, the director of professional development. (See additional details in the Integrated Professional Development section.)
8. **Immersive-Term Immersive Experiences:** Students must complete a minimum of two immersive experiences during the three-week immersive term. One of these two experiences must be an on-campus, immersive course (3 credit hours) during the student's first year at Franklin College. The second must be an off-campus immersive experience (1-3 credit hours), such as an internship (which may be a new experience, a continuation of a fall internship, or in conjunction with a spring internship), field experience, practicum, study away experience, undergraduate research opportunity, community-based project, or other approved off-campus, credit-bearing experience. A department-approved on-campus immersive experience may also be used to satisfy the second immersive requirement. Students cannot take a second on-campus immersive course to satisfy their second immersive-term experience. The number of immersive term credit experiences required of transfer students will be determined by the number of hours completed prior to entering Franklin College. All students must enroll in an immersive-term immersive experience during their first year at Franklin College. Students wishing to study abroad during their first year on campus may do so if they are accepted into the course. This study away experience will satisfy the on-campus immersive course requirement. Students may do two study away experiences to satisfy both immersive-term experiences.
9. **Senior Competency Practicum**: Successful completion of the senior competency practicum administered by the academic department in which the student completes a major. Students complete the senior competency practicum in the last year during which course requirements for the major are completed. Double and triple majors are required to complete a senior competency practicum in all majors.
10. **Final 48 Credit Hours:** The last 48 credit hours, as a minimum, must be completed at Franklin College.

Note: Students seeking teacher licensure may have different requirements than those listed above. Please refer to the education department section for details.

The Pursuit Curriculum

Mission: The relevant & responsive liberal arts curriculum is the heart of a Franklin College education. An education that nurtures personal and professional development. The program is designed to provide a breadth of experience in the liberal arts while preparing students to think critically; communicate effectively; apply knowledge and skills; solve problems; and reflect on events, actions, and behaviors in a rapidly changing world. The curriculum scaffolds foundational skills yet permits each student to design a learning experience that best suits individual needs, strengths, and interests.

Student Learning Outcomes of the Relevant and Responsive Liberal Arts Curriculum:

- The curriculum offers a developmental and experiential liberal arts program of study. As a result of engaging in this learning experience, students will:
- Demonstrate discernment,
- Apply learning, and
- Express ideas clearly.

These overarching outcomes will be measured via five key student behaviors:

1. **Employ critical thinking**
   By developing the ability to think critically, students habitually explore many facets of an issue, idea, artifact, composition, piece, study, and/or event before accepting an opinion or formulating a conclusion.
2. **Communicate effectively**
   Effective communication ensures that students present information clearly resulting in enhanced knowledge or understanding.
3. **Evaluate issues and systems of personal and public concern**
   This evaluation allows students to engage with and reflect on policies, philosophies, issues, and systems, governmental and non-governmental, that guide society and empower students to act for the public good.
4. **Apply knowledge of global contexts**
   As students apply knowledge of global contexts, they demonstrate the ability to examine and explore multifaceted global challenges and their historical roots.
5. **Solve problems**
   Today's ambiguous environment requires student to adapt to constantly changing problems and parameters. Problem solving requires students to explore alternatives, break complex components into understandable pieces, and implement tested strategies to answer complex questions.

Liberal Arts Core Curriculum

The full liberal arts core curriculum includes six core courses, seven exploratory courses and a foreign language requirement. Courses with an LA prefix may not be used to satisfy exploratory requirements and vice versa.

CORE	CREDITS
FYS 101: First-Year Seminar	4
LA 101: Reading & Writing Critically	4
*LA 111: Public Speaking	3
LA 102: Past and Present	4
*LA 103: Quantitative Reasoning (MAT/SOC 224, MAT 181, MAT 135, and CMP 130)	3-4
LA 201: Analyzing Literature	4
Subtotal	**22-23**
EXPLORATORIES	
Civic Learning	3-4
Comparative Perspectives	3-4
Creative Arts	3-4
International	3-4
*Scientific Thinking	4-5
Reasoning & Values	3-4
Human Behavior	3-4
Subtotal	**22-29**
Language Requirement	4-8
Subtotal	**26-37**
TOTAL	**48-60**

*Courses with **Technology Integration**. In the contemporary workforce, employers expect students to have experience with basic technologies. Awareness and appropriate use of technologies can aid in decision making and facilitate virtual teamwork. It is critical that students understand the benefits and drawbacks of using technology in various contexts.

Liberal Arts Course Sequencing

CORE	SEQUENCING
FYS 101: First-Year Seminar	Fall, First Year
LA 101: Reading and Writing Critically	Spring, First Year
LA 111: Public Speaking	First or Second Year
LA 102: Past and Present	First or Second Year
LA 103: Quantitative Reasoning (MAT/SOC 224, MAT 181, MAT 135, and CMP 130)	First or Second Year
LA 201: Analyzing Literature	Fall, Second Year
EXPLORATORIES	
Civic Learning	Anytime
Creative Arts	Anytime
Comparative Perspectives	Anytime
Human Behavior	Anytime
International	Anytime
Reasoning & Values	Anytime
Scientific Thinking	Anytime

Core Courses and Descriptions

FYS 101 First-Year Seminar		4 credit hours
Fall		

The First-Year Seminar is a reading-intensive course that invites students to explore provocative topics, ask meaningful questions, and engage in academic discourse. This course helps lay the foundation of the undergraduate research experience by asking students to evaluate and effectively use information sources. Throughout the course, students will strengthen connections with the college and each other. This course is to be taken during the student's first semester on campus. Students may not transfer in credit for this course. (Sections will be designated for transfer students as needed. Students must pass the course with a D- or better to graduate. Students wishing or needing to retake the course must do so in the subsequent semester the course is offered.)

LA 101 Reading and Writing Critically		4 credit hours
Spring and summer		

A writing-intensive topics course focused on the self in society. Introduces critical thinking, reading and writing, and the art of argumentation. (Specific course topics and descriptions are available online in Self-Service.) *Students in LA 101 must earn a C- or better to enroll in LA 201 in a subsequent semester.*

LA 102 The Past and Present: The World Since 1750		4 credit hours
Fall and spring		

A systematic examination of the individuals, groups, ideas, institutions, and events that shaped world societies from 1750 to the present. The course will cover political, economic, social, religious, intellectual, and cultural developments with special emphasis on the connections between the historical evolution of the modern world and major contemporary issues. Incorporates research using electronic and print resources.

LA 103 Quantitative Reasoning		4 credit hours
Fall and spring		Note: placement based upon mathematics placement criteria

Students will be introduced to quantitative approaches and mathematical tools for understanding the world, thinking critically about quantitative and logical information, and making informed decisions about issues in everyday life. This course emphasizes connections with a variety of other disciplines. Incorporates use of spreadsheets. Course satisfies liberal arts core curriculum mathematics requirement. *Note: Students may be placed in ASC 082 concurrently with LA 103 based upon mathematics placement criteria.*

LA 111 Public Speaking		3 credit hours
Fall and spring		

A study of the principles, methods, and purposes of various types of oral communication, chiefly extemporaneous. Students will receive instruction and practice in the preparation, delivery, and criticism of at least three speeches while developing an understanding and knowledge of the communication process. Incorporates use of presentation software.

LA 201 Analyzing Literature		4 credit hours
Fall and summer		Prereq: C- or better in LA 101 and sophomore standing

A writing-intensive topics course in literature designed to help students understand literature, think metaphorically, and support literary interpretations through critical reading of texts. Each instructor will choose a specific theme and/or set of readings to accomplish this goal. (Specific course topics and descriptions are available online in Self-Service.) This course should be completed by the end of the sophomore year.

Exploratory Courses

As one component of a liberal arts education, exploratory courses are designed to broaden students' curiosity and enthusiasm for a diverse set of disciplines; introduce students to alternative ways of understanding themselves, others, and the world; and give students tools to innovate, lead, and serve in ever-changing professions in a globally connected world.

Students are required to take at least one course from each of the following seven categories: civic learning, creative arts, comparative perspectives, human behavior, international, reasoning & values, and scientific thinking. Permitted substitutions are listed at the end of the exploratory course options. Students may fulfill up to two exploratory requirements using courses with the same departmental prefix, including courses that fulfill major requirements. One course may satisfy up to two exploratory requirements if it is listed in both categories.

Notes:
- Throughout the catalog, odd and even years refer to the start of the academic year. Thus, 2019-20 is an odd academic year.
- Courses with prerequisites are in *Italics*.
- To review course descriptions, see the respective major departments.

Civic Learning *(3-4 hours credit)*

Recognizing the historic and contemporary relationship between education and the maintenance of our democratic traditions, this category empowers each student to build a bridge from academic study to the role of an adult citizen. To thrive, our civil society requires engaged and educated individuals who will serve the public in a government role and/or engage with government toward the public good. Similarly, civically literate adults enjoy the ability to solve complex public and private problems, to assert their rights, and to effectively articulate informed opinions to public decision-makers. The experience equips students with the tools needed to understand and impact policy and governmental structures that guide our society and prepares students to use informed decision-making to evaluate governmental action/inaction. This experience will not indoctrinate students in the values of one party or political viewpoint. A designated course in the major may satisfy this requirement. ***Transfer courses may not fulfill this exploratory requirement unless approved.***

BIO 205	*Environmental Issues (On demand)* *Prerequisite: LA 101*	*3 credit hours*
BIO 312	*Viruses and Viral Disease (Spring, even years)* *Prerequisite: D- or higher in BIO 140*	*3 credit hours*
BIO 320	*Conservation Biology (Fall, odd years)* *Prerequisites: BIO 134, BIO 140, & BIO 240*	*3 credit hours*
BUS/PDP/SOC 358	*Personal Finance and Public Policy (Fall and Spring)* *Prerequisite: MAT 131, MAT 135, MAT 224, or LA 103*	4 credit hours
EDU 210	Educational Philosophy, Law, & Ethics (Fall & Spring)	3 credit hours
ENG/NPL 485	*Communications Consulting Project (Fall)* *Prerequisite: LA 201 & senior standing*	*3 credit hours*
HIS 121	U.S. History since 1877 (Spring)	3 credit hours
KIN 315	Health/Wellness Issues & Trends in Society (Fall & Spring)	3 credit hours
LAN 300	Faces of Immigration: Latin American & US Perspectives (Spring)	4 credit hours
LAN 300	The War on Drugs: Who's Winning? (Spring)	4 credit hours
LEA/NPL/SOC 315	*Leadership Capstone (Spring, odd years)* *Prerequisite: NPL/SOC 230*	*4 credit hours*
MAT 345	*Statistical Consulting Project (Spring)* *Prerequisite: MAT 224 or MAT 331*	*3 credit hours*

MMJ/PRL/SPR 445	Communication Law in a Digital World (Fall and Spring)	3 credit hours
POL 110	American National Government (Fall)	4 credit hours
POL 225	State and Local Government (On demand)	4 credit hours
POL 234	American Political Participation (Fall, even years)	4 credit hours
PSY 330	*Psychology and Law (Fall, odd and spring, even years)* *Prerequisite: PSY 117*	*4 credit hours*
SOC 210	Criminal Justice (Fall)	4 credit hours

Creative Arts *(3-4 hours credit)*

Students will explore the creative arts as a means of creativity that can transcend barriers of time, space, language, and culture. Students may fulfill this requirement with any theory or studio course in the following list.

ART 116	History of Art I (Fall, even years)	4 credit hours
ART 117	History of Art II (Spring, even years)	4 credit hours
ART 130	2D Foundations (Fall & Spring)	3 credit hours
ART 135	3D Foundations (Fall, odd years & Spring)	4 credit hours
ART 140	Graphic Design I (Fall & Spring)	4 credit hours
ART 160	Drawing I (Fall, even years & Spring))	3 credit hours
ART 170	Painting I (Fall)	3 credit hours
ART 175	Ceramics I (Fall & Spring)	3 credit hours
ART/MMJ/PRL/SPR 190	Digital Photography (Fall & Spring)	3 credit hours
ART 230	Modern Art (Spring, odd years)	4 credit hours
CWR 150	Introduction to Creative Writing (Fall) (Concurrent or prior enrollment in LA 101 recommended but not required)	4 credit hours
MUS 119	Introduction to Music (Spring)	4 credit hours
MUS 219	World Music (Fall)	4 credit hours
MUS 330	*Music History I (Fall, odd years)* *Prerequisites: MUS 110 & MUS 111*	*4 credit hours*
MUS 331	*Music History II (Spring, odd years)* *Prerequisites: MUS 110 & MUS 111*	*4 credit hours*
THE 110	Theatre Appreciation (Fall, & Spring, even years)	3 credit hours
THE 125	Script Analysis and Theory (Fall)	3 credit hours
THE 170	Theatre History (Spring, even years)	3 credit hours
THE 190	Film Appreciation (Spring, odd years)	3 credit hours
THE 205	Acting I (Fall)	3 credit hours

As an alternative, students may fulfill this requirement by earning total of *four* credits in either of the two following music course combinations:

MUS 170 & MUS 171	Class Guitar I and II (On demand)	2 credit hours
MUS 180 & MUS 181	Class Piano I and II (Fall, Spring)	2 credit hours

As an alternative, students may fulfill this requirement by earning a total of *four* credits in one or more of the following music ensembles (courses can be repeated):

MUS 121	Franklin College Singers (Fall & Spring)	1 credit hour
MUS 122	Men's Chorus (Fall & Spring)	1 credit hour
MUS 123	Women's Chorus (Fall & Spring)	1 credit hour
MUS 124	Franklin College Band (Fall & Spring)	1 credit hour
MUS 125	String Ensemble (On demand)	1 credit hour
MUS 127	Percussion Ensemble (Spring)	1 credit hour

Comparative Perspectives *(3-4 hours credit)*

Comparative Perspectives courses at Franklin College address one or more forms of physical, cultural or social differences between groups of people and will engage students in the study of a topic or issue that allows for exploration of the challenges of creating a diverse society including: (1) comparison of multiple perspectives, (2) understanding of power relations that influence intergroup relations and (3) building skills for effective interaction across differences. The comparative perspectives requirement allows students to develop knowledge of intergroup dynamics and the competencies of empathy and effective communication that are necessary for success in an increasingly diverse environment. Students can fulfill this requirement with any course in the following list.

ART 230	Modern Art (Spring, odd years)	4 credit hours
ART 335	Contemporary Art (Fall, odd years)	4 credit hours
DAT 110	Human Perspectives in Data Science (Spring)	3 credit hours
EDU 315	*Global Perspectives in the Elementary Classroom (Fall)* *Prerequisite: Admitted to El. Ed.)*	*3 credit hours*
ENG 234	*African American Literature (Spring, even years)* *Prerequisite or Co-requisite: LA 101*	*4 credit hours*
ENG 235	*Native North American Literature (On demand)* *Prerequisite or Co-requisite: LA 101*	*4 credit hours*
ENG/WST 236	*Gender and Sexuality in Literature (Fall, even years)* *Prerequisite or Co-requisite: LA 101*	*4 credit hours*
ENG 238	*American Minority Literature (On demand)* *Prerequisite or Co-requisite: LA 101*	*4 credit hours*
ENG/THE 376	*Dramatic Literature II (Spring, odd years)* *Prerequisite: ENG 118 or LA 201 or THE 110 or THE 125*	*4 credit hours*
EXE 425	*Exercise Prescription for Special Populations (Fall and spring)* *Prerequisite: EXE 372*	*3 credit hours*
FRE 211	*Intermediate French II (Spring)* *Prerequisite: C- or better in FRE 210 or equivalent*	*4 credit hours*
GEO 220	Human World Geography (Fall & Spring)	3 credit hours
HIS 214	The South Atlantic World, 1400-1824 (On demand)	4 credit hours
HIS 231	African American History (Fall)	4 credit hours
HIS/WST 332	*History of Women in the United States (Spring, odd years)* *Prerequisite: HIS 120, HIS 121, or consent of instructor*	*4 credit hours*
HIS 340	Global Military History (Fall, even years)	4 credit hours
KIN 310	Broad Perspective in Sport (Fall and Spring)	3 credit hours
LEA 330	Leadership in a Multicultural Context (Fall, odd years)	3 credit hours
POL 120	Introduction to International Relations (Spring)	4 credit hours
POL 130	Introduction to Comparative Politics (Spring, odd years)	4 credit hours
PSY 315	*Psychology of Diversity (Fall, even and Spring, odd years)* *Prerequisite: PSY 117*	*4 credit hours*
REL 225	Religion in America II: Contemporary Religious Experience (Fall, odd years)	4 credit hours
SOC 210	Criminal Justice (Fall)	4 credit hours
SPA 211	*Intermediate Reading, Writing, and Discussion (Spring)* *Prerequisite: C- or better in SPA 210 or equivalent*	*4 credit hours*
THE 125	Script Analysis and Theory (Fall)	3 credit hours
WST 101	Introduction to Women's Studies (Spring, even years)	4 credit hours

Human Behavior *(3-4 hours credit)*

Students explore the nature of human social behavior, learning to recognize recurring patterns in behavior and belief and the forces that shape them. Students may fulfill this requirement with any course in the following list.

AST 110	Astronomy (Fall, odd years)	4 credit hours
ECO 121	Principles of Microeconomics (Fall & Spring)	3 credit hours
ECO 123	Principles of Macroeconomics (Fall & Spring)	3 credit hours
GEO 220	Human World Geography (Fall & Spring)	3 credit hours
LEA 220	Leadership: Foundations, Theory and Practice (Spring)	3 credit hours
POL 110	American National Government (Fall)	4 credit hours
POL 120	Introduction to International Relations (Spring, even years)	4 credit hours
POL 130	Introduction to Comparative Politics (Spring, odd years)	4 credit hours
PSY 117	General Psychology (Fall & Spring)	4 credit hours
SOC 118	Introduction to Sociology (Fall & Spring)	4 credit hours

International *(3-4 hours credit)*

International courses and learning experiences provide students the opportunity to study the larger world and increase their appreciation of non-US cultures. Courses may be global in scope or may focus on a particular nation or region outside the US and will foster an understanding of complex international/global issues and the role that culture plays in these issues. Students may fulfill this requirement through an international study away experience, a foreign language course at the 200-level or higher or by completing a course from a list of approved international courses.

Note: A second course in this category may not be used to satisfy the comparative perspectives requirement unless the course also appears on the comparative perspectives course list.

ENG 117	World Literature I (Fall)	4 credit hours
ENG 118	World Literature II (Spring)	4 credit hours
ENG 231	*Global Literature (Fall, odd years)* *Prerequisite or Co-requisite: LA 201*	*4 credit hours*
ENG 232	*Greek Literature (Spring, odd years)* *Prerequisite or Co-requisite: LA 101*	*4 credit hours*
FRE 210	*Intermediate French I (Fall)* *Prerequisite: C- or better in FRE 111 or equivalent*	*4 credit hours*
HIS 210	Introduction to Latin American History & Culture (Spring, odd years)	4 credit hours
HIS 211	Latin America, Sport and the Cold War (Fall, even years)	4 credit hours
HIS 212	Pirates of the Caribbean and Beyond (Spring, even years)	4 credit hours
HIS 240	Introduction to European History (Fall, even years)	4 credit hours
HIS 242	Introduction to African History (Fall, odd years)	4 credit hours
HIS 310	Modern Latin America (Fall, odd years)	4 credit hours
HIS 342	*Modern European History (Fall, odd years)* *Prerequisite: LA 102 or consent of instructor*	*4 credit hours*
HIS 355	*Britain and Its Empire (Spring, even years)* *Prerequisite: LA 102 or consent of instructor*	*4 credit hours*
HIS 356	*Russian History (On demand)* *Prerequisite: LA 102 or consent of instructor*	*4 credit hours*
HIS 357	*The End of Empire (Spring, odd years)* *Prerequisite: LA 102 or consent of the instructor*	*4 credit hours*
HIS 361	*East Asian History (On demand)* *Prerequisite: LA 102 or consent of instructor*	*4 credit hours*
HIS 365	*History of the Middle East (Spring, odd years)* *Prerequisite: LA 102 or consent of instructor*	*4 credit hours*
IHE 100	*Intercultural Honors Experience Seminar (Spring)* *Prerequisite: selection by committee*	*4 credit hours*

LAN 300	*Topics in Language* *Pending topic approval. Prerequisite: vary depending on course*	*3 credit hours*
MUS 219	World Music (Fall)	3 credit hours
SOC 330	*Global Transformations (Spring, odd)* *Prerequisite: SOC 118 or consent of instructor*	*4 credit hours*
SPA 210	*Intermediate Spanish (Fall)* *Prerequisite: C- or better in SPA 111 or equivalent*	*4 credit hours*

Reasoning and Values *(3-4 hours credit)*

Through the study of philosophy and religion, students explore their values and beliefs in relation to those of others. Students may fulfill this requirement with any course in the following list.

BIO 225	*Bioethics (Fall)* *Prerequisite: BIO 114 or BIO 134*	*3 credit hours*
PHL 116	Introduction to Philosophy (Fall & Spring)	4 credit hours
PHL 120	Knowledge and Reality (Fall, odd academic years)	4 credit hours
PHL 210	Logic (Fall)	4 credit hours
PHL 220	Principles of Ethics (Spring)	4 credit hours
PHL 230	Philosophy of Language (Fall, even years)	4 credit hours
PHL 314	*History of Philosophy (Spring, odd years)* *Prerequisite: One additional PHL course*	*4 credit hours*
PHL/POL 360	Social and Political Thought (Fall)	4 credit hours
POL 410	*American Constitutional Law I: Powers & Duties (On demand)* *Prerequisite: POL 110*	*4 credit hours*
REL 114	Introduction to Religion (Fall & Spring)	4 credit hours
REL 210	Religion and the Environment (Fall & Spring)	3 credit hours
REL 215	Religion in America I: History of Religion in America (Fall, even)	4 credit hours
REL 220	Old Testament Life and Literature (Fall)	3 credit hours
REL 225	Religion in America II: Contemporary Religious Experience (Fall, odd)	4 credit hours
REL 230	New Testament Life and Literature (Spring)	3 credit hours
REL 240	Giving in Religion (Fall, even years)	3 credit hours
REL/PHL 250	Living Religions East (Spring, even years)	4 credit hours
REL 260	Living Religions West (Spring, odd years)	4 credit hours

Scientific Thinking *(4-5 hours credit)*

Through theoretical study and laboratory work, students have the opportunity to explore the scientific method as one of the primary ways of explaining the natural world. Students will cultivate the ability to use scientific methodology to clarify problems in their daily lives and develop a better understanding of the role of science in a global world. Students may fulfill this requirement with any course in the following list.

ANAT 220 & 220L	*Applied Human Physiology (Spring)* *Prerequisite: ANAT 210 & 210L*	*4 credit hours*
AST 110	Astronomy (Fall, odd years)	4 credit hours
BIO 114	General Biology (Fall & Spring)	4 credit hours
BIO 134/134L	Principles of Biology (Fall)	4 credit hours
CHE 112	Introductory Chemistry (Fall or Spring)	4 credit hours
CHE 121 & 123	General Chemistry I & Lab (Fall)	5 credit hours
ESC 118	Earth Science (Fall & Spring)	4 credit hours

PHY 201 & 203	*General Physics I – Algebra & Lab (Fall)* *Prerequisite: MAT 131 or MAT 135 or consent of instructor*	*5 credit hours*
PHY 211 & 203	*General Physics I – Calculus & Lab (Fall, even years)* *Prerequisite: MAT 135*	*5 credit hours*
PSY 210	Introduction to Neuroscience (Fall, odd years)	4 credit hours

Exceptions and Substitutions for LA Core and Exploratory Requirements

- LA 103 may be satisfied by CMP 130, MAT 135, MAT 181, or MAT/SOC 224

Immersive Term

Degree Expectations

Students entering Franklin College as first-year students are required to complete a minimum of two immersive experiences during the three-week immersive term to meet graduation requirements. One of these two experiences must be an on-campus, immersive course (3 credit hours) during the student's first year at Franklin College. Students wishing to take a study away immersive course during their first year on campus to satisfy this requirement may do so if they are accepted into the course.

The second must be an off-campus immersive experience (1-3 credit hours), such as a

- Field experience
- Practicum
- Independent study
- Undergraduate research project
- Community-based project
- Study away experience
- Other approved off-campus experience

An internship (which may be a new experience, a continuation of a fall experience, or in conjunction with a spring internship) may also be used to satisfy the second immersive requirement. **A department approved on-campus immersive experience may also be used to satisfy the second immersive requirement.**

Students may do two study away experiences to satisfy both immersive-term experience requirements. Students cannot take a second on-campus immersive course to satisfy their second immersive term requirement.

Transfer students entering Franklin College as sophomores (fewer than 58 hours) must meet the same immersive term requirements as first-year students. Entering juniors (58-90 hours) must complete one immersive term experience at Franklin College. A student entering with 91 hours or more has no immersive term requirement and needs to fulfill only 120 total hours for graduation. *Note: A transfer student may petition the registrar for reconsideration of immersive term requirements if the requirements will impede normal progression toward graduation.*

The same grading system shall be used in immersive term as in the regular semester, except that internships will be graded on a pass-fail basis. Students who fail an immersive term experience and who do not have time to complete all the required immersive term credits before scheduled graduation must either:

1. wait one year and take a course in the next immersive term, or,
2. obtain approval from the Registrar for a substitution course which will not count as part of the normal 120 semester hours for graduation or for any other regular requirements.

Because of the special short-term nature of immersive term, a student withdrawing from an immersive term course after the fourth class day of the term will receive a grade of *F*.

In order to be consistent with the academic purpose of the college and with normal practice during the fall and spring semesters, all students residing in the residence halls during the immersive term must be registered officially

in an approved immersive term course, independent study, internship experience, or prescheduled institutional activity which requires on-campus residence. Withdrawal from an immersive term course requires leaving the residence halls within 48 hours.

No additional tuition and room fees are charged to students who are enrolled full-time in the fall. If students are enrolled full time for the spring semester and wish to begin coursework during immersive term, they should refer to the section "Expenses and Financial Policies" for tuition, room, and board costs. Part-time tuition fees are charged to students who are not enrolled in either the fall or spring semester full-time. Immersive term board is charged to all students living on campus during the immersive term. Some individual courses may require additional course fees. No refunds for or reductions in tuition and room are allowed for those students not enrolled in immersive term or who reside off-campus during immersive term.

Courses and Experiences
During the Immersive Term students concentrate on a single course of their choice for three weeks and fully engage with it in a way that is meaningful, significant, and unique to the topic and supplements the type of learning that takes place in a traditional semester. An immersive experience puts the student "in a new world" physically, intellectually/imaginatively, or both, and is engaging, allowing students to celebrate learning. Immersive Term courses should stimulate discussion/debate and reflection. All courses must adhere to the credit hour definition in the 2026-27 catalog in the Academic Policies section.

On-campus courses An Immersive course may (1) allow students to engage with the topic in a hands-on way by generating a creative project such as a video, work of art, podcast, performance, etc., (2) allow students to engage with the topic by interacting with community partners or Professional Practitioners on campus or off campus (either in person or remotely), (3) allow students to engage with the topic in an off-campus setting or settings (e.g. museums, sporting events, concerts, speakers, parks, schools, government offices, non-profits, missions, etc.), or (4) allow students to engage with the topic intellectually through extensive and varied scholarship, or (5) allow students to engage with the topic imaginatively through active, in-class exercises. Immersive Term courses must offer students at least three of the above experiences. Immersive courses taught during the immersive term cannot require prerequisites and may not be departmental or liberal arts courses. The one exception is study abroad, which may qualify for international exploratory status.

Travel courses involve Franklin College faculty taking groups of students on study tours of particular foreign countries or other regions and cities of the United States. These courses have a thematic focus. Students can satisfy the international exploratory requirement with a foreign travel course over immersive term. Additional fees are charged for travel courses.

Independent study shall take the form of reading or research activity in a specific area by a student under the guidance of a faculty advisor. At least two weeks prior to registration, the student and the faculty advisor shall submit to the department chair and the Registrar a description of the project. Independent study may be pursued on or off campus. Off-campus independent study is open only to juniors and seniors, while sophomores, juniors, and seniors may participate in an on-campus independent study.

Some students may be interested in enrolling in immersive term courses on other campuses, including foreign study courses. Arrangements should be made early in the fall, and the student must have approval of the Associate Registrar.

Scaffolded Undergraduate Research

Through mentored experiences within the liberal arts and major-specific curricular offerings, students will incrementally develop skills that will facilitate the exploration and execution of a meaningful intellectual project or

creative product. This experience empowers students to innovate and explore their interests. Within the LA Curriculum, components of the undergraduate research experience are integrated into First-Year Seminar, Reading and Writing Critically, Public Speaking, and the student's math course. Students may work on individual or group research projects as designated by the departmental structure. Within the major, undergraduate research elements and associated technologies are integrated into a minimum of three courses across the span of no less than two years. The goal is to create a truly scaffolded student experience.

Research, Scholarship, or Creative (RSC) Work Outcomes

- Students will demonstrate the ability to organize a professional-grade project proposal.
- Students, with the guidance of a faculty/staff mentor, will demonstrate the ability to employ standards of RSC consistent with the standards of the project's discipline(s) as defined by the faculty.
- Students will demonstrate understanding and practice of research ethics within a disciplinary framework.
- Students will demonstrate the ability to articulate what they have learned from the RSC experience in a public forum in a way that
    - reflects critical thought,
    - clearly outlines the research, scholarship, or creative work accomplished,
    - summarizes any major findings and their relationship to the student's expectations, and
    - explains how the project will impact the student's future work.

Note: The above demonstration does not need to be an off-campus experience.

Integrated Professional Development

At Franklin College, professional development is not an "add on" to the academic experience. Professional knowledge and skills are intentionally integrated throughout the liberal arts curriculum and all academic disciplines, allowing students to transfer learning to professional, civic, and other academic environments. Faculty collaborate with internal and external partners to ensure students are prepared for the next opportunity. One key collaborator in the Integrated Professional Development student experience is the Practitioner Partner. All academic departments will provide students, at some point during their four years at Franklin, the opportunity to engage with a qualified Practitioner Partner. A qualified Practitioner Partner working or having recently worked in the field brings this experience into the classroom to enrich the learning environment.

These opportunities and experiences, in addition to the services, programs, courses, and activities offered by the director of professional development and employer relations, the director of career development, and the office of alumni engagement throughout students' four years at Franklin, are designed to help students make a confident and successful transition from college to the professional workplace or to graduate/professional school.

The Franklin College Integrated Professional Development program provides opportunities for students to be successful in the professional workplace or graduate/professional school. While Career Development helps students find a job by teaching resume writing and interviewing, Professional Development teaches skills and -competencies critical for success for students participating in an internship or for graduates beginning a job, such as decision-making, networking, professional behavior and etiquette, communications, and teamwork. Professional Development activities increase students' awareness of: (1) workplace issues, such as office politics, diversity, employee rights and responsibilities, compensation and benefits, and business etiquette; and (2) personal a-djustment and practical issues encountered in the transition to internships and post college life, such as balancing work and personal schedules, managing personal finances (budgets, banking, credit, insurance, investing, buying versus leasing, etc.), relocating, social graces, and managing stress.

The overarching theme of Professional Development is the continuous improvement of self, organization, and society. We strive to develop each student's mental, physical, moral, social, and financial competence to a level that allows immediate success in the workplace or graduate school, as well as long term success in life.

In addition to the Integrated Professional Development program, students have myriad opportunities to develop self-awareness and professional skills through exploration of and participation in experiences facilitated by Career Development, Global Education, Leadership Studies, The Hive, and Undergraduate Research, all of which, combined, make up the Engaged Learning Department and are housed in the Ruth Lilly Center for Exploration. Specific professional development opportunities include the following:

Professional Competencies
At Franklin College, we believe that the many liberal arts skills that we teach and model are key skills which the workplace requires. In the classroom, as well as in co-curricular activities, we teach and assess competencies related to personal qualities, interpersonal abilities, communication skills, and cognitive abilities. Through an emphasis on professional development, we strive to enable students to translate and transfer these competencies to other settings, including the workplace.

Awareness of Real World Issues
In order to feel confident in making the transition from college to the "real world," students need an awareness of a variety of issues that they will face. Through workshops, presentations in classes, guest speakers, and resources, Professional Development keeps real world issues in front of students.

Workplace Issues
Professional Development stays abreast of current, major issues in the workplace so that students can be informed and prepared to respond to these issues as they interview for jobs and enter the workplace. Issues may range from diversity to organizational culture to professional networking.

Transition Issues
As students leave a fairly structured college environment to face living on their own, maybe for the first time, an awareness of lifestyle issues is critical to making a successful adjustment. Transition issues include anything from managing money, relocating, and insurance to burn out and time and stress management.

Business Etiquette and Protocol
Many businesses regard a polite, professional manner as a key component of quality. Today's changing business environments necessitate an updating of students' awareness of etiquette so that they can respond confidently in their interactions with new colleagues and customers. Additionally, students must consider their online presence and the increasing importance of how social media may affect their 'professional brand' and personal reputation.

As part of the integrated professional development program at Franklin College, all students will

1. Complete the liberal arts curriculum focused on critical thinking, global awareness, effective communication, problem solving, and systems knowledge. These skills are needed in complex, ambiguous, ever-changing professional environments.
2. Acquire professional skills (All are required for students to access alumni networks and official college recruiting activities.):
    a) construct an approved, by the student's academic department or a designee, professional resume (may undergo various iterations throughout a students' Franklin experience);
    b) participate in at least one official mock interview;
    c) establish a professional online profile (as defined by the academic department); and
    d) use available technology appropriately.
3. Participate in professional experiences:
    a. at least one off-campus, credit-bearing (1) internship, (2) field experience, or (3) undergraduate research experience approved by the academic advisor and/or
    b. a networking opportunity as defined by the academic department in consultation with the Office of Career and Professional Development (e.g. departmental alumni/professional panels, speakers, or dinners; alumni engagement networking events; internship-related networking opportunities).
4. Articulate, in a culminating, reflective experience, the relevance of liberal arts, disciplinary, and applied experiences at Franklin College.

Additional Opportunities:

Workshops & Events
The offices of Career and Professional Development offer several workshops and events each semester that are open to all students, and offer tailored programming to on-campus groups like academic clubs, Greek organizations, athletic teams, and more. Workshop topics regularly include resume and cover letter writing, interviewing skills, networking skills, career and vocational discernment, and using LinkedIn and other social media, as well as special topics workshops for career-relevant skills like creativity, problem solving, communication, teamwork, and many more. Career and Professional Development also offer resume reviews

and host career and internship fairs, networking events, career- and vocation-specific panel discussions, mock interviews, graduate school preparation workshops, and more throughout the calendar year.

Internships
Internships provide excellent opportunities for students to gain direct knowledge about a career, to apply knowledge from classroom experiences, and to gain valuable, practical work experience in that field. The Office of Career Development supports students seeking internships for the fall semester, immersive term, spring semester and summer term internship programs, except for education and exercise science majors' internships. For details, see the Career Development section under Student Life in this catalog.

Fine Arts Activities
Professional Development, through its financial support of the Fine Arts series, provides opportunities for Franklin College students to develop an appreciation of the arts by experiencing various artistic works first-hand. Attending and/or participating in fine arts events enables students to articulate a personal response to the arts and to value the contributions which various styles of art, music and theatre have made to society.

Professional Development Course Descriptions

PDP 110 Digital Fluency Fundamentals		1 credit hour
Fall		

In Digital Fluency Fundamentals, students will explore the digital competencies and tools needed to become digitally fluent. Topics include essential digital skills, digital communication, data management, data analysis and presentation, and critical design making, and development. The course will focus on the various tools used in the modern workforce including Google Workspace, Adobe Creative Cloud, Google Analytics, Tableau, and project management tools such as Asana. Students will create a digital portfolio to highlight course outcomes/assessments and future digital artifacts in other courses.

PDP 200 Preparing for Your Internship		1 credit hour
Fall and Spring		

This course is designed for sophomores and juniors preparing for an internship experience. Among the subjects covered will be self-assessment of career objectives and internship goals; exploration of resources and techniques for finding, researching and evaluating potential internships; resume writing; interview techniques; reflection as a strategy to maximize learning in an internship; professional communication and correspondence; building a personal and professional network; and techniques for learning during and after the internship experience. This course WILL NOT provide students with a ready-made internship but will provide the opportunity to develop the skills and competencies that will facilitate a successful internship experience. Due to the experiential design of the course, out-of-class experiences are required and will include at least one mock interview, a resume writing workshop, an Internship Fair experience, a networking event or etiquette dinner, and possibly other out-of-class speakers/workshops. *Course fee: $25.*

PDP 210 Professional Practices in Fine Arts		3 credit hours
Spring, even academic years		

This course is designed to prepare students to manage their career as they approach graduation (i.e. designers, artists, musicians, theatre artists, and journalists). Students will learn how to effectively promote their skills, price their work, and define their goals to create a plan for success. Emphasis is placed on developing a job search strategy, how to make connections in the industry, how to negotiate salary, how to prepare for an interview, and how to use the student portfolio in an interview. Topics covered will include: how to develop and maintain a resume/curriculum vitae, cover letter, professional photographs of work, artist bio and statement, how to build a professional quality portfolio for presentation to a potential employer or client (various media), grant applications, and writing.

PDP 300 Professional Development Topics		1-3 credit hours
On demand		

A topic of current interest in professional development will be taught. Topics will vary depending upon faculty and student interest. Possible topics include Personal Finance, Ethical Decision Making, Grant Writing, and Systemic Thinking. Course will be offered at the request of a faculty member and with the approval of both the Vice President of Academic Affairs and director of professional development.

PDP 330 Big Data and the Professional Workplace		3 credit hours
Spring, even academic years		Prereq: CMP/DAT 141 or CMP 150, PDP 200 & MAT/SOC 224

This course provides an introduction to the field of statistical learning and the essential tools for making sense of large and complex data sets. The topics include linear regression, classification, resampling methods, shrinkage methods, and tree-based methods. Students will work in teams, each under the coaching of an alumni professional who will serve as an advisor during the project, lead discussions regarding the demands of the professional workplace, and provide individual feedback on the degree to which each student displays professional skills and dispositions. Most of the project work will be conducted in an online environment to provide students with a taste of the conditions experienced by telecommuting professionals.

PDP 358 Personal Finance and Public Policy		4 credit hours
Fall and Spring	Civic Learning exploratory	Prereq: MAT 131, MAT 135, MAT 224, LA 103, or consent of instructor

This course will introduce students to the basics of personal finance, including spending, saving, borrowing, investing, planning, and more. Of course, the personal is political. The government collects sales tax, polices credit, insures banks, guarantees student loans and mortgages, and regulates securities, while taxing income and savings in diverse ways. This micro-macro analysis will teach students to understand how they and the government influence each other monetarily. The goal of this course is to provide students with a financial education that they can use to make better financial decisions and become prosperous citizens. Same as BUS/SOC 358.

Academic Success and Opportunity Courses

Success in college and success after college depend upon a series of intangible skills and values, e.g., time and stress management, individual responsibility, leadership, ability to work in diverse problem-solving teams, love of learning, etc. These skills and values are cultivated in many parts of the Franklin College curriculum and in all of our academic departments. In addition, they are directly targeted for development in a series of classes.

Academic Success Courses

ASC 080 Academic Strategies for College I		1 credit hour**
On demand		Prereq: By placement

Development of thinking, reading comprehension, and study skills essential to academic success in college. Includes instruction and practice in reading college-level texts, critical thinking, note taking, preparation for exams, and memory improvement to help college students become more active learners. Grade is factored into semester and cumulative GPAs. ***Note: Course credit does not count toward the minimum 120 semester hours for graduation.*

ASC 082 Quantitative Reasoning Support		0 credit hours**
Fall		Prereq: By placement

Students will receive further instruction and practice in using quantitative approaches and mathematical tools for understanding the world, thinking critically about quantitative and logical information, and for making informed decisions about issues in everyday life. ***Note: Course credit does not count toward the minimum 120 semester hours for graduation.*

ASC 085 Academic Strategies for College II		1 credit hour**
Fall and Spring on demand		Prereq: Consent of instructor or by placement

This course is designed to help students identify issues that may affect academic success, develop a plan of action to ensure future academic success, and increase personal responsibility and self-management. Grade is factored into semester and cumulative GPAs. ***Note: Course credit does not count toward the minimum 120 semester hours for graduation.*

Academic Opportunity Courses

COR 003 Student Leadership		1 credit hour
May be offered fall and spring		Prereq: Consent of instructor

An examination of the various skills utilized in student leadership positions. Topics may include planning and organization, communication, budgeting, legal aspects of student organizations, and organizational and leadership styles. Unless by special arrangement, may not be repeated for credit for the same activity. Graded on a pass/fail basis. Activity credit.

COR 010 Career Planning		1 credit hour
On demand		Prereq: consent of instructor

This course exposes students to essential steps in designing a career plan. This course is divided into three broad sections. First is self-assessment so that students gain an understanding of how their skills, interests, work values, and personalities lead to career interests. Second, based on self-assessment, the student will identify career options and learn vocational research techniques. Third, students will learn the basics of internship and career search skills such as résumé and cover letter writing, networking and interviewing. This course will emphasize preparation for gaining work experience via internships, cooperative study, and seasonal employment. *First-year student and sophomore enrollment preferred.* Graded on a pass/fail basis.

Accounting

Department: Economics, Business, and Accounting
Department Chair: A. Mescall
Department Members: O. Adisa, L. Hamer, S. Locklear, A. Mescall, R. Rungta, J. VanAndel

Major: Accounting
Minor: Accounting

The department provides theoretical and practical education in these programs: economics, business, and accounting. Majors and minors are offered in each of these programs.

The accounting curriculum is designed to prepare majors with a strong technical, analytical, and personal understanding of how the financial, managerial, tax, and auditing concepts of accounting are used to process financial information and to communicate this information clearly, logically, and persuasively. The program courses require textbook readings, problem assignments, cases, and classroom presentations that develop this understanding. Although one internship is required, two internships are recommended. Students completing the major will be prepared for professional accounting employment and, with sufficient credits, to take the Certified Public Accounting and/or the Certified Management Accountant examination.

Accelerated Track Information and Requirements
A full semester internship is possible in the spring of the student's junior year only if the accounting curriculum is started in the first year and the student is willing to take extra coursework prior to and after the full semester internship. A 3.0 cumulative GPA is required at the end of the first year to continue on the accelerated track. In addition, a 3.3 average GPA in ACC 221 and ACC 222 is required to continue on the accelerated track. Students on this challenging track may need to take a few courses out-of-sequence which may require instructor permission to register.

A major or minor in accounting requires the student to have a minimum graduation GPA of 2.00 (A=4.00) in all required major/minor courses and to complete with grades of *C*- or better all coursework for the major, minor, and related field. Furthermore, regardless of major, all students taking accounting courses must complete all prerequisites with a *C*- or better.

Students who excel in the program have the opportunity to join Delta Mu Delta, the national business honor society. Juniors and seniors who have earned an overall 3.3 GPA at the time of invitation are eligible to join. Additionally, many scholarships are available to students who excel in the program.

Accounting Major

A major in accounting requires the student to have a minimum graduation GPA of 2.00 (A=4.00) in required major courses. Accounting majors must complete all courses in the major with a 'C-' or better. All students majoring in accounting must be at the sophomore class level in order to enroll in any 300-level accounting major courses.

Core Requirements

ACC 221 Principles of Accounting I
ACC 222 Principles of Accounting II
ACC 235 Data Management and Analysis
ACC 311 Intermediate Accounting I
ACC 312 Intermediate Accounting II
ACC 321 Managerial-Cost Accounting
ACC 341 Introduction to Taxation
ACC 420 Auditing
ACC 431 Advanced Accounting
ACC 475 Strategic Implementation Project
ACC 499 Senior Competency Practicum
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
MAT 131 Introduction to Quantitative Analysis

Related field requirements

BUS 331 Business Law I
BUS 351 Business Finance
CMP 130 Introduction to Computing
MAT 224 Basic Applied Statistics

Two of the following courses

BUS 352 Investments
BUS 361 Contemporary Marketing
BUS 371 Operations Management
BUS/ECO 380 Econometrics

Professional Development Requirements

ACC 482 Professional Practicum
INT XXX Accounting Internship (Senior Year Experience)
PDP 200 Preparing for Your Internship

Accounting Minor

The accounting minor requires a student to have a minimum graduation GPA of 2.00 (A=4.00) in the minor courses and to complete with grades of 'C-' or better all of the following coursework:

Required courses

ACC 221 Principles of Accounting I
ACC 222 Principles of Accounting II
ACC 311 Intermediate Accounting I
ACC 341 Introduction to Taxation

Two of the following courses

ACC 235 Data Management and Analysis
ACC 312 Intermediate Accounting II
ACC 321 Managerial-Cost Accounting
ACC 420 Auditing
BUS 351 Business Finance

Accounting Course Descriptions

ACC 221 Principles of Accounting I		3 credit hours
Fall and Spring		Prereq or Coreq: MAT 131; MAT 135, MAT 181, or LA 103 replaces MAT 131 only for non-EBA majors

Concepts and issues of financial reporting for business entities, analysis, and recording of economic transactions. *May be taken during first year.*

ACC 222 Principles of Accounting II		3 credit hours
Fall and Spring		Prereq: ACC 221

Continuation of financial accounting with focus on partnerships, corporations, debt and equity transactions, and financial statement analysis. Concepts and issues of management accounting, budgeting, cost determination, and non-profit accounting are also covered. *May be taken during first year.*

ACC 235 Data Management and Analysis		4 credit hours
Fall and Spring		Prereq: CMP 130 or consent of instructor

This course will focus on the application of intermediate and advanced Microsoft Excel topics to real-world business scenarios. Case studies will be used to provide engaged learning opportunities that will expand on introductory material learned from previous courses and will expand on the application in a business environment. Through the case studies, students will be asked to solve problems, think strategically and critically, and propose and/or implement solutions to business issues using Microsoft Excel and Tableau, a data visualization tool.

ACC 300 Topics in Accounting		3 credit hours
On demand		Prereq: Sophomore class standing

A topic of current interest in accounting will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

ACC 311 Intermediate Accounting I		3 credit hours
Fall		Prereq: ACC 221 & ACC 222, must have at least sophomore class standing

The theoretical framework for accounting principles and financial statement presentation as applied to the assets of an enterprise. Students will focus on the conceptual framework of accounting, financial statement preparation and analysis, short-term assets and liabilities, and accounting for capital assets.

ACC 312 Intermediate Accounting II		3 credit hours
Spring		Prereq: ACC 311, must have at least sophomore class standing

The theoretical framework for accounting principles and procedures. Generally accepted accounting principles and financial statement presentation as applied to liabilities and equities.

ACC 321 Managerial-Cost Accounting		4 credit hours
Fall		Prereq: ACC 221 & ACC 222, must have at least sophomore class standing

Purposes and methods of cost accounting as used for planning and control. Budgets, standards, and profitability analysis. Job-order, process, and standard cost accounting systems.

ACC 341 Introduction to Taxation		4 credit hours
Fall		Prereq: Sophomore class standing

A study of Internal Revenue Code and Regulations as they apply to taxation of individuals. Advanced aspects of income, deductions, and credits will be covered, especially as applied to individuals. Time will be spent learning the basics of taxation for corporations, partnerships, and S-corporations.

ACC 420 Auditing		3 credit hours
Fall, even academic years		Prereq: ACC 312 or concurrent enrollment in ACC 311 with junior-level status in accounting curriculum

Auditing with emphasis on standards, scope of audits, work-papers, and audit reports.

ACC 431 Advanced Accounting		3 credit hours
Spring		Prereq: ACC 312 or consent of instructor

A study of accounting procedures for partnerships, mergers and acquisitions, bankruptcy filings, and consolidations. Also includes government and nonprofit institution accounting. Stress is on consolidation of financial statements for corporations. *To be taken during year of graduation*.

ACC 475 Strategic Implementation Project		3 credit hours
Spring		Prereq: ACC majors with senior standing having completed all other accounting core requirements with a grade of "C-" or better. Non-EBA majors must have senior standing and consent of instructor. Non-EBA majors wishing to have ACC 475 substitute for the major or departmental capstone course must have senior standing, consent of instructor, and consent of department chair in their major field. Co-req: ACC 482

This course is the senior capstone for accounting majors. Students will work in teams to solve complex business problems in a simulated boardroom setting as they address and solve a real-life business challenge that has been presented to them by Franklin College Alumni or others who have current and relevant projects to complete. Students are expected to synthesize material in all business, economics, and accounting courses in preparing solutions to these problems, and to present their solutions with a formal oral and written report directly to the business owners/managers who tasked them with the project. Teams will be expected to defend their solutions/suggestions, and prepare any follow-up work requested by the business owners/managers.

ACC 482 Professional Practicum		1 credit hour
Spring		Co-req: ACC 475

Students will reflect on their internship experiences, curricular and co-curricular learning experiences, and their liberal arts education through creation of a digital portfolio. Student will further develop communication skills by setting goals for the future and self-assessing their strengths and areas to improve. This course meets the senior year portfolio requirement for graduation. Same as BUS/ECO 482.

ACC 490 Independent Study		1-2 credit hours
		Prereq: Departmental consent

Course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in regular departmental course offerings.

ACC 499 Senior Competency Practicum		No credit
		Prereq: Senior class standing

Satisfactory performance on simulated CPA Exam. Passing grade 'C-' or better.

Art

Department: Art
Department Chair: R. Frye
Art Faculty: B. Barnes, D. Cunningham, R. Frye, D. Kelly

Majors: Art History, Art Studio (Concentrations: Ceramics, Digital Fine Art Photography, Graphic Design, Painting, & Pre-Art Therapy)
Minors: Art History for non-art majors, Art Studio for non-art majors, Ceramics, Digital Fine Art Photography, Graphic Design, Painting

The art department at Franklin College provides theoretical and practical education in a variety of options for completing an art major or minor program.

The art program is designed to develop students' overall understanding of art and their ability to create art by offering courses in art history and art studio experiences. Both art major and art minor programs provide two possible options: one focuses mainly on studying art history, while the other emphasizes developing studio skills. Both tracks aim to develop students' understanding of the major periods and styles in visual arts and encourages students to explore creativity in ceramics, design, drawing, painting, photography, and sculpture. The art history program delves into visual concepts and the major art movements throughout history, fostering students' understanding and appreciation of artistic endeavors and experiences. The art studio major is designed to develop students' skills for creating art and design while developing an appreciation for art and design, and a thorough understanding of art history.

Major Requirements
A major in art requires the student to have a minimum graduation GPA of 2.00 (A=4.00) in required major courses. All courses for majors must be completed with a grade of *C*- or better. A grade of *C*- or better is required for all prerequisite courses regardless of academic major.

Art History

Core Requirements

ART 116 History of Art I: Ancient and Medieval Art
ART 117 History of Art II: Renaissance to Modern Art
ART 130 2D Foundations
ART 135 3D Foundations
ART 140 Graphic Design I
ART 230 Modern Art
ART 335 Contemporary Art
ART 499 Senior Comprehensive Exam

Art Issues (pick one)

ART 340 Selected Issues in Art
IMM XXX/Art History
IMM 490 Clowes Visiting Artist Immersive Term Course

Professional Development Requirements

ART 498 (Art History) Senior Capstone
PDP 210 Professional Practices in Fine Arts
SNR/SNT 489 (Art History) Senior Experience*
*May replace ONE of the electives listed below if 5 credit hours are completed.

Three of the following courses

ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Photography
ART 240 Graphic Design II
ART 260 Drawing II
ART 270 Painting II
ART 275 Ceramics II
ART 290 Digital Fine Art Photo II
ART 300 Topics in Art
IMM XXX Course/Art Studio
IMM 490 Clowes Visiting Artist Immersive Term Course (must be different from *Art Issues* elective)

Related Field Requirements (choose one option)

Related Field Option

Music – 3 hours minimum of courses with a MUS prefix
Theatre – one 3 credit hour course with a THE prefix
Additional courses approved by the art faculty for a total of 12 credit hours in the related field

Minor option-A minor at Franklin College
Double major option-A second major at Franklin College

Art Studio: Ceramics

Core Requirements

ART 116 History of Art I: Ancient and Medieval Art
ART 117 History of Art II: Renaissance to Modern Art
ART 130 2D Foundations
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Photography
ART 230 Modern Art
ART 499 Senior Thesis Project

Professional Development Requirements

ART 498 (Art Studio) Senior Portfolio Review
PDP 210 Professional Practices in Fine Arts
SNR/SNT 489 (Art Studio) Senior Experience

Track Requirements

ART 275 Ceramics II
ART 375 Ceramics III
ART 475 Ceramics IV

One of the following courses

ART 240 Graphic Design II
ART 260 Drawing II
ART 270 Painting II
ART 290 Digital Fine Art Photography II
ART 300 Topics in Art
IMM XXX Course/Art Studio

Special Topics in Art (choose one)

ART 335 Contemporary Art
ART 340 Selected Issues in Art
IMM 490 Clowes Visiting Artist Immersive Term Course
IMM XXX Course/Art History

Related Field Requirements (choose one option)

Related Field Option

Music – 3 hours minimum of courses with a MUS prefix
Theatre – one 3 credit hour course with a THE prefix
Additional courses approved by the art faculty for a total of 12 credit hours in the related field

Minor option-A minor at Franklin College
Double Major option-A second major at Franklin College
Double Studio Art Concentration option-Complete both ART 499 Senior Thesis Project and SNR/SNT 489 (Art Studio) Senior Experience in both concentrations

Art Studio: Digital Fine Art Photography

Core Requirements

ART 116 History of Art I: Ancient and Medieval Art
ART 117 History of Art II: Renaissance to Modern Art
ART 130 2D Foundations
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Photography
ART 230 Modern Art
ART 499 Senior Thesis Project

Professional Development Requirements

ART 498 (Art Studio) Senior Portfolio Review
PDP 210 Professional Practices in Fine Arts
SNR/SNT 489 (Art Studio) Senior Experience

Track Requirements

ART 290 Digital Fine Art Photography II
ART 390 Digital Fine Art Photography III
ART 395 Digital Fine Art Photography IV

One of the following courses

ART 240 Graphic Design II
ART 260 Drawing II
ART 270 Painting II
ART 275 Ceramics II
ART 300 Topics in Art
IMM XXX Course/Art Studio

Special Topics in Art (choose one)

ART 335 Contemporary Art
ART 340 Selected Issues in Art
IMM 490 Clowes Visiting Artist Immersive Term Course
IMM XXX Course/Art History

Related Field Requirements (choose one option)

Related Field Option

Music – 3 hours minimum of courses with a MUS prefix
Theatre – one 3 credit hour course with a THE prefix
Additional courses approved by the art faculty for a total of 12 credit hours in the related field

Minor option-A minor at Franklin College
Double Major option-A second major at Franklin College
Double Studio Art Concentration option-Complete both ART 499 Senior Thesis Project and SNR/SNT 489 (Art Studio) Senior Experience in both concentrations

Art Studio: Graphic Design

Core Requirements

ART 116 History of Art I: Ancient and Medieval Art
ART 117 History of Art II: Renaissance to Modern Art
ART 130 2D Foundations
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Photography
ART 230 Modern Art
ART 499 Senior Thesis Project

Professional Development Requirements

ART 498 (Art Studio) Senior Portfolio Review
PDP 210 Professional Practices in Fine Arts
SNR/SNT 489 (Art Studio) Senior Experience

Track Requirements

ART 240 Graphic Design II
ART 345 Graphic Design III
ART 445 Graphic Design IV

One of the following courses

ART 260 Drawing II
ART 270 Painting II
ART 275 Ceramics II
ART 290 Digital Fine Art Photography II
ART 300 Topics in Art
IMM XXX Course/Art Studio

Special Topics in Art (choose one)

ART 335 Contemporary Art
ART 340 Selected Issues in Art
IMM 490 Clowes Visiting Artist Immersive Term Course
IMM XXX Course/Art History

Related Field Requirements

MMJ/PRL 180 Publication Design
In addition, choose one option:
Related Field Option
Music – 3 hours minimum of courses with a MUS prefix
Theatre – one 3 credit hour course with a THE prefix
Additional courses approved by the art faculty for a total of 9 credit hours in the related field
Minor Option-A minor at Franklin College
Double Major Option-A second major at Franklin College

Double Studio Art Concentration option-Complete both ART 499 Senior Thesis Project and SNR/SNT 489 (Art Studio) Senior Experience in both concentrations

Art Studio: Painting

Core Requirements

ART 116 History of Art I: Ancient and Medieval Art
ART 117 History of Art II: Renaissance to Modern Art
ART 130 2D Foundations
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Photography
ART 230 Modern Art
ART 499 Senior Thesis Project

Professional Development Requirements

ART 498 (Art Studio) Senior Portfolio Review
PDP 210 Professional Practices in Fine Arts
SNR/SNT 489 (Art Studio) Senior Experience

Track Requirements

ART 270 Painting II
ART 370 Painting III
ART 470 Painting IV

One of the following courses

ART 240 Graphic Design II
ART 260 Drawing II
ART 275 Ceramics II
ART 290 Digital Fine Art Photography II
ART 300 Topics in Art
IMM XXX Course/Art Studio

Special Topics in Art (choose one)

ART 335 Contemporary Art
ART 340 Selected Issues in Art
IMM 490 Clowes Visiting Artist Immersive Term Course
IMM XXX Course/Art History

Related Field Requirements (choose one option)

Related Field Option

Music – 3 hours minimum of courses with a MUS prefix
Theatre – one 3 credit hour course with a THE prefix
Additional courses approved by the art faculty for a total of 12 credit hours in the related field

Minor Option-A minor at Franklin College
Double Major Option-A second major at Franklin College

Double Studio Art Concentration option-Complete both ART 499 Senior Thesis Project and SNR/SNT 489 (Art Studio) Senior Experience in both concentrations

Art Studio: Pre-Art Therapy

Core Requirements

ART 116 History of Art I: Ancient and Medieval Art
ART 117 History of Art II: Renaissance to Modern Art
ART 130 2D Foundations
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Photography
ART 499 Senior Thesis Project

Professional Development Requirements

ART 498 (Art Studio) Senior Portfolio Review
PDP 210 Professional Practices in Fine Arts
SNR/SNT 489 (Art Studio) Senior Experience

Three of the following courses

ART 270 Painting II
ART 275 Ceramics II
ART 370 Painting III
ART 375 Ceramics III

Related Field Requirements

PSY 117 General Psychology
PSY 226 Lifespan Development
PSY 240 Psychological Disorders and Mental Wellness
PSY 310 Introduction to Counseling

Art History Minor for non-art majors

All minor courses must be completed with a grade of *C*- or better.

Required courses

ART 116 History of Art I: Ancient and Medieval Art
ART 117 History of Art II: Renaissance to Modern Art
ART 230 Modern Art
ART 335 Contemporary Art

One of the following courses

ART 130 2D Foundations
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I

ART 190 Digital Photography
IMM XXX Course/Art
IMM 490 Clowes Visiting Artist Immersive Term Course

Art Studio Minor for non-art majors

All minor courses must be completed with a grade of *C*- or better.

Required courses

ART 130 2D Foundations
ART 135 3D Foundations

Three of the following courses

ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Photography
ART 240 Graphic Design II
ART 260 Drawing II
ART 270 Painting II
ART 275 Ceramics II
ART 290 Digital Fine Art Photography II
ART 345 Graphic Design III
ART 370 Painting III
ART 375 Ceramics III
ART 390 Digital Fine Art Photography III
IMM 490 Clowes Visiting Artist Immersive Term Course

Digital Fine Art Photography Minor

All minor courses must be completed with a grade of *C*- or better

Required courses

ART 190 Digital Fine Art Photography I
ART 230 Modern Art
ART 290 Digital Fine Art Photography II
ART 390 Digital Fine Art Photography III
ART 495 Digital Fine Art Photography IV

Ceramics Minor

All minor courses must be completed with a grade of *C*- or better

Required courses

ART 135 3D Foundations
ART 175 Ceramics I
ART 275 Ceramics II
ART 375 Ceramics III
ART 475 Ceramics IV

Graphic Design Minor

All minor courses must be completed with a grade of *C*- or better.

Required courses

ART 140 Graphic Design I
ART 240 Graphic Design II
ART 345 Graphic Design III
ART 445 Graphic Design IV
MMJ/PRL 180 Publication Design

Painting Minor

All minor courses must be completed with a grade of *C*- or better

Required courses

ART 160 Drawing I
ART 170 Painting I
ART 270 Painting II
ART 370 Painting III
ART 470 Painting IV

Art Course Descriptions

ART 116 History of Art I: Ancient and Medieval Art		4 credit hours
Fall, even academic years	Creative Arts exploratory	

A history of painting, sculpture, ceramics and architecture of the Ancient World and the Middle Ages - from Egyptian to Gothic Art. Class format includes lectures, group discussion, individual and group presentations, and museum field trips.

ART 117 History of Art II: Renaissance to Modern Art		4 credit hours
Spring, even academic years	Creative Arts exploratory	

A history of painting, sculpture, ceramics, photography and architecture in Europe and America from the 15th century to the present. Class format includes lectures, group discussion, individual and group presentations, and museum field trips.

ART 130 2D Foundations		3 credit hours
Fall and spring	Creative Arts exploratory	

In this class, you will learn the visual principles behind the creation of historic and contemporary masterpieces through lectures and hands-on work with collage materials. Figure-ground relationships, afterimage, optical mixture, transparency illusions, and color theory are a few of the color concepts to be studied. Using simple cut-and-paste collage materials, we will explore a variety of historic and contemporary composition and design methodologies. Studio format with lectures, demonstrations, group critiques, and individualized instruction. Additional materials required. *Fee: $65 nonrefundable for cost of materials.*

ART 135 3D Foundations		4 credit hours
Fall, odd academic years, and spring	Creative Arts exploratory	

This course introduces fundamental Elements and Principles of 3D Design and various mold-making processes used to create ceramic form. Students will explore various materials, tools, and forming techniques to create prototypes for casting. Various mold-making processes will be introduced while investigating the role of the cast object in functional ceramics, sculpture, art therapy, and public art. *Fee: $100 nonrefundable.*

ART 140 Graphic Design I		4 credit hours
Fall and spring	Creative Arts exploratory	

This course combines studio work with classroom instruction. Fundamental components of design theory and typography are incorporated with problem definition to provide students with valuable experience in the ideation, research, execution and presentation of projects. Lectures and visual media provide a broad introduction to the visual communication professional field. *Fee: $10 nonrefundable.*

ART 160 Drawing I		3 credit hours
Fall, even academic years, and spring	Creative Arts exploratory	

An introduction to drawing techniques and media. Emphasis on perceptual issues (use of line through contour drawing; perception of positive and negative spaces; perception of lights and shadows.) Studio classes supplemented with lectures, demonstrations, group critiques, and individualized instruction. Subject matter includes still life, interior, landscape and portraits as well as copying the drawings of old masters. Additional fee for required materials. *Fee: $60 nonrefundable.*

ART 170 Painting I		3 credit hours
Fall	Creative Arts exploratory	

An introduction to painting techniques, materials, and history. Studio format with lectures, demonstrations, group critiques, and individualized instruction. *Fee: $125 nonrefundable for cost of all materials.*

ART 175 Ceramics I		3 credit hours
Fall and spring	Creative Arts exploratory	

Fundamentals of hand-building, wheel-throwing and glazing techniques. Emphasis on work ethic, craftsmanship, attention to detail, problem solving and creativity. Studio format includes lectures, demonstrations, group critiques, and individualized instruction. *Fee: $100 nonrefundable*. Satisfies Creative Arts exploratory requirement.

ART 190 Digital Photography		3 credit hours
Fall and spring	Creative Arts exploratory	

This course offers a broad exploration of digital photography and its applications both as a fine art and for storytelling purposes. The curriculum begins with fundamental aspects such as camera controls, composition, and lighting. It progresses to more intricate topics that delve into the dynamic relationship between the photographer and the audience. Students will be required to create content using appropriate gear and prepare it for distribution across multiple platforms as appropriate for the message intended.
Fall and spring. *Fee: $20 nonrefundable*. Same as MMJ/PRL/SPR 190.

ART 230 Modern Art		4 credit hours
Spring, odd academic years	Comparative Perspectives & Creative Arts exploratory	

A history of painting, sculpture, architecture, photography, and ceramics of the 20th century. Class format includes lectures, group discussion, individual and group presentations, and museum field trips.

ART 240 Graphic Design II		4 credit hours
Spring		Prereq: ART 140

Through lectures, demonstrations, and studio work, students are introduced to all aspects of typography, from its historical precedents to its current use. Creative thinking is encouraged, along with prescribed techniques and media. Students will gain a thorough understanding of the nature of vector and raster-based digital file development, as well as an in-depth study of the applications used to create them. Projects and assignments will focus on an exploration and understanding of the applications, applying color, tools, techniques, and printing options. *Fee: $20 nonrefundable.*

ART 260 Drawing II		3 credit hours
Fall, even academic years, and spring		Prereq: ART 160 or consent of the instructor

A continuation of ART 160, with added emphasis on the use of value and the logic of light in drawing. Students are expected to bring together all of the basic component skills of drawing: perception of edges, spaces and shapes, relationships of angles and proportions, lights and shadows, and the skills of crosshatching and continuous tone. Studio format with lectures, demonstrations, group critiques, and individualized instruction. Subject matter includes still life, interior, landscape, and human figure. Additional materials required. *Fee: $60 nonrefundable.*

ART 270 Painting II		3 credit hours
Spring		Prereq: ART 170

A continuation of ART 170, with added emphasis on exploring personal ideas with a variety of painting methods. Studio format with lectures, demonstrations, group critiques, and individualized instruction. *Fee: $50 nonrefundable for cost of all materials.*

ART 275 Ceramics II		3 credit hours
Fall and spring		Prereq: ART 175

A continuation of ART 175. Emphasis on more advanced hand-building and wheel throwing techniques. Students are more involved with surface, glaze mixing and the kiln firing process. Studio format includes lectures, demonstrations, group critiques, individualized instruction, and written mid-term and final exams. Students are expected to work 6 hrs. per week outside of class. *Fee: $100 nonrefundable.*

ART 290 Digital Fine Art Photography II		3 credit hours
Fall and spring		Prereq: ART/MMJ/PRL/SPR 190

Where Digital Fine Art Photography I builds a set of conceptual and technical photographic tools, this is the course where students begin to explore the endless possibilities those tools represent, and to create work that represents their own long-term artistic interests. Studio format with lectures, demonstrations, group critiques, and individualized instruction. More advanced concepts of Adobe Photoshop and Lightroom will be addressed. Use of Auxiliary Lighting and modifiers will be emphasized. Digital camera is required. *Fee: $20 nonrefundable.*

ART 300 Topics in Art		3 credit hours
On demand		

A studio course that will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

ART 335 Contemporary Art		4 credit hours
Fall, odd academic years	Comparative Perspectives exploratory	

This class will look at current trends in contemporary art such as the influence of museums and galleries, who determines what is art and what is the criteria, censorship, and postmodern philosophy. Class examines diverse cultural perspectives and philosophies and how they are expressed through art. Class format includes lectures, group discussion, and trips to museums and galleries.

ART 340 Selected Issues in Art		3 credit hours
On demand		

Art history course in which particular issues, artists, genres, or historical periods are selected for in-depth study. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

ART 345 Graphic Design III		4 credit hours
Fall		Prereq: ART 240

This class moves beyond the syntax (structure) of type and into semantics (meaning). The student will develop and manipulate grids, understand color theory, know typographic anatomy, history, and vocabulary, create unique logotypes and layouts, develop and manipulate proportional systems incorporating imagery, understand the importance of audience, concept and hierarchy, create meaningful and dynamic typographic design, and utilize type as image. *Fee: $20 nonrefundable.*

ART 370 Painting III		3 credit hours
Spring		Prereq: ART 160 and ART 270

A continuation of ART 270, this is an advanced painting experience where students are challenged to express unique personal ideas while developing individual style. Studio format with lectures, demonstrations, group critiques, and individualized instruction. *Fee: $50 nonrefundable for cost of all materials.*

ART 375 Ceramics III		3 credit hours
Fall and spring		Prereq: ART 275

A continuation of ART 275. Exploration of an individual direction in hand-building and/or wheel throwing with more emphasis on surface and firing processes. Required participation in kiln operation, studio procedures and an understanding of items listed in the FC Ceramics Handbook Advanced Ceramics checklist. Students are expected to work 6 hrs. per week outside of class. *Fee: $100 nonrefundable.*

ART 390 Digital Fine Art Photography III		3 credit hours
Fall and spring		Prereq: ART 290

Where Digital Fine Art Photography I builds a set of conceptual and technical photographic tools, this is the course where students begin to explore the endless possibilities those tools represent, and to create work that represents their own long-term artistic interests. Studio format with lectures, demonstrations, group critiques, and individualized instruction. More advanced concepts of Adobe Photoshop and Lightroom will be addressed. Use of Auxiliary Lighting and modifiers will be emphasized. More advanced concepts of Adobe Photoshop and Lightroom Classic will be addressed. *Fee: $20 nonrefundable.*

ART 445 Graphic Design IV		4 credit hours
Fall		Prereq: ART 345

Graphic Design IV provides advanced design students practical experience working in a design studio within the Department of Art. Students will create impactful work for real-world clients as they engage in community-based, people-centered design across campus and not-for-profit organizations. This course focuses on client interaction, problem analysis, design solutions, implementation, and professional development. *Fee: $20 nonrefundable.*

ART 470 Painting IV		3 credit hours
Spring		Prereq: ART 370

A continuation of ART 370, this is a class where a student is challenged to further explore their individual interests in paint. The class includes painting from observation and sequential abstraction. Studio format with lectures, demonstrations, group critiques, and individualized instruction. *Fee: $50 nonrefundable for cost of all materials.*

ART 475 Ceramics IV		3 credit hours
Fall and spring		Prereq: ART 375

A continuation of ART 375. Continued exploration of an individual direction in ceramic form and surface while developing a cohesive body of work. Required participation in kiln operation, studio procedures and an understanding of items listed in the FC Ceramics Handbook Advanced Ceramics checklist. Students are expected to work 6 hrs. per week outside of class. *Fee: $100 nonrefundable.*

ART 482 Art Practicum		1-2 credit hours
		Prereq: consent of instructor

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

ART 490 Independent Study		1-2 credit hours
		Prereq: departmental & instructor permission

A course designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings. *Course fees may be required.*

ART 495 Digital Fine Art Photography IV		3 credit hours
Fall and spring		Prereq: ART 390

This course is designed to build on your experiences from earlier DFAP (Digital Fine Art Photography) courses. Students will focus on individual conceptual development and fine tuning your technical abilities as photographers, especially Flash (aka strobe) and LED lighting, for handling complex assignments. Emphasis will be placed on each student finding his or her own voice as an artist and the production of a Portfolio. More advanced concepts of Adobe Photoshop and Lightroom Classic will be addressed. *Fee: $20 nonrefundable.*

ART 498 (ART HISTORY) Senior Capstone		No credit
Spring		

Students will demonstrate and deepen their knowledge of art history by conducting a substantial and original research project. Drawing on primary and secondary sources, students will investigate artists, movements, objects, periods, or themes with rigor and intellectual curiosity. A key component of the course is the public presentation of research, where students will present the findings of their research in the form of an oral presentation in a conference-style setting and a written paper. By the end of the course, students will have produced a substantial piece of scholarship and developed the research, writing, and communication skills essential to professional and academic practice in the arts. Grade of C- or better required. Spring

ART 498 (ART STUDIO) Senior Portfolio Review		No credit
Spring		

Students will curate and prepare a public exhibition of a professional body of work and present it in the art department gallery. All work must meet departmental standards; students will continue to refine pieces until exhibition-ready work is achieved. This course requires close collaboration with the student's advising professor and adherence to a structured timeline of deadlines throughout the semester. Grade of C- or better required. Spring

ART 499 (ART HISTORY) Senior Comprehensive Exam		No credit
Spring		

Students will take a written comprehensive, objective, and essay examination covering information from required Art History courses. Grade of C- or better required. Spring

ART 499 (ART STUDIO) Senior Thesis Project		No credit
Spring		

Students will produce new artwork showcasing their understanding of fundamental concepts taught in the art studio core. Furthermore, the artwork should showcase excellence in their selected concentration. Students will present and exhibit their project through an oral presentation in a conference-style environment, accompanied by a written thesis artist statement. Grade of C- or better required. Spring

PDP 210 Professional Practices in Fine Arts		3 credit hours
Spring, even academic years		

This course is designed to prepare students to manage their career as they approach graduation (i.e. designers, artists, musicians, theatre artists, and journalists). Students will learn how to effectively promote their skills, price their work, and define their goals to create a plan for success. Emphasis is placed on developing a job search strategy, how to make connections in the industry, how to negotiate salary, how to prepare for an interview, and how to use the student portfolio in an interview. Topics covered will include: how to develop and maintain a resume/curriculum vitae, cover letter, professional photographs of work, artist bio and statement, how to build a professional quality portfolio for presentation to a potential employer or client (various media), grant applications, and writing.

SNR/SNT 489 (ART HISTORY) Senior Experience		2-5 credit hours
Fall and Spring		

*May replace ONE of the electives if 5 credit hours are completed.

This senior or junior year experience is fulfilled by completing a significant project in the field of art history. An internship with an arts organization may also be used. The student must complete at least 70 hours of documented time in practical application and/or research to earn one credit and will meet on a regular basis with the practicum advisor. Pass/Fail.

SNR/SNT 489 (ART STUDIO) Senior Experience		1-5 credit hours
Fall and Spring		

This senior or junior year experience is fulfilled by completing a significant project in the field of studio art. An internship with an arts organization may also be used. The student must complete at least 70 hours of documented time in practical application and/or research to earn one credit and will meet on a regular basis with the practicum advisor. Students must earn at least a grade of C.

Biology

Department: Biology
Department Chair: B. O'Neal
Department Members: W. Cain, E. Galloway, K. Harris, M. Marasco, B. O'Neal, J. Winter

Major: Biology (Tracks: Biomedical Sciences, Ecology & Conservation, and Standard)
Minors: Biochemistry, Biology, Environmental Science
Related Major: Neuroscience
Related Minor: Neuroscience
Pre-Professional Programs: Pre-Dental, Pre-Forensic Science, Pre-Medical, Pre-Medical Laboratory Science, Pre-Optometry, Pre-Pharmacy, Pre-Physician's Assistant, Pre-Podiatry, and Pre-Veterinary
Cooperative Programs: Health-related Professions: Medical Laboratory Science, Dentistry, Nursing, Pharmacy, and Public Health

The biology program at Franklin College will provide experiences that help students better understand the nature of science and the role of scientists in society. To fulfill this mission, the program provides courses that stress the important areas of cellular, organismal, systemic, and environmental biology. Through laboratory, lecture, and discussion, science is presented not simply as a collection of facts but also as a process by which concepts may be generated. Upon completion of the major, students will have a well-rounded knowledge of biology as well as an understanding of the way to use scientific methodology to solve problems.

Biology Major

Completion of the Biology major will require students to complete **one** of the three following tracks or a Cooperative 3+ Program in Biology. Only one program or track will be recorded on the student's transcript. Two **tracks** share a common core (Standard and Ecology/Conservation), and each track has additional biology, chemistry, and related field requirements, plus a Professional Development Program/Senior Year Experience. Cooperative 3+ Programs in Biology have a common core (different from the core for biology tracks) and additional specific requirements for each cooperative program. All biology courses must be completed with a grade of *C*- or better.

Core Requirements (required for both Standard and Ecology & Conservation tracks)

BIO 134/BIO 134L Principles of Biology + Lab
BIO 140/BIO 140L Cell Biology + Lab
BIO 221 Botany
BIO 230 Zoology
BIO 350 Genetics
BIO 360 Animal Physiology **OR BIO 215** Human Anatomy and Physiology
BIO 470 Senior Seminar
BIO 499 Senior Comprehensive Exam

Related Field Requirements for Biology Major (required for all biology tracks)

A grade of D- or better satisfies the requirement for successful completion of the related field courses in math and chemistry.

CHE 121 General Chemistry I
CHE 122 General Chemistry II
CHE 123 General Chemistry I Lab
CHE 124 General Chemistry II Lab

Mathematics Related Field Requirement for Biology Major

One of the following math options (grade of D- or better required).

Option 1: **MAT 135** Calculus
Option 2: **LA 103** Quantitative Reasoning and **MAT 224** Basic Applied Statistics
Option 3: **CMP 130** Introduction to Computing and **MAT 224** Basic Applied Statistics
Option 4: **MAT 131** Introduction to Quantitative Analysis and **MAT 224** Basic Applied Statistics
Option 5: **MAT 224** Basic Applied Statistics (only if previously placed into MAT 135)

Biology Professional Development Program (PDP)/Senior Year Experience (SYE)

BIO/CHE 390 Professional Development Planning
INT XXX Internship (≥ 3 hours of credit)
(INT XXX must be completed during the summer prior to or during the senior year. BIO 390 is a prerequisite for INT XXX.)

Biology Major - Standard Biology Track

In addition to the core and PDP/SYE requirements, students must take the following:

One of the following courses

BIO 240 Ecology
BIO 322 Ornithology
BIO 335 Plant Communities

Plus: A minimum of 6 hours from Biology courses numbered BIO 210-392 (except BIO 390). Students may count one cross-listed course taught by another department toward their 6 hours (i.e., only one of the following: BIO 372/372L, BIO 387/387L, or BIO 355). Students may count either BIO 215 or BIO 360 as part of this 6-hour requirement, but not both.

Biology Major – Ecology & Conservation Track

In addition to the core and PDP/SYE requirements, students must take the following:

BIO 240 Ecology
BIO 320 Conservation Biology
BIO 322 Ornithology
BIO 335 Plant Communities
BIO 365 Geographic Information Systems
ENG 228 Advanced Composition
ESC 118 Earth Science
MAT 224 Basic Applied Statistics

One of the following domestic travel courses (See Self Service for course fee)

BIO 342 Ecosystem Management
BIO 380 Field Biology

One of the following courses

POL 225 State and Local Government
POL 336 Introduction to Public Policy

Recommended courses

BIO 375 Undergraduate Research in Biology or Chemistry
CMP 130 Introduction to Computing
REL 210 Religion and the Environment

Biology Major – Biomedical Sciences Track

**Students in this track must maintain a GPA of 3.25 or better to remain in the track. Students who do not maintain this GPA must switch to the Standard Biology Track.

Required courses

BIO 134/134L Principles of Biology + Lab
BIO 140/140L Cell Biology + Lab
BIO 215 Human Anatomy and Physiology II **OR BIO 360** Animal Physiology
BIO 221 Botany **OR BIO 230** Zoology
BIO 225 Bioethics
BIO 350 Genetics
BIO 373 Microbiology
BIO 470 Senior Seminar
BIO 499 Senior Comprehensive Exam

Related field courses

CHE 121/123 General Chemistry I + Lab
CHE 122/124 General Chemistry II + Lab
CHE 221/223 Organic Chemistry I + Lab
MAT 224 Basic Applied Statistics

Plus: A minimum of 19 hours from the following list of elective courses

BIO/KIN 121 Medical Terminology
BIO 310 Principles of Immunology
BIO 312 Viruses and Viral Disease
BIO 314 Techniques in Forensic Science
BIO 324 Science Communication & Public Outreach
BIO/CHE 334 Biochemistry
BIO 355/PHY 355 Ultrasonography
BIO/EXE 372/L Exercise Physiology **OR BIO/EXE 387/L** Biomechanics
BIO 375 Undergraduate Research*
BIO 392 Techniques in Biochemistry and Biotechnology
CHE 222/224 Organic Chemistry II + Lab
PHY/CHE 357 Radiation and Health
PHY/CHE 365 Biomedical Optics
PSY 117 General Psychology**
SOC 118 Introduction to Sociology
*A maximum of 2 hours of BIO 375 can count toward required elective hours
**All students considering careers in clinical medicine are advised to complete PSY 117

Biomedical Sciences Professional Development Program/Senior Year Experience

BIO 390 Professional Development Planning
INT 151 Medical Internship (minimum of 3 credits, must take place during or summer before senior year)

Neuroscience Major

Please see separate Neuroscience section in this course catalog.

Biology Minors

All courses must be completed with a grade of C- or better.

Standard Biology Minor

Core Requirements

BIO 134/134L Principles of Biology + Lab
BIO 140/140L Cell Biology + Lab

Plus - An additional 14 credits from BIO 210-392

(BIO 225 cannot count towards both a Biology minor and the Reasoning and Values exploratory course). These 14 hours may include either BIO 372 or BIO 387, but not both. Only 8 of the 14 hours can come from BIO 210, BIO 215, and BIO 360.

Biochemistry Minor

(Available to non-biology and non-chemistry majors only)

Required courses

BIO 134/BIO 134L Principles of Biology + Lab
BIO 140/140L Cell Biology + Lab
BIO/CHE 334 Biochemistry
BIO/CHE 392 Techniques in Biotechnology & Biochemistry
CHE 222 Organic Chemistry II
CHE 224 Organic Chemistry Lab II

One of the following courses

BIO 215 Human Anatomy and Physiology II or **BIO 360** Animal Physiology
BIO 373 Microbiology

Recommended Course

BIO 375 Undergraduate Research in Biology or Chemistry

Environmental Science Minor

(Available to non-biology majors only)

Core Requirements

BIO 134/134L Principles of Biology + Lab
BIO 240 Ecology
BIO 320 Conservation Biology
BIO 380 Field Biology
ESC 118 Earth Science
INT XXX Environmental Science Internship

One of the following courses

BIO 322 Ornithology
BIO 335 Plant Communities

One of the following courses

ECO 121 Principles of Microeconomics OR **ECO 123** Principles of Macroeconomics
POL 110 American National Government
SOC 118 Introduction to Sociology

Neuroscience Minor

Please see separate Neuroscience section in this course catalog.

Pre-Health Professions Programs

Franklin College offers pre-health professions advising to students who are interested in applying to medical school or other health-related professional schools. For more information or questions, please contact the respective faculty member for each profession. Additional information regarding pre-professional program requirements are located on our website https://franklincollege.edu/major/pre-professional/

Pre-Med (allopathic and osteopathic) - Dr. Winter
Pre-Podiatry-Dr. Winter
Pre-Pharmacy - Dr. Thapaliya
Pre-Dentistry –Dr. Winter
Pre-Veterinary Medicine - Dr. O'Neal
Pre-Optometry- Dr. Thapaliya
Pre-Medical Laboratory Science - Dr. Thapaliya
Pre-Physician's Assistant – Dr. Winter
Pre-Forensic Science—Dr. Florian
Pre-Nursing—Dr. Cain

Cooperative Programs in Biology

All cooperative programs for the biology major consist of a common core and specific courses required for each particular program. After completion of three years of college work in one of these programs and fulfilling Franklin College graduation requirements (except total graduation hours), students may receive a bachelor of arts degree from Franklin College upon completing one year at the cooperating institution, for a total of 120 semester hours. Successful completion of the first year in the cooperative program satisfies the internship or senior year experience requirement for the major ***unless otherwise noted***. Any student following these programs who is not accepted by the cooperating institution after the third year could return to Franklin College and receive a bachelor of arts in biology by completing: 1) all of the remaining requirements for the biology major standard program, and 2) 120 total semester hours required for graduation. *(Students with a declared enrollment in the aforementioned cooperative programs will be given priority during registration in subsequent semester(s)).*

Cooperative Programs in Health-related Professions

Core Requirements

BIO 134/134L Principles of Biology + Lab
BIO 140/140L Cell Biology + Lab
BIO 350 Genetics
BIO 390 Professional Development Planning
BIO 470 Biology Seminar
BIO 499 Senior Competency Practicum
CHE 121 & 123 General Chemistry I & Lab
CHE 122 & 124 General Chemistry II & Lab

Mathematics Requirement

One of the following math options

Option 1: **MAT 135** Calculus
Option 2: **LA 103** Quantitative Reasoning and **MAT 224** Basic Applied Statistics
Option 3: **CMP 130** Introduction to Computing and **MAT 224** Basic Applied Statistics
Option 4: **MAT 131** Introduction to Quantitative Analysis and **MAT 224** Basic Applied Statistics
Option 5: **MAT 224** Basic Applied Statistics (only if previously placed into MAT 135)

One of the following courses

BIO 221 Botany
BIO 230 Zoology
BIO 240 Ecology

Biology/Chemistry Professional Development Program/Senior Year Experience

Successful completion of the first year in the cooperative program satisfies the internship or senior year experience requirement for the major ***unless otherwise noted***.

Plus additional specific program requirements - choose one of the four following programs

A. Medical Laboratory Science at *IU Health Methodist Hospital*

BIO 215 Human Anatomy and Physiology II or **BIO 360** Animal Physiology
BIO 373 Microbiology
BIO/CHE 334 Biochemistry
CHE 221 & CHE 223 Organic Chemistry I and Lab
CHE 222 & CHE 224 Organic Chemistry II and Lab
Plus: Completion of the clinical program IU Health Methodist Hospital.

B. Doctor of Pharmacy at *Purdue University*

BIO 215 Human Anatomy and Physiology II
BIO 310 Principles of Immunology
BIO 373 Microbiology
CHE 221 & CHE 223 Organic Chemistry I and Lab
CHE 222 & CHE 224 Organic Chemistry II and Lab
ECO 121 Principles of Microeconomics OR **ECO 123** Principles of Macroeconomics
MAT 140 Introduction to Mathematical Sciences
MAT 142 Calculus II
PHY 201 or 211 & 203 General Physics I and Lab

C. Dentistry at *most accredited dental schools*

BIO 215 Human Anatomy and Physiology II
BIO/CHE 334 Biochemistry
CHE 221 & CHE 223 Organic Chemistry I and Lab
PHY 201 or 211 & 203 General Physics I and Lab
PHY 202 or 212 & 204 General Physics II and Lab
PSY 117 General Psychology
Plus completion of the DAT no later than the fall of the junior year.

IU Dental School strongly suggests
BIO 373 Microbiology
BIO/CHE 392 Techniques in Biotechnology and Biochemistry

D. Masters of Public Health at *IU-I Richard M. Fairbanks School of Public Health*

BIO 215 Human Anatomy and Physiology II
BIO 230 Zoology
BIO 373 Microbiology
BIO electives (6 hours)
CHE 221 & CHE 223 Organic Chemistry I and Lab
CMP 130 Introduction to Computing
MAT XXX Math Elective

E. Bachelor of Science in Nursing at *University of Indianapolis*

BIO 215 Human Anatomy and Physiology II
BIO 373 Microbiology
PHL XXX Philosophy course **or** BIO 225 Bioethics
PSY 117 General Psychology
SOC 118 Introduction to Sociology
INT 151 Medical Internship

Pre-Physician Assistant (PA) Studies at Franklin College

Franklin College offers all of the prerequisite courses required for application to most PA programs in Indiana and throughout the country.

Students should reference the appropriate section of this course catalog for the specific required and recommended courses, as well as additional admission guidelines for the Franklin College PA program.

Biology Course Descriptions

BIO 001 Laboratory Assistant		1 credit hour
Fall and Spring		Prereq: permission of the instructor

Students will assist a faculty member in setting up the labs, lab instruction, research, or maintaining biological facilities. While doing this, students will learn proper laboratory procedure techniques. The course is highly recommended for graduate school bound students or students interested in science teaching. Counts as an activity course credit.

BIO 114 General Biology		4 credit hours
Fall and Spring	Scientific Thinking exploratory	

Explores the functional and organizational principles of life from the cellular to the ecosystem level using evolutionary theory as the unifying framework. Topics in human and plant biology are used to illustrate basic biological concepts. Three hours lecture, two hours laboratory.

BIO 121 Medical Terminology and Documentation for Allied Health Professions		2 credit hours
Fall		

This course presents a basic study of medical terminology. Prefixes, suffixes, root words, combining forms, special endings, plural forms, abbreviations, and symbols are included in the content. This course is intended to assist those studying in medical and allied health-care fields by learning a system for defining, using, spelling, and pronouncing medical words. Basic principles of documentation and the various forms used by allied health-care professionals are also encompassed in this course. Same as KIN 121.

BIO 134 Principles of Biology		4 credit hours
Fall	Scientific Thinking exploratory	

This course is the first semester of a two semester sequence in biology for biology and chemistry majors. The purpose of this course is to provide science majors with a basic understanding of biology and aid in the development of critical thinking skills. Topics including Mendelian and population genetics, natural selection and evolution will be discussed. Four hours lecture and discussion, two hours laboratory.

BIO 134L Principles of Biology Lab		0 credit hours
Fall		

Lab portion of Principles of Biology. Must be taken concurrently with BIO 134.

BIO 140 Cell Biology		4 credit hours
Spring		Prereq: minimum grade of C- in BIO 134, or permission of the instructor Coreq: BIO 140L

A detailed understanding of cells will be developed in relationship to the following topics: ultra structure, biochemistry, metabolism, reproduction, molecular genetics, gene regulation, membrane transport, photosynthesis and respiration. Four hours lecture and discussion, two hours laboratory. Must be taken concurrently with BIO 140L.

BIO 140L Cell Biology Lab		No credit
Spring		Prereq: minimum grade of C- in BIO 134, or permission of the instructor Coreq: BIO 140

Lab portion of Cell Biology. Must be taken concurrently with BIO 140.

BIO 205 Environmental Issues		3 credit hours
On demand	Civic Learning exploratory	Prereq: LA 101

In this interdisciplinary course, students will examine various environmental issues of the 21st century. Governmental agencies, nonprofit organizations, and grassroots efforts will be examined as students learn how to actively address global issues. This course is intended for non-biology majors, and may not be taken if credit for BIO 320 has been earned.

BIO 210 Human Anatomy and Physiology I		4 credit hours
Fall		Prereq: BIO 140

This is the first of a two-semester sequence in which human anatomy and physiology are studied using a body systems approach, with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. The first semester covers an introduction to scientific principles, principles of cell biology, histology, the integumentary, skeletal, muscular, and nervous systems. The laboratory includes examinations of anatomical models and physiological investigations.. Three hours lecture, two hours laboratory.

BIO 215 Human Anatomy and Physiology II		4 credit hours
Spring		Prereq: BIO 210

This is the second of a two-semester sequence in which human anatomy and physiology are studied using a body systems approach with emphasis on the interrelationships between form and function at the gross and microscopic levels of organization. The second semester covers the cardiovascular, lymphatic, digestive, urinary, reproductive systems, and endocrine. The laboratory includes examinations of anatomical models and physiological investigations.. Three hours lecture, two hours laboratory.

BIO 221 Botany		4 credit hours
Spring		Prereq: BIO 140

Principles of form, function, growth, reproduction, physiology, classification and evolution in algae, fungi and plants. Flowering plants will be keyed, to help train students in key elements of plant identification. Three hours lecture, three hours laboratory.

BIO 225 Bioethics		3 credit hours
Fall	Reasoning and Values exploratory	Prereq: BIO 114 or BIO 134

In this course students will explore ethical issues relating to medicine and scientific research. Each topic will be examined using a values-based analysis, and awareness of leadership principles. Emphasis will be on biological principles, decision-making, and conflict management. Specific topics will include: use of humans in research, genetics and fertility, end of life issues, and topics concerning embryos, cloning, and genetic engineering.

BIO 230 Zoology		4 credit hours
Fall		Prereq: BIO 140

A survey of animals with an emphasis on evolution, structure, function, and life cycles of representative taxa. Three hours lecture and three hours lab.

BIO 240 Ecology		4 credit hours
Fall		Prereq: BIO 140 or consent of instructor

This course examines the relationships of plants and animals to their biological and physical environment. Lecture, lab, and field learning will include a focus on understanding and manipulating wildlife habitats and population dynamics, in the context of human objectives and influences. The relationship between theoretical ecology and applied management will be emphasized by examining the specific ways in which the biology of plants and wildlife informs effective management. Three hours lecture, three hours laboratory.

BIO 300 Topics in Biology		3 credit hours
On demand		

A topic of current interest in biology will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

BIO 310 Principles of Immunology		3 credit hours
Spring, even academic years		Prereq: BIO 140

A foundational course in immunology, which explores how human health depends on the function of the immune system. Areas of focus include the role of the immune system in detecting and destroying invading pathogens, tumor immunology, allergies, autoimmune diseases, and vaccination. Mechanisms of innate and adaptive immunity will be emphasized. The course is targeted towards students interested in pursuing careers in biotechnology, medicine, and health-related research.

BIO 312 Viruses and Viral Disease		3 credit hours
Spring, even academic years	Civic Learning exploratory	Prereq: "D-" or higher in BIO 140

This course will provide an introduction to the diverse and prolific viruses that inhabit our planet, with a special focus on disease-causing viruses. The course will include molecular virology, viral pathogenesis, antiviral immunity and vaccination, and viral epidemiology. An emphasis will be placed on reading understanding primary scientific literature. Special attention will be paid to applying the concepts learned in class to viral pandemics and epidemics, drawing connections between contemporary and historical viral pandemics and epidemics. To that end, we will work to critically engage with information and misinformation shared publicly about viruses, viral disease, and vaccines by public officials, non-governmental organizations, educational institutions, medical professionals, and peers.

BIO 314 Techniques in Forensic Science		3 credit hours
Spring, odd academic years		Prereq: CHE 122 and BIO 140, or instructor permission

The laboratory techniques used in Forensic Science are frequently portrayed in film and television. However, rarely are these practices accurately portrayed. This course will focus on the chemistry and biology laboratory techniques, instrumentation, practices, and applications commonly used in the field of forensic science. The course will consist of a 2 credit hour lecture period and a 1 credit hour lab period to touch on both the theory and practical application of the topics discussed. Same as CHE 314.

BIO 320 Conservation Biology		3 credit hours
Fall, odd academic years	Civic Learning exploratory	Prereq: BIO 140; Prereq or Coreq: BIO 240

In this course, students will be immersed into the principles of conservation biology. Important topics include species diversity, habitat preservation, habitat management, invasive species, endangered species, ecological economics, global climate change, and various legislation that impacts conservation biology. Students will explore how these concepts are used by managers to make science and evidence-based decisions. As a Civic Learning course, we will also examine government authorities associated with conservation biology and learn how to effectively communicate/advocate to stakeholders and decision-makers. Students who are enrolled in or have earned credit for BIO 205 must petition the Biology Department to enroll in BIO 320.

BIO 322 Ornithology		3 credit hours
Spring, even academic years		

A comprehensive study of birds with an emphasis on morphology, taxonomy, identification, evolution, ecology, and conservation. Two hours lecture, three hours laboratory.

BIO 324 Science Communication and Public Outreach		3 credit hours
Spring, odd academic years		Prereq: Junior status (58+ hours completed)

This course provides training in best practices in communicating scientific concepts for both scientific and non-scientific audiences and in facilitating high-quality public engagement with science. The class is largely practice-based, with students having many opportunities to hone their science communication skills. Students plan and execute a science outreach event, produce written work in multiple forms for lay and technical audiences, and create audio and video content that communicates scientific concepts. Students also learn to design and produce high-quality data visualizations that are clear and concise. Though this course is rooted in the biological sciences, students from all disciplines are welcomed, including students from the physical and social sciences and students from journalism or theater backgrounds.

BIO 334 Biochemistry		3 credit hours
Spring		Prereq: BIO 140, CHE 221 and CHE 223

An introduction to the chemistry of biomolecules, metabolism, and biosynthesis. Three hours lecture. Note: This course may count toward either a Biology major or a Chemistry major, but not both. Same as CHE 334.

BIO 335 Plant Communities		4 credit hours
Fall, even academic years		Prereq: BIO 114 or BIO 134

An introduction to the plant communities in Indiana with emphasis on plant identification, plant associations, and exotic species. Three hours lecture, three hours laboratory.

BIO 342 Ecosystem Management		2 credit hours
Spring, even academic years		

An immersive, field-based study of the natural resources and socioeconomic realties of complex ecosystems such as the Mississippi Delta and associated coastal marshes of Louisiana. Students will gain firsthand knowledge of the methods used by contemporary biologists to study and conserved plants and wildlife. Student learning focuses on understanding and manipulating wildlife habitats and population dynamics, in the context of human objectives and influences. This course includes a week-long field trip over spring break with significant amounts of travel, hiking, wading, boating, kayaking, angling, and time outdoors.

BIO 350 Genetics		4 credit hours
Spring		Prereq: BIO 140, junior status or consent of instructor

A study of the principles of heredity, including Mendelian, molecular, and population genetics. Three hours lecture, two hours laboratory.

BIO 355 Ultrasonography		3 credit hours
Spring, odd academic years, rotating with PHY 365		Prereq: BIO 210 & 215 or ANAT 210 & 220 or BIO 360 or consent of instructor

Ultrasound is integrated in the health professions and medical education curriculum extensively because of its non-invasive nature and diagnostic utility. The course is divided into four sections: introductory ultrasonography, musculoskeletal, cardiovascular, and abdominal ultrasonography. The course provides hands-on training for proper utilization and appropriate operation of ultrasound equipment to assess various regions of the body, as well as a review of Focused Assessment with Sonography in Trauma (FAST) assessment. Same as PHY 355.

BIO 360 Animal Physiology		4 credit hours
Fall, odd academic years		Prereq: BIO 140; CHE 121 and 122

Explores the chemistry and physics of the living animal. Topics include cellular physiology, metabolism, organ systems, and mechanisms of control. Emphasis is placed on specific adaptive mechanisms of the animal to its environment. The course stresses interpretation of experimental results both in the lecture and lab. Three hours lecture, three hours laboratory.

BIO 365 Geographic Information Systems		3 credit hours
Spring, odd academic years		

An experiential study of spatial analysis and cartography using geographic information systems (GIS). Students will engage in project-based learning to develop the digital, quantitative, and analytical skills needed to leverage the industry's leading software tool, ArcGIS. As learners and technical consultants, we will collect data, conduct spatial analyses, interpret results, and create various map products to assist local non-profit organizations in their conservation objectives.

BIO 372 Exercise Physiology		3 credit hours
Fall and spring		Prereq: ANAT 220, EXE 119, EXE 208, EXE 234 Coreq: BIO 372L

Exercise physiology is the study of acute and chronic adaptations of the body's physiological systems to movement and physical conditioning. Physiological foundations and the development of physiological fitness components will be discussed. A laboratory component is integrated into class sessions. Same as EXE 372.

BIO 372L Exercise Physiology Lab		No credit
Fall and spring		Co-req: BIO 372

Lab component to BIO 372 Exercise Physiology. Same as EXE 372L.

BIO 373 Microbiology		4 credit hours
Fall		Prereq: BIO 140 and consent of instructor

This lecture- and lab- based course provides a thorough understanding of the biology of microorganisms. Topics include microbial taxonomy, cell structure and function, metabolism, genetics, host-microbe interactions, treatment of microbial diseases, and the relevance of public health to microbiology. A basic introduction to human immune function is included, and students will develop a detailed understanding of microbial pathogenesis as well as the role of commensal microbes in human health and disease and the role of microbes in a variety of ecosystems. The role of bioinformatics in modern microbiology will be addressed, and students will receive hands-on bioinformatics experience. The lab will require students to obtain proficiency in safely handling and culturing bacteria, preparing microscopy slides, and operating microscopes. Students will also utilize molecular biology, biochemical, and bioinformatics techniques to identify bacteria and will complete laboratory projects requiring these skills. 3 hours lecture, 3 hours laboratory.

BIO 374 Advanced Cell and Molecular Biology		3 credit hours
On demand		Prereq: BIO 140 is required, BIO 350 is preferred but not required.

This course is an in-depth, advanced look at cellular and molecular processes applicable to both research and medicine. Mechanisms of DNA repair, transcription and translation regulation, cell communication and cellular transport will be discussed. Much of this course will rely on the analysis of primary literature and interpretation of experimental data to understand cell biology in the context of cancer and other cellular dysfunctions. The course is 3 hours of lecture with no laboratory component.

BIO 375 Undergraduate Research in Biology or Chemistry		2 credit hours
		Prereq: consent of instructor

To receive academic credit for an undergraduate research experience students must complete a project proposal endorsed by a sponsoring science faculty member. The application will contain an overview of the project, specific project goals, deadlines for the completion of the project, and specific project outcomes that will be evaluated and used to determine the final grade. All projects must meet the following criteria: a) spending an average of 6 hours/week during the semester (for 2 credits) working on the project; b) writing a scientific paper summarizing the results of the study; c) preparing an electronic poster of the project results; d) maintaining a lab notebook, and e) presenting the results of the project to an audience. The project must be approved by the Chair (or designee) of the sponsoring department.

BIO 380 Field Biology		2 credit hours
Spring, odd academic years		Prereq: BIO 134 and consent of instructor

This course meets once a week for the entire semester and has a one week field trip during Spring Break to a distinctive ecosystem (e.g., Smoky Mountains). Natural history and ecological analysis of animal and plant communities are emphasized. Students conduct a research project that is presented to the class and public in addition to keeping a detailed journal that includes both scientific information and reflections of the experience. Hiking and other outdoor skills are required.

BIO 382 Comparative Animal Behavior		3 credit hours
On demand		Prereq: BIO 140

A study of how and why animals do what they do (i.e., the proximate and ultimate cause of animal behavior). Students investigate the genetic and sensory/motor mechanisms of behavior, the possible evolutionary histories of behavior, the effects of behavior on fitness, and the role of behavioral ecology in conservation.

BIO 387 Biomechanics		3 credit hours
Fall and spring		Prereq: ANAT 220, EXE 119, EXE 208, EXE 234 Co-req: BIO 387L

The course will provide the student with a mechanical examination of the motion of the human body. Application of anatomical, physiological and mechanical data will be used to explain and predict movements of the body to improve technique or prevent injury. A laboratory experience is integrated into class sessions. Must be taken concurrently with BIO 387L. Same as EXE 387.

BIO 387L Biomechanics Lab		No credit
Fall and spring		Co-req: BIO 387

Lab component to BIO 387 Biomechanics. Same as EXE 387L.

BIO 390 Professional Development Planning		1 credit hour
Fall and Spring		

The primary objective of this course is to prepare students for the Professional Development Experience and chosen careers. Students will participate in professional development workshops.

BIO 392 Techniques in Biotechnology and Biochemistry		3 credit hours
Spring, odd years		Prereq: BIO 140, CHE 121, & CHE 122

Students in this course will investigate the myriad of technology available to study DNA, RNA and proteins covering both the theories and applications in research, medical, and industrial settings. Techniques covered will include use of prokaryotic and eukaryotic organisms in recombinant DNA technologies, gene expression microarrays, protein analysis by Western blot, and protein interaction analysis in yeast and higher eukaryotes. Lab work involves using techniques which are the foundation for research in molecular biology. Four hours laboratory. Note: This course may count toward either a Biology major or a Chemistry major, but not both. Same as CHE 392.

BIO 470 Biology Seminar		2 credit hours
Fall and spring		Prereq: At least junior class standing and 16 or more completed BIO course credits Coreq: BIO 499

Students explore and summarize the scientific literature related to an individual topic and present their findings in a formal review paper and a public presentation.

BIO 482 Biology Practicum		1-2 credit hours
		Prereq: instructor permission

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

BIO 490 Independent Study		1-2 credit hours
		Prereq: Departmental consent is required

Course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in regular departmental course offerings.

BIO 499 Senior Competency Practicum		No credit
Fall and Spring		Prereq or Coreq: BIO 350 Coreq: BIO 470

An examination (i.e., Major Field Test) covering basic biological principles. Grade of D- or better required.

PDP 301 Health Professions Career Preparation		1 credit hour
Fall		

This course will help students to prepare for careers in the health professions and for the application process involved in graduate health program admissions. Topics covered will include, but are not limited to: 1) understanding and navigating the application/admissions process 2) developing competencies as a pre-health student 3) assessing professional programs and finding your fit 4) preparing for entrance exams 5) writing personal statements 6) preparing for interviews 7) balancing work-school-life & preventing burnout 8) funding your education. The course may also include guest speakers and/or field trips and will provide a space for discussing special topics of student interest. Pass/Fail.

Business

Department: Economics, Business, and Accounting
Department Chair: A. Mescall
Department Members: O. Adisa, L. Hamer, S. Locklear, A. Mescall, R. Rungta, J. VanAndel

Major: Business (Concentrations: Finance, Digital Marketing, Management, Economics, Accounting, Non-Profit Administration, and Individualized)
Minor: Business; Entrepreneurship

The department provides theoretical and practical education in these programs: economics, business, and accounting. Majors and minors are offered in each of these programs.

The business curriculum is designed to provide students with a working knowledge of economics, accounting, and the major applied disciplines of management, marketing, and finance, as well as specialized expertise in one of the seven concentrations open to business majors. Students completing the major will be prepared for employment in a wide variety of business positions or for graduate study in business. The department requires students to complete one internship and encourages students to do two.

A major or minor in business requires the student to have a minimum graduation GPA of 2.00 (A=4.00) in all required major/minor courses and to complete with grades of *C*- or better all coursework for the major, minor, and related field. Furthermore, regardless of major, all students taking business courses must complete all prerequisites with a *C*- or better.

Students who excel in the program have the opportunity to join Delta Mu Delta, the national business honor society. Juniors and seniors who have earned an overall GPA of 3.3. at the time of invitation are eligible to join. Additionally, many scholarships are available to students who excel in the program.

Business Major - Finance Concentration

Note: Business majors must complete BUS 101, BUS 102, ECO 121, ECO 123, ECO 221, ECO 223, ACC 221, ACC 222, ACC 235, MAT 131, and MAT 224 with a 'C-' or better **before** enrolling in 300 or 400-level course in the department.

Core Requirements

BUS 101 Introduction to The Business Mindset
BUS 102 Development of the Entrepreneurial Skillset
BUS 331 Business Law I
BUS 351 Business Finance
BUS 361 Contemporary Marketing
BUS 371 Operations Management
BUS 475 Strategic Implementation Project
BUS 499 Senior Competency Practicum
ACC 235 Data Management and Analysis
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
MAT 131 Introduction to Quantitative Analysis
MAT 224 Basic Statistics

Professional Development Requirements

BUS 482 Professional Practicum
INT XXX Business Internship (Senior Year Experience)
PDP 200 Preparing for Your Internship

Related Field Requirements

ACC 221 Principles of Accounting I
ACC 222 Principles of Accounting II
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
CMP 130 Introduction to Computing

Concentration Requirements

BUS 352 Investments
BUS/ECO 380 Econometrics

Three of the following courses (a maximum of one (1) course from the list of electives may be used to fulfill electives of additional business concentrations)

ACC 321 Managerial-Cost Accounting
ACC 341 Introduction to Taxation
BUS/ECO 350 International Business & Finance
BUS 353 Principles of Risk and Insurance
BUS/PDP/SOC 358 Personal Finance and Public Policy
ECO 330 Money and Banking
MAT 345 Statistical Consulting Project

Note: *Many non-business courses that can be used for business tracks have prerequisites. Students who plan to take non-business courses should take care to schedule the prerequisites.*

Business Major – Digital Marketing Concentration

Note: Business majors must complete BUS 101, BUS 102, ECO 121, ECO 123, ECO 221, ECO 223, ACC 221, ACC 222, ACC 235, MAT 131, and MAT 224 with a 'C-' or better **before** enrolling in 300 or 400-level course in the department. This major is offered partially online through a consortium of accredited colleges and universities. Four courses within the program are delivered by faculty employed by partner institutions in the consortium, with technology and administrative support provided by Rize Education. Oversight of courses offered through the consortium are reviewed and approved by Franklin College. Students register through Franklin College and receive academic credit from Franklin College.

Core Requirements

BUS 101 Introduction to The Business Mindset
BUS 102 Development of the Entrepreneurial Skillset
BUS 331 Business Law I
BUS 351 Business Finance
BUS 361 Contemporary Marketing
BUS 371 Operations Management
BUS 475 Strategic Implementation Project
BUS 499 Senior Competency Practicum
ACC 235 Data Management and Analysis
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
MAT 131 Introduction to Quantitative Analysis
MAT 224 Basic Statistics

Professional Development Requirements

BUS 482 Professional Practicum
INT XXX Business Internship (Senior Year Experience)
PDP 200 Preparing for Your Internship

Related Field Requirements

ACC 221 Principles of Accounting I
ACC 222 Principles of Accounting II
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
CMP 130 Introduction to Computing

Concentration Requirements

BUS 310 Going Viral and Growth Hacking
BUS 312 Social Media Marketing, Brand Awareness, and Engagement
BUS 314 Lifecycle and Email Marketing
BUS 316 Digital Marketing Analytics and Experimentation
BUS 365 Digital Marketing

Note: *Many non-business courses that can be used for business tracks have prerequisites. Students who plan to take non-business courses should take care to schedule the prerequisites.*

Business Major - Management Concentration

Note: Business majors must complete BUS 101, BUS 102, ECO 121, ECO 123, ECO 221, ECO 223, ACC 221, ACC 222, ACC 235, MAT 131, and MAT 224 with a 'C-' or better **before** enrolling in 300 or 400-level course in the department.

Core Requirements

BUS 101 Introduction to The Business Mindset
BUS 102 Development of the Entrepreneurial Skillset
BUS 331 Business Law I
BUS 351 Business Finance
BUS 361 Contemporary Marketing
BUS 371 Operations Management
BUS 475 Strategic Implementation Project
BUS 499 Senior Competency Practicum
ACC 235 Data Management and Analysis
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
MAT 131 Introduction to Quantitative Analysis
MAT 224 Basic Statistics

Professional Development Requirements

BUS 482 Professional Practicum
INT XXX Business Internship (Senior Year Experience)
PDP 200 Preparing for Your Internship

Related Field Requirements

ACC 221 Principles of Accounting I
ACC 222 Principles of Accounting II
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
CMP 130 Introduction to Computing

Concentration Requirements

ACC 321 Managerial-Cost Accounting
BUS/ECO 360 Labor Economics and Management

Three of the following courses (a maximum of one (1) course from the list of electives may be used to fulfill electives of additional business concentrations)

BUS/ECO 340 Business Organization and Public Policy
BUS/PDP/SOC 358 Personal Finance and Public Policy
BUS/ECO 380 Econometrics
CMP 360 Operations Research
LEA 220 Leadership: Foundations, Theory, and Practice
PHL 220 Principles of Ethics
PSY 250 Industrial Organizational Psychology
PSY 315 Psychology of Diversity
PSY 320 Social Psychology
PSY 328 Cognitive Psychology
PSY 421 Theories of Personality
SOC 230 Introduction to Nonprofits

SOC 323 Organizations

Note: *Many non-business courses that can be used for business tracks have prerequisites. Students who plan to take non-business courses should take care to schedule the prerequisites.*

Business Major – Economics Concentration

Note: Business majors must complete BUS 101, BUS 102, ECO 121, ECO 123, ECO 221, ECO 223, ACC 221, ACC 222, ACC 235, MAT 131, and MAT 224 with a 'C-' or better **before** enrolling in 300 or 400-level course in the department.

Core Requirements

BUS 101 Introduction to The Business Mindset
BUS 102 Development of the Entrepreneurial Skillset
BUS 331 Business Law I
BUS 351 Business Finance
BUS 361 Contemporary Marketing
BUS 371 Operations Management
BUS 475 Strategic Implementation Project
BUS 499 Senior Competency Practicum
ACC 235 Data Management and Analysis
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
MAT 131 Introduction to Quantitative Analysis
MAT 224 Basic Statistics

Professional Development Requirements

BUS 482 Professional Practicum
INT XXX Business Internship (Senior Year Experience)
PDP 200 Preparing for Your Internship

Related Field Requirements

ACC 221 Principles of Accounting I
ACC 222 Principles of Accounting II
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
CMP 130 Introduction to Computing

Concentration Requirements

BUS/ECO 360 Labor Economics and Management
BUS/ECO 380 Econometrics

Three of the following courses (a maximum of one (1) course from the list of electives may be used to fulfill electives of additional business concentrations)

ECO 330 Money and Banking
BUS/ECO 340 Business Organization and Public Policy
BUS/ECO 350 International Business and Finance
MAT 345 Statistical Consulting Project

Note: *Many non-business courses that can be used for business tracks have prerequisites. Students who plan to take non-business courses should take care to schedule the prerequisites.*

Business Major – Accounting Concentration

Note: Business majors must complete BUS 101, BUS 102, ECO 121, ECO 123, ECO 221, ECO 223, ACC 221, ACC 222, ACC 235, MAT 131, and MAT 224 with a 'C-' or better **before** enrolling in 300 or 400-level course in the department.

Core Requirements

BUS 101 Introduction to The Business Mindset
BUS 102 Development of the Entrepreneurial Skillset
BUS 331 Business Law I
BUS 351 Business Finance
BUS 361 Contemporary Marketing
BUS 371 Operations Management
BUS 475 Strategic Implementation Project
BUS 499 Senior Competency Practicum
ACC 235 Data Management and Analysis
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
MAT 131 Introduction to Quantitative Analysis
MAT 224 Basic Statistics

Professional Development Requirements

BUS 482 Professional Practicum
INT XXX Business Internship (Senior Year Experience)
PDP 200 Preparing for Your Internship

Related Field Requirements

ACC 221 Principles of Accounting I
ACC 222 Principles of Accounting II
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
CMP 130 Introduction to Computing

Concentration Requirements

ACC 311 Intermediate Accounting I
ACC 321 Managerial-Cost Accounting

Three of the following courses (a maximum of one (1) course from the list of electives may be used to fulfill electives of additional business concentrations)

ACC 312 Intermediate Accounting II
ACC 341 Introduction to Taxation
ACC 420 Auditing
ACC 431 Advanced Accounting
BUS 352 Investments
BUS/ECO 380 Econometrics

Note: *Many non-business courses that can be used for business tracks have prerequisites. Students who plan to take non-business courses should take care to schedule the prerequisites.*

Business Major – Nonprofit Administration Concentration

Note: Business majors must complete BUS 101, BUS 102, ECO 121, ECO 123, ECO 221, ECO 223, ACC 221, ACC 222, ACC 235, MAT 131, and MAT 224 with a 'C-' or better **before** enrolling in 300 or 400-level course in the department.

Core Requirements

BUS 101 Introduction to The Business Mindset
BUS 102 Development of the Entrepreneurial Skillset
BUS 331 Business Law I
BUS 351 Business Finance
BUS 361 Contemporary Marketing
BUS 371 Operations Management
BUS 475 Strategic Implementation Project
BUS 499 Senior Competency Practicum
ACC 235 Data Management and Analysis
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
MAT 131 Introduction to Quantitative Analysis
MAT 224 Basic Statistics

Professional Development Requirements

BUS 482 Professional Practicum
INT XXX Business Internship (Senior Year Experience)
PDP 200 Preparing for Your Internship

Related Field Requirements

ACC 221 Principles of Accounting I
ACC 222 Principles of Accounting II
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
CMP 130 Introduction to Computing

Concentration Requirements

NPL/SOC 222 Social Problems & Nonprofit Responses
NPL/SOC 230 Introduction to Nonprofits

Three of the following courses (a maximum of one (1) course from the list of electives may be used to fulfill electives of additional business concentrations)

BUS/ECO 340 Business Organization and Public Policy
BUS/PDP/SOC 358 Personal Finance and Public Policy
ECO/MAT/PSY/SOC 345 Statistical Consulting Project
LEA 220 Leadership: Foundations, Theory, and Practice
MAT 345 Statistical Consulting Project
LEA/NPL/SOC 315 Leadership Capstone
SOC 323 Organizations

Note: *Many non-business courses that can be used for business tracks have prerequisites. Students who plan to take non-business courses should take care to schedule the prerequisites.*

Business Major – Individualized Concentration

Students may create a concentration to be approved by the Economics, Business, and Accounting faculty. Majority approval (3 out of 5) is required. Students should use the following criteria when proposing an individualized area of concentration:

1. A thorough explanation and justification of how this concentration will relate to student's career path.
2. A thorough explanation and justification of how courses picked relate to one another within the area of concentration.
3. A thorough explanation of why one of the existing concentrations does not fit the needs of the student.
4. A *minimum* of 4 courses will be required as part of the concentration with the following guideline:
    a. 100-level courses may not be part of the individualized concentration.
    b. A maximum of one course at the 200-level.
    c. A minimum of three additional courses at the 300 or 400-level.

Business Minor

***Note**: Business minors must complete BUS 101, ECO 121 OR ECO 123, and ACC 221 with a C- or better before enrolling in 300 or 400 level courses in the department.*

ACC 221 Principles of Accounting I
BUS 101 Introduction to the Business Mindset
BUS 102 Development of the Entrepreneurial Skillset
ECO 121 Principles of Microeconomics OR **ECO 123** Principles of Macroeconomics

Three of the following courses:
ACC 222 Principles of Accounting II
BUS 340 Business Organization and Public Policy
BUS 351 Business Finance
BUS 361 Contemporary Marketing
BUS 365 Digital Marketing
BUS 371 Operations Management
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics

Entrepreneurship Minor

Core requirements
ACC 235 Data Management & Analysis
BUS 102 Development of the Entrepreneurial Skillset
ENT 225 Design Thinking & Agile Processes
ENT 499 Senior Portfolio or Symposia

Technical Skillset Elective (choose one)
ART 240 Graphic Design II
BIO 240 Ecology
CMP 283 Web Software Construction & Testing I
MAT 181 Discrete Mathematics
MAT 224 Basic Applied Statistics*
PDP 330 Big Data and the Professional Workplace
PSY 227 Introduction to Statistics and Research Methods in Psychology
Any BIO/CHE course at 300 level or above

**Will not fulfill Skillset requirements for Economics, Accounting, or Business majors*

Storytelling & Leadership Skillset (choose at least two)
The courses chosen must be in separate disciplines (e.g. cannot take two BIO or PRL courses to fulfill the requirement)
BIO 225 Bioethics
BIO 320 Conservation Biology
BIO 342 Ecosystem Management
BUS 361 Contemporary Marketing
ANY BUS/Digital Marketing Concentration Requirement
CWR 290 Creative Nonfiction
ENG 210 Introduction to Literary Research
ENG 228 Advanced Composition
ENG 485 Communications Consulting Project
MAT 345 Statistical Consulting Project
POL 275 Law & Politics in American Society (Moot Court)
POL 350 Public Administration
IMM XXX Model UN
PRL 333 Public Relations Writing
PRL 480 Strategic Communications Campaigns
PSY 250 Industrial Organizational Psychology
SOC 222 Social Problems and Nonprofit Responses
SOC 323 Organizations
THE 245 Playwriting

Entrepreneurial Capstone Experience (choose one)
ENT 480 European Innovation Academy
INT 412 Advanced Entrepreneurial Internship
Independent Study OR **SNT 489** Senior Entrepreneurial Internship

Business Course Descriptions

BUS 101 Introduction to the Business Mindset		3 credit hours
Fall and spring		

This is the first in a two-course series introducing students to the functions, institutions, principles, and practices of American business. Course topics include organization types and structure, key functional areas in business, as well as the exploration of ethical issues of business management. Students will work individually and in teams to learn and begin to adopt the business mindset. The course requires active student participation in discussion and application of critical business topics through coursework, guest lecturers, case studies, and other individual and team assignments. Students will be required to attend up to four events/presentations outside of regular class meeting times.

BUS 102 Development of the Entrepreneurial Skillset		3 credit hours
Fall and spring		Prereq: BUS 101

This course is the second in a two-part series to introduce business majors and minors to core concepts. This course invites students to participate in hands-on experiences to build the skills necessary to start and operate a business. Students will identify opportunities for business ownership, complete first-person research to evaluate the opportunity, and explore the traits and characteristics of successful entrepreneurs and develop necessary skills in research, planning, operations, and regulations affecting business. Through coursework, guest lecturers, and case studies, students and their teams will create a business plan and make a formal presentation to a panel of outside experts who will take on the role of potential backers, and who will evaluate and score the work. Students will be required to attend up to three events/presentations outside regular class meeting times.

BUS 300 Topics in Business		3 credit hours
On demand		

A topic of current interest in business will be taught. Topics will vary depending on faculty and student interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

BUS 310 Going Viral and Growth Hacking*		3 credit hours
Fall and spring		Prerequisite: BUS 361

“Going viral” is crucial for businesses. Companies that create content that spreads quickly online can significantly grow their brand. “Growth hacking” maximizes every opportunity and extracts value from every move. This course teaches what drives people to share content and how to create shareable, meme-worthy material that boosts growth. You'll also discuss the ethics of going viral and handling negative publicity.

BUS 312 Social Media Marketing, Brand Awareness, & Engagement*		3 credit hours
Fall and spring		Prerequisite: BUS 365

The average consumer spends 2.5 hours per day on social media sites. This course explores how to effectively use social media to move those consumers to action. In order to be a successful marketer, you must be able to plan a campaign that aligns with strategic goals, execute using the appropriate channels and tactics, and measure the success or failure of your efforts. By the end of this course, you will learn how to do just that.

BUS 314 Lifecycle and Email Marketing*		3 credit hours
Fall and spring		Prerequisites: LA 101, PDP 200, & BUS 365

Lifecycle marketing is essential for businesses to maintain continuous engagement with customers by tailoring content to their specific stages. Emails are crucial for creating direct, personalized communication that varies by lifecycle stage. In this course, you'll learn to craft successful email campaigns within lifecycle marketing plans. By the end, you'll build a marketing campaign that drives customers to take desired actions based on their lifecycle stage.

BUS 316 Digital Marketing Analytics and Experimentation*		3 credit hours
Fall and spring		Prerequisite: BUS 365

Marketing professionals today have access to incredible amounts of data. The ability to use this data is what differentiates successful marketing efforts from failed ones. In this course, you'll learn to design experiments that rigorously test various marketing decisions, analyze digital customer behavior data using a variety of tools, and leverage data to refine marketing strategies and improve customer acquisition.

BUS 331 Business Law I		3 credit hours
Fall and spring		

The purpose of this course is to enable the student to comprehend the legal significance of decisions made within the corporate organization. It acquaints the student with the American legal system and the concepts and processes through which law develops and disputes are resolved. The focus of this course will be on contract law, sale of goods (UCC Article 2), and property law. Same as POL 331.

BUS 340 Business Organization and Public Policy		3 credit hours
Fall, odd academic years		Prereq: ECO 121 and MAT 131; MAT 135, MAT 181, MAT 224, or LA 103 replaces MAT 131 only for non-EBA majors

Studies industrial organization and public policy toward business. The course examines the economic rationale and impact of antitrust legislation and government regulation of business activity. Same as ECO 340.

BUS 350 International Business and Finance		3 credit hours
Fall, even academic years		Prereq: ECO 221 and 223, or consent of instructor

Surveys the theories of international trade, investment, and finance. The balance-of-payments statement, tariffs and other forms of protectionism, multinational enterprises, foreign-exchange markets, and the international financial system are all topics of discussion. Same as ECO 350.

BUS 351 Business Finance		4 credit hours
Fall and spring		Prereq: ECO 123, ACC 221, ACC 222, MAT 131, and MAT/SOC 224, or consent of instructor

The course is designed to acquaint students with the basic strategies available to large corporations and small businesses for obtaining and deploying funds. Key areas include: time value of money, interest rate determination, types of debt and equity securities, venture capital financing, leverage, capital budgeting techniques, efficient markets, short-term financial management, and business firm valuation.

BUS 352 Investments		3 credit hours
Spring		Prereq: BUS 351 or consent of instructor

This course analyzes personal investment opportunities from the viewpoint of the individual investor, stockbroker, and investment analyst. Emphasis is placed on selection of investment portfolios consistent with investor goals and market conditions. Special focus is placed on risk minimization and interpreting commonly available market data. The role of the stockbroker as a marketer is stressed, and material necessary to pass stockbroker exams will be reviewed.

BUS 353 Principles of Risk and Insurance		3 credit hours
Fall, even academic years		Prereq: MAT 131 and MAT 224, or consent of instructor; MAT 135 or MAT 181 replaces MAT 131 for non-EBA majors

The course introduces students to risk and insurance from the viewpoint of the purchaser, seller and designer. Various types of insurance are discussed, and the student is prepared for insurance sales license exams.

BUS 358 Personal Finance and Public Policy		4 credit hours
Fall and Spring	Civic Learning exploratory	Prereq: MAT 131, MAT 135, MAT 224, LA 103, or consent of instructor

This course will introduce students to the basics of personal finance, including spending, saving, borrowing, investing, planning, and more. Of course, the personal is political. The government collects sales tax, polices credit, insures banks, guarantees student loans and mortgages, and regulates securities, while taxing income and savings in diverse ways. This micro-macro analysis will teach students to understand how they and the government influence each other monetarily. The goal of this course is to provide students with a financial education that they can use to make better financial decisions and become prosperous citizens. Same as PDP/SOC 358.

BUS 360 Labor Economics and Management		3 credit hours
Spring		Prereq: ECO 221

Examines the operation of labor markets and the economic framework of employer-employee relations. Particular labor issues, labor legislation, and our government regulations pertaining to labor are discussed. Same as ECO 360.

BUS 361 Contemporary Marketing		3 credit hours
Fall and Spring		Prereq: ECO 121 or ECO 123, BUS 101, BUS 102, and ACC 221 or consent of instructor

The purpose of the course is to introduce the student to the practice of strategic marketing, the art and science of interfacing producers and consumers in a dynamic environment. Key areas of focus include pricing, promotion, distribution, market segmentation, market research, and channel selection. The course also evaluates current events in business, marketing, and branding, and allows students to complete a deep-dive on a marketing topic of their choice through a scholarly research project.

BUS 365 Digital Marketing		3 credit hours
Spring		Prereq: BUS 361

This course will introduce students to the fundamentals of digital marketing and explore the practical applications of digital marketing through class projects and case studies specifically through the use of CRM software and applications. Key areas of focus include paid digital advertising including search, programmatic, social media, and display, SEO, email marketing, data analytics, user experience, and various digital marketing tools/technologies.

BUS 371 Operations Management		3 credit hours
Fall and Spring		Prereq: BUS 101, BUS 102, and ACC 221

This course will review and build upon basic management and leadership techniques introduced in BUS 101 and BUS 102. The primary emphasis will be to examine operations management as a tool for the firm to achieve maximum value for the customer through areas such as logistics, supply chain, production, retail operations, and service industries. The course will address the historical background of operations management, and will have a significant emphasis on the quantitative and qualitative analysis of critical decision-making tools used in operations management. Topics will include production planning, quality control, inventory control, facility layout, supply chain management, and labor management.

BUS 380 Econometrics		4 credit hours
Spring		Prereq: ECO 121, ECO 123, and MAT/SOC 224, or consent of instructor

This course is designed for students who obtained basic statistical concept and elementary econometrics through MAT 224. The course provides students with an advanced level of research methodology to analyze business and economic problems. The course focuses on departing Gauss-Markov assumptions and learning non-linear regression model, time series (including serial correlation), panel data, simultaneous equations model, and generalized least squares (GLS) methodology, so that students can conduct research analysis correctly. During the course students will use actual data of business and/or economics to conduct a research analysis, for which students use the statistical software, R. Same as ECO 380.

BUS 475 Strategic Implementation Project		3 credit hours
Spring		Prereq: BUS majors with senior standing having completed all core requirements with a grade of "C-" or better. Non-EBA majors must have senior standing and consent of instructor. Non-EBA majors who wish to have BUS 475 substitute for their major or departmental capstone course must have senior standing, consent of instructor, and consent of department chair in their major field. Co-req: BUS 482

This course is the senior capstone for accounting majors. Students will work in teams to solve complex business problems in a simulated boardroom setting as they address and solve a real-life business challenge that has been presented to them by Franklin College Alumni or others who have current and relevant projects to complete. Students are expected to synthesize material in all business, economics, and accounting courses in preparing solutions to these problems, and to present their solutions with a formal oral and written report directly to the business owners/managers who tasked them with the project. Teams will be expected to defend their solutions/suggestions, and prepare any follow-up work requested by the business owners/managers.

BUS 482 Professional Practicum		1 credit hour
Spring		Co-req: BUS 475

Students will reflect on their internship experiences, curricular and co-curricular learning experiences, and their liberal arts education through creation of a digital portfolio. Student will further develop communication skills by setting goals for the future and self-assessing their strengths and areas to improve. This course meets the senior year portfolio requirement for graduation. Same as ACC/ECO 482.

BUS 490 Independent Study		1-2 credit hours
		Prereq: Departmental consent is required

Course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

BUS 499 Senior Competency Practicum		No credit
Spring		

Satisfactory performance on the ETS major field test in business. Passing grade: D- or better.

ENT 225 Design Thinking and Agile Processes		3 credit hours
Spring, odd academic years		

Introduces students to the core principles and practices of design thinking, an innovative and human-centered approach to problem-solving and product development, and agile methods for project management. This course provides a foundational understanding of how to leverage creativity and empathy to address complex challenges and generate effective solutions as well as an adaptive, iterative approach to implementing those solutions. Through hands-on activities, collaborative projects, and case studies, students will learn to apply methodologies in a range of contexts, enhancing their ability to create value and drive innovation.

ENT 480 European Innovation Academy		4 credit hours
Summer, odd academic years		

Students participate in a three-week, hands-on intensive in innovation and entrepreneurship based in Porto, Portugal, where students develop, test, and launch an all-new business in just 15 working days. Final business plan is pitched to a panel of experts on the last day of the program, and the best of the best present to all 500+ students, faculty, and program mentors at the conclusion of the experience. Course satisfies both International and Human Behavior exploratory requirements and can fulfill the off-campus immersive requirement. **Required course fee: Established with Office of Global Education; ant. $5,500**

ENT 499 Senior Portfolio		1 credit hour
Spring		

Students pursuing the entrepreneurship minor must demonstrate their technical, storytelling, and leadership expertise at a senior-level competency through a presentation. Via a pitch presentation, poster session, or symposium, whichever is most appropriate, students will share about their capstone experience and respond to a series of questions from select faculty and community members.

INT 412 Advanced Entrepreneurial Internship		4-12 credit hours
Fall and Spring		

Completed in addition to INT 212, where a student will carry on with their new venture first built in INT 212. Student will establish at least two ambitious goals for their venture and work with an independent advisor/mentor who will also supervise their internship and evaluate whether progress was made. An internship experience graded as "S" will include a positive endorsement from the advisor AND either a presentation of the students' work in a symposia format (Scholars' Day, etc.) OR participation in an external business competition (Elevate Nexus, AgriNovus Producer Challenge, Dimension Mill, PNW Big Sell, eIX PitchFest, etc.).

*This course is offered online through a consortium of accredited colleges and universities. Instruction is provided by faculty employed by partner institutions within the consortium, with technology and administrative support provided by Rize Education.
Oversight of courses offered through the consortium are reviewed and approved by Franklin College. Students register through Franklin College and receive academic credit from Franklin College.

Chemistry and Physics

Department: Chemistry and Physics
Department Chair: A. Thapaliya
Department Members: H. Florian, K. Shumba, A. Thapaliya, S. Wilder

Major: Chemistry (Tracks: Standard, Environmental Science, Biochemistry, and Industry/Graduate School)
Minors: Chemistry, Biochemistry, and Biomedical Physics
Related Major: Neuroscience
Pre-Professional Programs: Pre-Dental, Pre-Forensic Science, Pre-Medical, Pre-Medical Laboratory Science (See Medical Laboratory Science section of the catalog), Pre-Optometry, Pre-Pharmacy, Pre-Physician Assistant, Pre-Veterinary
Cooperative Programs: Health-related Professions: Medical Laboratory Science, Pharmacy, Public Health

The undergraduate program in chemistry introduces students to the collection of chemical principles, theories, and facts that have evolved in the more than 200 years that chemistry has existed as a science. The program gives students an opportunity to collect, analyze, and critically evaluate data in the laboratory, and to appreciate the relationship of factual data to scientific purposes, laws, and theories. The body of knowledge acquired and the experience gained in the use of modern instrumentation to collect and to analyze data, prepares students for further study in chemistry at the graduate level, for the pursuit of a career in industrial chemistry or in a health science, and also serve as a chemistry knowledge base necessary for the study of other sciences, including medicine, pharmacy, optometry, biology, toxicology, and environmental science. Finally it is the aim of the department to help the student better understand the natural and the synthetic products and the processes that are encountered in everyday life, thus to satisfy the student‘s curiosity about the physical world.

The physics program at Franklin College is designed to provide students with a working knowledge of physics to support and enhance their study in their major discipline. The program provides experiences that enable students to understand the nature of physics and to use physics as a problem-solving tool. The program concentrates on the development of critical thinking.

The students who minor in biomedical physics and chemistry will be well supported for their major course of study and better prepared for success in graduate or professional schools, or immediate employment. Student abilities that are fostered by this curriculum include: understanding the nature of scientific reasoning in considerable depth, understanding the concepts and methods of physics and chemistry, and being able to synthesize information from basic topics and applying it to solve real world problems.

Chemistry Major

Completion of the Chemistry major will require students to complete **one** of the four following tracks (standard, environmental, graduate school/industry, and biochemistry) or a Cooperative 3+ Health Professions Program in Chemistry. All **tracks** will share a common core and each track will have additional biology, chemistry, and related field requirements. Cooperative 3+ Programs in Chemistry have a common core (different from the core for the other chemistry tracks) and additional specific requirements for each cooperative program.

Core Requirements (required for all chemistry tracks)

CHE 121 General Chemistry I
CHE 122 General Chemistry II
CHE 123 General Chemistry I Lab
CHE 124 General Chemistry II Lab
CHE 221 Organic Chemistry I
CHE 222 Organic Chemistry II
CHE 223 Organic Chemistry Lab I
CHE 224 Organic Chemistry Lab II
CHE 227 Analytical Chemistry
CHE 341 Physical Chemistry I
CHE 343 Physical Chemistry Lab I
CHE 472 Chemistry Seminar
CHE 499 Senior Competency Practicum

Related Field Requirements for Chemistry Major (required for all chemistry tracks)

A grade of D- or better satisfies the requirement for successful completion of the related field courses in biology and math. A grade of C- or better satisfies the requirement for successful completion of the related field courses in physics.

BIO 134 Principles of Biology
BIO 140 Cell Biology
MAT 135 Calculus
MAT 140 Intro to Mathematical Sciences
PHY 201 or 211 & 203 General Physics I and Lab *(not required for Nursing)*
PHY 202 or 212 & 204 General Physics II and Lab *(not required for Nursing)*

Chemistry Professional Development Program/Senior Year Experience

All Chemistry majors must complete the requirements of either Plan A or Plan B.

Plan A **BIO/CHE 390** Professional Development Planning
SNR 489 Professional Development Research Experience
To receive permission to do Plan A, students must complete an SNR 489 proposal sponsored by a faculty member who will oversee their project. This proposal must be approved by the Chemistry and Physics Department prior to the start of the project. SNR 489 must be completed during the summer prior to or during the senior year. BIO/CHE 390 is a prerequisite for SNR 489.

Plan B **BIO/CHE 390** Professional Development Planning
INT XXX Internship
(INT XXX must be completed during the summer prior to or during the senior year. CHE 390 is a prerequisite for INT XXX.)

Standard Chemistry Track

In addition to the core and PDP/SYE requirements, students must take the following:

A minimum of six credit hours from the following options

Note: CHE 375 or CHE 490 may count toward the 6 hours, but not both.

- **BIO/CHE 334** Biochemistry
- **BIO/CHE 392** Techniques in Biotechnology and Biochemistry
- **CHE 300** Topics Course
- **CHE 322** Spectroscopic Methods of Analysis
- **CHE 342** Quantum Chemistry and Spectroscopy
- **CHE 344** Quantum Chemistry and Spectroscopy Lab
- **CHE 375** Undergraduate Research
- **CHE 434** Advanced Inorganic Chemistry
- **CHE 448** Instrumental Analysis
- **CHE 490** Independent Study

Environmental Science Track

In addition to the core and PDP/SYE requirements, students must take the following:

- **BIO 240** Ecology
- **BIO 320** Conservation Biology
- **ECO 121** Principles of Microeconomics OR **ECO 123** Principles of Macroeconomics
- **ENG 228** Advanced Composition
- **ESC 118** Earth Science
- **POL 110** American National Government
- **POL 336** Introduction to Public Policy

Two of the following courses

Note: CHE 375 or CHE 490 may count toward the two chemistry courses, but not both.

- **BIO/CHE 334** Biochemistry
- **CHE 342** Quantum Chemistry and Spectroscopy
- **CHE 375** Undergraduate Research
- **CHE 448** Instrumental Analysis
- **CHE 490** Independent Study – Research

Recommended Courses

- **BIO 221** Botany
- **BIO 322** Ornithology
- **BIO 335** Plant Communities
- **BIO 373** Microbiology
- **BIO 380** Field Biology
- **CMP 130** Introduction to Computing
- **REL 210** Religion and the Environment
- **SOC 118** Introduction to Sociology
- **SOC/NPL 222** Social Problems & Nonprofit Responses

Industry and Graduate School Track

In addition to the core and PDP/SYE requirements, students must take the following:

BIO/CHE 334 Biochemistry
CHE 342 Quantum Chemistry and Spectroscopy
MAT 142 Calculus II

One of the following courses

CHE 300 Topics Course
CHE 322 Spectroscopic Methods of Analysis
CHE 344 Quantum Chemistry and Spectroscopy Lab
CHE 375 Undergraduate Research
BIO/CHE 392 Techniques in Biotechnology and Biochemistry
CHE 434 Advanced Inorganic Chemistry
CHE 448 Instrumental Analysis
CHE 490 Independent Study

Biochemistry Track

In addition to the core and PDP/SYE requirements, students must take the following:

BIO/CHE 334 Biochemistry
BIO 350 Genetics
BIO/CHE 392 Techniques in Biotechnology and Biochemistry
MAT 142 Calculus II OR **MAT 224** Basic Applied Statistics

One of the following courses

CHE 342 Quantum Chemistry and Spectroscopy
CHE/BIO 375 Undergraduate Research
CHE 448 Instrumental Analysis

One of the following courses

BIO 215 Human Anatomy and Physiology II
BIO 360 Animal Physiology
BIO 374 Advanced Cell and Molecular Biology
CHE/BIO 375 Undergraduate Research

Note: Students may take CHE 375 or BIO 375, but not both to fulfill the above requirements.

Chemistry and Physics Minors

All courses for the following minors must be completed with a grade of *C*- or better.

Chemistry Minor

CHE 121 General Chemistry I
CHE 122 General Chemistry II
CHE 123 General Chemistry I Lab
CHE 124 General Chemistry II Lab
CHE 221 Organic Chemistry I
CHE 222 Organic Chemistry II
CHE 223 Organic Chemistry Lab I
CHE 224 Organic Chemistry Lab II
CHE 227 Analytical Chemistry

One of the following options

Option 1: **MAT 135** Calculus
Option 2: **MAT 224** Basic Applied Statistics and **LA 103** Quantitative Reasoning
Option 3: **MAT 224** Basic Applied Statistics and **MAT 131** Introduction to Quantitative Analysis
Option 4: **MAT 224** Basic Applied Statistics (only available if placed into MAT 135)

Note: It is expected that CHE 121 and 123 would be used to satisfy the laboratory science exploratory requirement, and that MAT 135 would replace LA 103 in the prescribed liberal arts curriculum.

Biochemistry Minor

(Available to non-biology and non-chemistry majors only)

BIO 134 Principles of Biology
BIO 140 Cell Biology
BIO/CHE 334 Biochemistry
BIO/CHE 392 Techniques in Biotechnology and Biochemistry
CHE 222 Organic Chemistry II
CHE 224 Organic Chemistry Laboratory II

One of the following courses

BIO 215 Human Anatomy and Physiology II
BIO 360 Animal Physiology
BIO 373 Microbiology

Recommended courses

BIO/CHE 375 Undergraduate Research

Biomedical Physics Minor

PHY 201 or 211 & PHY 203 General Physics I – Algebra or Calculus and Lab
PHY 202 or 212 & PHY 204 General Physics II – Algebra or Calculus and Lab
BIO 210 Human Anatomy and Physiology I
Or
ANAT 210 & ANAT 210L Applied Human Anatomy and Lab
BIO 215 Human Anatomy and Physiology II
Or
ANAT 220 & ANAT 220L Applied Human Physiology and Lab

Two of the following courses:

PHY 355 Ultrasonography
PHY 357 Radiation and Health
PHY 365 Biomedical Optics

Neuroscience Major

Please see separate Neuroscience section in this course catalog.

Pre- Health Professions Programs

Franklin College offers pre-health professions advising to students who are interested in applying to medical school or other health-related professional schools. For more information or questions, please contact the respective faculty member for each profession. Additional information regarding pre-professional program requirements are located on the Franklin College website at https://franklincollege.edu/major/pre-professional/ .

Pre-Forensic Science—Dr. Florian
Pre-Med (allopathic and osteopathic) and Pre-Podiatry – Dr. Winter
Pre-Pharmacy – Dr. Thapaliya
Pre-Veterinary Medicine and Pre-Dentistry – Dr. O'Neal
Pre-Optometry and Pre-Medical Laboratory Science – Dr. Thapaliya
Pre-Physician Assistant – Dr. Marasco

Cooperative Programs in Health-Related Professions – Chemistry/Physics

All cooperative programs for the chemistry major consist of a common core and specific courses required for each particular program. After completion of three years of college work in one of these programs and fulfilling Franklin College graduation requirements (except total graduation hours), students may receive a bachelor of arts degree from Franklin College upon completing one year at the cooperating institution, for a total of 120 semester hours. Successful completion of the first year in the cooperative program satisfies the senior year experience or internship requirement for the chemistry major ***unless otherwise noted***. Any student following these programs who is not accepted by the cooperating institution after the third year could return to Franklin College and receive a bachelor of arts in chemistry by completing: 1) all of the remaining requirements for the chemistry major standard program, and 2) 120 total semester hours required for graduation. *(Students with a declared enrollment in the aforementioned cooperative programs will be given priority during registration in subsequent semester(s)).*

Cooperative Programs in Health-related Professions

Core Requirements

CHE 121 General Chemistry I
CHE 122 General Chemistry II
CHE 123 General Chemistry I Lab
CHE 124 General Chemistry II Lab
CHE 221 Organic Chemistry I
CHE 222 Organic Chemistry II
CHE 223 Organic Chemistry Lab I
CHE 224 Organic Chemistry Lab II
CHE 227 Analytical Chemistry
CHE 341 Physical Chemistry
CHE 343 Physical Chemistry Lab
CHE 390 Professional Development
CHE 472 Chemistry Seminar
CHE 499 Senior Competency Practicum
MAT 135 Calculus
PHY 201 or 211 & 203 General Physics I and Lab
PHY 202 or 212 & 204 General Physics II and Lab

Chemistry Professional Development Program/Senior Year Experience

Successful completion of the first year in the cooperative program satisfies the senior year experience or internship requirement for the major ***unless otherwise noted***.

Plus additional specific program requirements – choose one of the three following programs

A. Medical Laboratory Science at *IU Health Methodist Hospital Clinical Laboratory Science Program*

BIO 140 Cell Biology
BIO 373 Microbiology
BIO/CHE 334 Biochemistry
Plus 8 Additional Hours of BIO credit
(preferably BIO 210 and BIO 215 – Human Anatomy and Physiology I and II)
Plus: Completion of the clinical program at IU Health Methodist Hospital

B. Pharmacy at *Purdue University or University of Cincinnati*

BIO 210 Human Anatomy and Physiology I
BIO 215 Human Anatomy and Physiology II
BIO/CHE 334 Biochemistry
BIO 373 Microbiology
ECO 121 Principles of Microeconomics OR **ECO 123** Principles of Macroeconomics
LA 201 Analyzing Literature
MAT 140 Introduction to Math Sciences
MAT 142 Calculus II
Principles of Immunology - is required by the Purdue University School of Pharmacy. It is offered at FC in spring, even academic years. It also can be taken online during a summer term after completing sophomore year.
Diversity or social ethics is required for the University of Cincinnati.

Recommended
BIO/CHE 392 Techniques in Biotechnology and Biochemistry

Plus completion of 30-35 credits by the end of the first year of pharmacy program

C. Master of Public Health at *IU-I Richard M. Fairbanks School of Public Health*
BIO 134 Principles of Biology
BIO 140 Cell Biology
BIO 210 Human Anatomy and Physiology I
MAT 224 Basic Applied Statistics

Plus completion of one of the following MPH classes in the first year at IU-I
A519 Environmental Health
A609 Air Pollution & Health
A614 Water Quality Management
A661 Environmental Toxicology

D. Bachelor of Science in Nursing at *University of Indianapolis*
BIO 134/134L Principles of Biology+Lab
BIO 215 Human Anatomy and Physiology II
BIO 373 Microbiology
PHL XXX Philosophy course **or** **BIO 225** Bioethics
PSY 117 General Psychology
SOC 118 Introduction to Sociology

Chemistry Course Descriptions

CHE 001 Laboratory Assistant		1 credit hour

The purpose of this course is to give practical experience working in a chemistry laboratory. Student will gain this experience by preparing labs and setting up instruments for the chemistry labs. Counts as an activity credit.

CHE 112 Introductory Chemistry		4 credit hours
Fall or Spring	Scientific Thinking exploratory	

For non-science majors only. Introduction to the theories, concepts, and techniques of chemistry which have led to a modern understanding of the behavior of matter. Complementary, weekly laboratory exercises are designed to demonstrate practical applications of modern chemistry in everyday life. Although mathematics is not stressed, proficiency in high school algebra is expected. *Consent of instructor is required for a student who has already earned credit for CHE 121.*

CHE 121 General Chemistry I		5 credit hours
Fall	Scientific Thinking exploratory	Prereq: Two years of high school mathematics, one year of high school chemistry, or consent of instructor; Coreq: CHE 123

An introductory course in college chemistry. Stoichiometry, thermochemistry, atomic theory, chemical bonding, states of matter and phase changes, properties of selected elements and compounds, and solutions. Four hours lecture.

CHE 122 General Chemistry II		5 credit hours
Spring		Prereq: CHE 121 and CHE 123; Coreq: CHE 124

A continuation of CHE 121. Chemical equilibrium, kinetics, acids and bases, ionic equilibrium, electrochemistry, thermodynamics. Four hours lecture.

CHE 123 General Chemistry I Lab		No credit
Fall		Prereq: Two years of high school mathematics, one year of high school chemistry, or consent of instructor; Coreq: CHE 121

A lab course intended to supplement CHE 121 and provide an introduction to fundamental laboratory techniques, such as weighing, filtering, and titrating, as well as the accurate recording and analysis of scientific data. Three hours laboratory.

CHE 124 General Chemistry II Lab		No credit
Spring		Prereq: CHE 121 and CHE 123; Coreq: CHE 122

A lab course intended to supplement CHE 122. (A continuation of CHE 123.) Students will apply skills learned in CHE 123 to more complex experiments, as well as be introduced to more advanced techniques. Three hours laboratory.

CHE 221 Organic Chemistry I		3 credit hours
Fall		Prereq: CHE 122; Coreq: CHE 223

An introduction to the study of carbon and its compounds through an examination of the hydrocarbon, halide, alcohol, and carbonyl functional groups. Emphasis is placed on establishing relationships among structure, physical properties, and chemical activity. The mechanisms of substitution and elimination reactions are studied in detail. Three hours lecture.

CHE 222 Organic Chemistry II		3 credit hours
Spring		Prereq: CHE 221; Coreq: CHE 224

A continuation of CHE 221. Additional functional groups and mechanisms are studied as well as the influence of functional groups on one another in multifunctional compounds. NMR and infrared spectroscopic techniques are used as tools to probe both structure and reactivity. Mass spectroscopy is applied to problems dealing with the structure. Three hours lecture.

CHE 223 Organic Chemistry Laboratory I		1 credit hour
Fall		Coreq: CHE 221

Macroscale and microscale laboratory techniques, preparation and characteristic reactions of organic compounds. Three hours laboratory.

CHE 224 Organic Chemistry Laboratory II		2 credit hours
Spring		Prereq: CHE 223; Coreq: CHE 222

Preparation and characteristic reactions of additional functional groups and qualitative analysis. Experience is also gained in spectroscopic techniques, molecular modeling, the retrieval of data from the chemical literature and formal report preparations. Four hours laboratory.

CHE 227 Analytical Chemistry		4 credit hours
Fall		Prereq: CHE 122 or consent of instructor

An introduction to the principles and methods of chemical analysis, including method development, elementary statistics, separation methods, gravimetric and volumetric analysis, and instrumental methods. The laboratory emphasizes the analysis of samples using analytical techniques. Three hours lecture, three hours laboratory.

CHE 300 Topics in Chemistry		3 credit hours

A topic of current interest in chemistry will be taught. Topics will vary depending on faculty interest. Course will be offered upon request of a faculty member and with approval of the Vice President of Academic Affairs.

CHE 314 Techniques in Forensic Science		3 credit hours
Spring, odd academic years		Prereq: CHE 122 and BIO 140, or instructor permission

The laboratory techniques used in Forensic Science are frequently portrayed in film and television. However, rarely are these practices accurately portrayed. This course will focus on the chemistry and biology laboratory techniques, instrumentation, practices, and applications commonly used in the field of forensic science. The course will consist of a 2 credit hour lecture period and a 1 credit hour lab period to touch on both the theory and practical application of the topics discussed. Same as BIO 314.

CHE 322 Spectroscopic Methods of Analysis		2 credit hours
Spring, odd academic years		Prereq: CHE 222 and CHE 224

An advanced course in spectral interpretation of organic molecules. Techniques investigated include nuclear magnetic resonance spectra, mass spectra, infrared absorption, and ultraviolet absorption spectra.

CHE 334 Biochemistry		3 credit hours
Spring		Prereq: BIO 140, CHE 221 and CHE 223

An introduction to the chemistry of biomolecules, metabolism, and biosynthesis. Three hours lecture. Note: This course may count toward either a Chemistry major or a Biology major, but not both. Same as BIO 334.

CHE 341 Physical Chemistry I		3 credit hours
Fall		Prereq: CHE 122, MAT 135, PHY 201 or PHY 211, and PHY 203 Coreq: CHE 343

Chemical thermodynamics. A study of the laws of thermodynamics with particular emphasis on applications to thermochemistry, solutions, chemical equilibrium, phase equilibria, chemical kinetics, and electrochemistry. Three hours lecture. Same as PHY 341. *Corequisite: CHE 343. Highly recommended MAT 142.*

CHE 342 Quantum Chemistry and Spectroscopy		3 credit hours
Spring, odd academic years		Prereq: CHE 122, MAT 135, PHY 201 or PHY 211, and PHY 203

Elementary quantum mechanics, group theory, and atomic and molecular structure and spectroscopy. Three hours lecture. Same as PHY 342.

CHE 343 Physical Chemistry Lab I		2 credit hours
Fall		Coreq: CHE 341

An introduction to the types of laboratory instrumentation and methods used every day by professional physical and inorganic chemists in research and industry. Substantial emphasis is placed on individual and team responsibility, careful and thoughtful planning, experimentation, data interpretation, and effective communication of results. Experiments will be closely associated with thermodynamics, chemical equilibrium, and include some spectroscopy of primarily inorganic compounds. Four hours laboratory (including pre-lab lecture). Same as PHY 343.

CHE 344 Quantum Chemistry and Spectroscopy Lab		1 credit hour
Spring		Prereq: CHE 342 (or concurrently)

An introduction to the types of laboratory instrumentation and methods used every day by professional physical and inorganic chemists in research and industry. Substantial emphasis is placed on individual and team responsibility, careful and thoughtful planning, experimentation, data interpretation, and effective communication of results. Experiments will be closely associated with kinetics, electrochemistry, computational chemistry, and a continuation of spectroscopy. Three hours laboratory. Same as PHY 344.

CHE 357 Radiation and Health		3 credit hours
Fall, even academic years		Prereq: CHE 121 & CHE 122 or consent of instructor

This course will provide students with an introduction to the principles of radioactivity and its applications in medical diagnosis. A study of basic physics and chemistry as it applies to radiation and the human body (radio-biology) is followed by an overview of major topics in the field of medical physics: x-rays and their uses in medical imaging, physics of nuclear medicine imaging, ultrasound imaging, magnetic resonance imaging, and radiation therapy for cancer. The course will also include a summary of basic principles for measuring radiation exposure, and different methods of monitoring and protecting against chronic exposure to radiation. Same as PHY 357.

CHE 375 Undergraduate Research in Biology, Chemistry or Physics		1-3 credit hours
		Prereq: instructor permission

To receive academic credit for an undergraduate research experience students must complete a project proposal endorsed by a sponsoring science faculty member. The application will contain an overview of the project, specific project goals, deadlines for the completion of the project, and specific project outcomes that will be evaluated and used to determine the final grade. All projects must meet the following criteria: a) spending an average of 3 hours per week per credit hour (i.e. 6 hours/week during the semester for 2 credits) working on the project; b) writing a scientific paper summarizing the results of the study; c) preparing an electronic poster of the project results; d) maintaining a lab notebook, and e) presenting the results of the project to an audience (at least once per year). The project must be approved by the Chair (or designee) of the sponsoring department.

CHE 390 Professional Development Planning		1 credit hour
Fall and spring		

The primary objective of this course is to prepare students for the Professional Development Experience and chosen careers. Students will participate in professional development workshops and write a proposal for their senior year experience.

CHE 392 Techniques in Biotechnology and Biochemistry		3 credit hours
Spring, odd academic years		Prereq: BIO 140, CHE 121, & CHE 122

An advanced investigation of genetic engineering and recombinant DNA technology, this course will investigate the theory and principles behind the new biological revolution in molecular biotechnology. Medical and industrial applications as well as ethical concerns will be discussed. Lab work will involve learning recombinant DNA techniques that are the cornerstone of molecular biology. Two hours lecture, three hours laboratory. Note: This course may count toward either a Chemistry major or a Biology major, but not both. Note: this course may count toward either a Chemistry major or a Biology major but not both. Same as BIO 392.

CHE 434 Advanced Inorganic Chemistry		3 credit hours
Fall, even academic years		Prereq: CHE 222 or consent of instructor

Theoretical principles of inorganic chemistry. Topics include atomic and molecular structure, group theory, chemical bonding, coordination compounds, and the periodic classification of the elements. Three hours lecture.

CHE 448 Instrumental Analysis		3 credit hours
Spring, even academic years		Prereq: CHE 227, or consent of instructor

Introduction to the theory and practice of modern analytical instrumentation. Chromatography, quantitative spectrometry, electroanalytical, and other instrumental techniques are discussed. Representative samples are analyzed using instrumental methods. Two hours lecture, four hours laboratory.

CHE 472 Chemistry Seminar		2 credit hours
Fall		Prereq: Junior standing or consent of instructor

Presentation of current and historical topics in chemistry. This course emphasizes practice and presentation of oral and written reports.

CHE 482 Chemistry Practicum		1-2 credit hours
		Prereq: instructor permission

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

CHE 490 Independent Study		1-2 credit hours
		Prereq: consent of department

Independent investigation of some problem in one of the fields of chemistry by students who have completed the minimum requirements for a major in chemistry.

CHE 499 Senior Competency Practicum		No credit

An examination taken by senior majors to assess their knowledge of the field of chemistry and their ability to apply this knowledge to solve practical problems. Normally given during the fall term of the student's senior year. Consists of an oral examination and/or a written Major Field Test from the Educational Testing Service. Passing grade *D*- or higher.

PDP 301 Health Professions Career Preparation		1 credit hour
Fall		

This course will help students to prepare for careers in the health professions and for the application process involved in graduate health program admissions. Topics covered will include, but are not limited to: 1) understanding and navigating the application/admissions process 2) developing competencies as a pre-health student 3) assessing professional programs and finding your fit 4) preparing for entrance exams 5) writing personal statements 6) preparing for interviews 7) balancing work-school-life & preventing burnout 8) funding your education. The course may also include guest speakers and/or field trips and will provide a space for discussing special topics of student interest. Pass/Fail.

SNR/SNT 489 Professional Development Experience –BIO, CHE & PHY		3-15 credit hours
Fall, spring, or summer		Prereq: Senior standing or consent of the department

This course provides a practical Professional Development Experience related to the field of biology or chemistry. Prerequisite: BIO 390 or CHE 390, and approved Professional Development Experience Proposal (signed by the department chair) and Internship Report I. (All prerequisite materials must be submitted to the supervising faculty member prior to the first day of the semester.)

Physics Course Descriptions

PHY 201 General Physics I - Algebra		5 credit hours
Fall	Scientific Thinking exploratory	Prereq: MAT 131 or MAT 135 or permission of the instructor (successful completion of a math pretest); Co-req: PHY 203

An introductory course of a two-semester sequence of algebra-based physics that covers the following topics: linear motion, vector methods, Newton's laws of motion, forces, gravitation, circular motion, work and energy, momentum, rotational motion, equilibrium, fluids, vibrations, waves, periodic motion and sound, fluids and solids. The course is appropriate for biology and chemistry majors and pre-professional students (pre-med, pre-dental, pre-optometry, exercise science, etc.). Four hours lecture, two hours laboratory.

PHY 202 General Physics II – Algebra		5 credit hours
Spring		Prereq: PHY 201 and PHY 203; Co-req: PHY 204

A second course of a two-semester sequence of algebra-based physics that covers the following topics: electrostatics, electricity and magnetism, DC and AC circuits, light and geometric optics, atomic and nuclear structure, heat and thermodynamics. Four hours lecture, two hours laboratory. The course is appropriate for biology majors and pre-professional students (pre-med, pre-dental, pre-optometry, etc.).

PHY 203 General Physics I Lab		No credit
Fall		Co-req: PHY 201 or PHY 211

Lab component of General Physics I. A laboratory-based course that introduces measurement, data acquisition and analytical techniques in physics.

PHY 204 General Physics II Lab		No credit
Spring		Co-req: PHY 202 or PHY 212

Lab component of General Physics II. A laboratory-based courses that consolidates the theoretical principles in the course using experimental physics techniques.

PHY 211 General Physics I – Calculus		5 credit hours
Fall, even academic years	Scientific Thinking exploratory	*Prereq: MAT 135*; *Co-req: PHY 203*

An introductory course of a two-semester sequence of calculus-based physics that introduces the theories, concepts, and techniques of mechanics (kinematics, work and energy, dynamics, rotation, gravitation, and waves) and the application of mechanics to heat flow, called thermodynamics. The course is appropriate for chemistry, physics, mathematics and engineering majors. Four hours lecture, two hours laboratory.

PHY 212 General Physics II – Calculus		5 credit hours
Spring, even academic years		Prereq: PHY 211 and PHY 203; Co-req: PHY 204

A second course of a two-semester sequence of calculus-based physics. Topics of study include: electricity and magnetism, DC and AC circuits, and geometrical and physical optics, light, and atomic physics. Four hours lecture, two hours laboratory. The course is appropriate for chemistry, physics, mathematics and engineering majors. Four hours lecture, two hours laboratory.

PHY 240 Modern Physics		3 credit hours
On demand		Prereq: PHY 202

An examination of the breakdown of classical physics and the rise of quantum theory. Topics include: special and general relativity, the kinetic theory of gases, an introduction to quantum mechanics and its application to atomic structure, solid state physics, and nuclear physics. The course includes laboratory study of relativistic beta spectroscopy, black body radiation, and the photoelectric effect.

PHY 300 Topics in Physics		3 credit hours

A topic of current interest in physics will be taught. Topics will vary depending on faculty and student interest. The course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

PHY 341 Physical Chemistry I		3 credit hours
Fall		Prereq: CHE 122, MAT 135, PHY 201 or PHY 211, and PHY 203 Coreq: CHE 343

Chemical thermodynamics. A study of the laws of thermodynamics with particular emphasis on applications to thermochemistry, solutions, chemical equilibrium, phase equilibria, chemical kinetics, and electrochemistry. Three hours lecture. Same as CHE 341. *Corequisite: CHE 343. Highly recommended MAT 142.*

PHY 342 Quantum Chemistry and Spectroscopy		3 credit hours
Spring, odd academic years		Prereq: CHE 122, MAT 135, PHY 201 or PHY 211, and PHY 203

Elementary quantum mechanics, group theory, and atomic and molecular structure and spectroscopy. Three hours lecture. Same as CHE 342.

PHY 343 Physical Chemistry Lab I		2 credit hours
Fall		Coreq: PHY 341

An introduction to the types of laboratory instrumentation and methods used every day by professional physical and inorganic chemists in research and industry. Substantial emphasis is placed on individual and team responsibility, careful and thoughtful planning, experimentation, data interpretation, and effective communication of results. Experiments will be closely associated with thermodynamics, chemical equilibrium, and include some spectroscopy of primarily inorganic compounds. Four hours laboratory (including pre-lab lecture). Same as CHE 343.

PHY 344 Quantum Chemistry and Spectroscopy Lab		1 credit hour
Spring		Prereq: PHY 342 (or concurrently)

An introduction to the types of laboratory instrumentation and methods used every day by professional physical and inorganic chemists in research and industry. Substantial emphasis is placed on individual and team responsibility, careful and thoughtful planning, experimentation, data interpretation, and effective communication of results. Experiments will be closely associated with kinetics, electrochemistry, computational chemistry, and a continuation of spectroscopy. Three hours laboratory. Same as CHE 344.

PHY 355 Ultrasonography		3 credit hours
Spring, odd academic years, rotating with PHY 365		Prereq: BIO 210 & 215 or ANAT 210 & 220 or BIO 360 or consent of instructor

Ultrasound is integrated in the health professions and medical education curriculum extensively because of its non-invasive nature and diagnostic utility. The course is divided into four sections: introductory ultrasonography, musculoskeletal, cardiovascular, and abdominal ultrasonography. The course provides hands-on training for proper utilization and appropriate operation of ultrasound equipment to assess various regions of the body, as well as a review of Focused Assessment with Sonography in Trauma (FAST) assessment. Same as BIO 355.

PHY 357 Radiation and Health		3 credit hours
Fall, even academic years		Prereq: CHE 121 & CHE 122 or consent of instructor

This course will provide students with an introduction to the principles of radioactivity and its applications in medical diagnosis. A study of basic physics and chemistry as it applies to radiation and the human body (radio-biology) is followed by an overview of major topics in the field of medical physics: x-rays and their uses in medical imaging, physics of nuclear medicine imaging, ultrasound imaging, magnetic resonance imaging, and radiation therapy for cancer. The course will also include a summary of basic principles for measuring radiation exposure, and different methods of monitoring and protecting against chronic exposure to radiation. Same as CHE 357.

PHY 365 Biomedical Optics		3 credit hours
Spring, odd academic years, rotating with PHY 355		

This course will be broadly divided into three categories: geometrical, physical, and visual optics that are pertinent to human-eye-related biomedical and clinical applications. It will begin with the discussion of foundations of geometrical optics describing the behavior of light as rays during reflection, refraction, and dispersion, as well as analyzing optical images, designs and systems and the associated aberrations. The physical-optics aspect of this course introduces the wave model of light propagation and applies it in describing various phenomena like refraction and reflection, dispersion, interference, polarization, and diffraction. This will be followed by a concise deliberation of a few topics related to the quantum nature of light and quantum optics. The final part of the course will address the optics of human eye emphasizing the propagation and interactions of light in biological tissues and physiology of a visual system.

PHY 375 Undergraduate Research in Biology, Chemistry or Physics		1-3 credit hours
		Prereq: instructor permission

To receive academic credit for an undergraduate research experience students must complete a project proposal endorsed by a sponsoring science faculty member. The application will contain an overview of the project, specific project goals, deadlines for the completion of the project, and specific project outcomes that will be evaluated and used to determine the final grade. All projects must meet the following criteria: a) spending an average of 3 hours per week per credit hour (i.e. 6 hours/week during the semester for 2 credits) working on the project; b) writing a scientific paper summarizing the results of the study; c) preparing an electronic poster of the project results; d) maintaining a lab notebook, and e) presenting the results of the project to an audience (at least once per year). The project must be approved by the Chair (or designee) of the sponsoring department.

PHY 482 Physics Practicum		1-2 credit hours
		Prereq: departmental consent

Supervised, pre-approved academic credit awarded for qualified work in an industrial, government, or academic research laboratory.

PHY 490 Independent Study		1-2 credit hours
		Prereq: departmental consent

Individualized reading or research project in an area not covered in regular courses.

AST 110 Astronomy		4 credit hours
Fall, odd academic years	Human Behavior & Scientific Thinking exploratories	

This introductory course provides an overview of our understanding of the universe at an elementary level including the Big Bang, the formation of elements, the solar system, planets and the search for life beyond Earth, stars, galaxies, black holes, dark matter, dark energy and the expanding universe. Students will also explore how humans have historically observed, interpreted and responded to the sky examining cultural perspectives, myths, and common misconceptions to understand how scientific knowledge spreads and is received. No prior math experience is required as the course begins with basic mathematical thinking needed for some topics and students will visit local astronomical sites and observatories to connect scientific concepts with observation and historical context.

ESC 118 Earth Science		4 credit hours
Fall and Spring	Scientific Thinking exploratory	

An introduction to the principles of physical geology including plate tectonics, geological time, origins of rock types, erosion, and glaciation. Students will be expected to attend one half-day field trip to an off-campus site. The instructor will seek to offer students a choice of multiple Saturday dates during the semester. Three hours lecture, two hours lab.

Computing

Department: Mathematics and Computing
Department Chair: P. Fonstad
Department Members: R. Beasley, J. Boardman, P. Fonstad, J. Gash, S. Hoehn, K. Smith, A. Walls

Majors: Computer Science, Cybersecurity, Software Engineering (Optional Software Engineering Track: Game Development)
Minors: Computer Science, Cybersecurity, Software Engineering, Software Engineering: Game Development
Related Major: Data Science
Related Minor: Data Science

Courses and majors in mathematics and computing are designed to provide students with fundamental knowledge of and facility with concepts and processes in mathematics and computing. Also, the program is intended to help develop interpersonal and lifetime learning skills so students can adapt to new challenges and situations in their personal and professional lives. The department seeks to promote active learning in the classroom through the implementation of cooperative learning, discovery learning, and the incorporation of technology in a variety of hands-on experiences.

All required courses for a major or minor in mathematics or computing, including all related field and prerequisite requirements, must be completed with a *C*- or better. Prerequisites for non-majors must also be completed with a *C*- or better. Education students should consult the education department for minimum requirements.

Majors in Computing
Two separate majors are available in the computing field: computer science and software engineering. Both programs provide professional education within the liberal arts setting in the rapidly developing field of computing.

A **major in computer science** provides the student with a knowledge of both computer applications and higher mathematics that will allow the student to pursue a career as a computer programmer or as a network administrator immediately following graduation or to enter graduate school.

A **major in software engineering** is intended to provide preparation for a student who wishes to pursue a career as a software developer in business, industry, or government.

Computer Science Major

Computing Core Requirements

CMP 141 Python for Computing and Data Science I
CMP 142 Python for Computing and Data Science II
CMP 240 Cybersecurity Essentials
CMP 283 Web Software Construction and Testing I
CMP 285 Web Software Construction and Testing II
CMP 337 Programming Languages
CMP 352 Data Structures
CMP 370 Database Design and Processing
CMP 385 Software Engineering I: Analysis and Design
CMP 387 Software Engineering II: Implementation and Maintenance
CMP 470 Senior Software Maintenance Project
CMP 473 Senior Software Development Project (includes professional experience and portfolio)
CMP 499 Senior Competency Practicum

Computer Science Program Track

CMP 372 Computer Networks and Security
CMP 345 Computer Architecture and Operating Systems

Professional Development Requirements

PDP 200 Preparing for Your Internship

Related Field Requirements

MAT 135 Calculus
MAT 181 Discrete Mathematics I
MAT 182 Discrete Mathematics II
MAT 224 Basic Applied Statistics

Cybersecurity Major

This major is offered partially online through a consortium of accredited colleges and universities. Seven courses within the program are delivered by faculty employed by partner institutions in the consortium, with technology and administrative support provided by Rize Education.
Oversight of courses offered through the consortium are reviewed and approved by Franklin College. Students register through Franklin College and receive academic credit from Franklin College.

Computing Core Requirements

CMP 141 Python for Computing and Data Science I
CMP 142 Python for Computing and Data Science II
CMP 222 Network and System Security
CMP 224 Cybercrime and Governance
CMP 240 Cybersecurity Essentials
CMP 320 Security Operations
CMP 322 Ethical Hacking
CMP 324 The Future of Cybersecurity
CMP 345 Computer Architecture and Operating Systems
CMP 352 Data Structures
CMP 372 Computer Networks and Security

CMP 422 Cybersecurity Capstone

Professional Development Requirements

PDP 200 Preparing for Your Internship
CMP 220 Career Navigation and Exploration in Cybersecurity
INT XXX Cybersecurity Internship

Related Field Requirements

MAT 181 Discrete Mathematics I
MAT 182 Discrete Mathematics II
MAT 224 Basic Applied Statistics
PJM 226 Project Management Fundamentals

Software Engineering Major

Computing Core Requirements

CMP 141 Python for Computing and Data Science I
CMP 142 Python for Computing and Data Science II
CMP 240 Cybersecurity Essentials
CMP 283 Web Software Construction and Testing I
CMP 285 Web Software Construction and Testing II
CMP 337 Programming Languages
CMP 352 Data Structures
CMP 370 Database Design and Processing
CMP 385 Software Engineering I: Analysis and Design
CMP 387 Software Engineering II: Implementation and Maintenance
CMP 470 Senior Software Maintenance Project
CMP 473 Senior Software Development Project (includes professional experience and portfolio)
CMP 499 Senior Competency Practicum

Software Engineering Program Track

CMP 130 Introduction to Computing
CMP 300 Topics in Computing

Professional Development Requirements

PDP 200 Preparing for Your Internship

Related Field Requirements

BUS 101 Introduction to the Business Mindset
MAT 181 Discrete Mathematics I
MAT 182 Discrete Mathematics II
MAT 224 Basic Applied Statistics

One of the following courses

ACC 221 Principles of Accounting I
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics

Software Engineering Major: Game Development Track

This major is offered partially online through a consortium of accredited colleges and universities. Five courses within the program are delivered by faculty employed by partner institutions in the consortium, with technology and administrative support provided by Rize Education. Oversight of courses offered through the consortium are reviewed and approved by Franklin College. Students register through Franklin College and receive academic credit from Franklin College.

Computing Core Requirements

CMP 110 Introduction to Games
CMP 130 Introduction to Computing
CMP 141 Python for Computing and Data Science I
CMP 142 Python for Computing and Data Science II
CMP 210 Content and Systems Design
CMP 283 Web Software Construction and Testing I
CMP 285 Web Software Construction and Testing II
CMP 310 Unity I: Working with Unity
CMP 345 Computer Architecture and Operating Systems
CMP 352 Data Structures and Algorithms
CMP 410 Unity II: Advanced Unity Programming
CMP 420 Capstone Project: Building a Game
CMP 470 Senior Software Maintenance Project
CMP 473 Senior Software Development Project (includes professional experience and portfolio)
CMP 499 Senior Competency Practicum

Professional Development Requirements

PDP 200 Preparing for Your Internship

Related Field Requirements

MAT 181 Discrete Mathematics I
MAT 182 Discrete Mathematics II
MAT 224 Basic Applied Statistics
PSY 117 General Psychology
PSY 328 Cognitive Psychology

Data Science Major

Please see separate Data Science section in this course catalog.

Minors in Computing

Computer Science Minor

Required Courses

CMP 130 Introduction to Computing
CMP 141 Python for Computing and Data Science I
CMP 142 Python for Computing and Data Science II
CMP 352 Data Structures

One of the following courses

CMP 240 Cybersecurity Essentials .
CMP 337 Programming Languages
CMP 345 Computer Architecture and Operating Systems
CMP 372 Computer Networks and Security

Cybersecurity Minor

This minor is offered partially online through a consortium of accredited colleges and universities. Three courses within the program are delivered by faculty employed by partner institutions in the consortium, with technology and administrative support provided by Rize Education. Oversight of courses offered through the consortium are reviewed and approved by Franklin College. Students register through Franklin College and receive academic credit from Franklin College.

CMP 141 Python for Computing and Data Science I
CMP 222 Network and System Security
CMP 240 Cybersecurity Essentials
CMP 320 Security Operations
CMP 324 The Future of Cybersecurity

Software Engineering Minor

CMP 130 Introduction to Computing
CMP 141 Python for Computing and Data Science I
CMP 283 Web Software Construction and Testing I
CMP 285 Web Software Construction and Testing II
CMP 385 Software Engineering I: Analysis and Design

Software Engineering: Game Development Minor

This minor is offered partially online through a consortium of accredited colleges and universities. Three courses within the program are delivered by faculty employed by partner institutions in the consortium, with technology and administrative support provided by Rize Education. Oversight of courses offered through the consortium are reviewed and approved by Franklin College. Students register through Franklin College and receive academic credit from Franklin College.

CMP 110 Introduction to Games
CMP 141 Python for Computing and Data Science I
CMP 142 Python for Computing and Data Science II
CMP 210 Content and Systems Design
CMP 310 Unity I: Working with Unity
CMP 352 Data Structures and Algorithms

Data Science Minor

Please see separate Data Science section in this course catalog.

Computing Course Descriptions

CMP 110 Introduction to Games*		3 credit hours
Fall and Spring		

Games sit at the intersection of technology, art, and culture, so success within the games industry requires you to understand all three. This course explores why we love games, what role they play in society, and the industry that produces them. You'll also learn the basics of game development. This course was developed in partnership with Unity and the IGDA to help everyone interested in the games industry start on the right foot. This online class has optional live sessions.

CMP 130 Introduction to Computing		3 credit hours
Fall and spring	Fulfills LA 103 requirement	Note: Placement into LA 103 or above based upon mathematics placement criteria

An introduction to the field of computing and the use of software applications to enhance quantitative reasoning, problem-solving, and decision-making. Topics include data storage, data manipulation, operating systems, networking and the Internet, algorithms, programming languages, software engineering, data abstractions, database systems, artificial intelligence, and the theory of computation. Hands-on experience with applications, such as spreadsheets and database management systems, is included.

CMP 141 Python for Computing and Data Science I		3 credit hours
Fall		Prereq: knowledge of high school algebra

An introduction to computers and structured programming using the Python programming language. Computer science topics include: problem-solving strategies, algorithm formulation, primitive data types, expressions, control structures, proper coding style, debugging, testing, and documentation. Data science topics include: basic descriptive statistics, data visualization, and data frames. Same as DAT 141.

CMP 142 Python for Computing and Data Science II		3 credit hours
Spring		Prereq: CMP 141

An introduction to object-oriented design and programming using the Python programming language. Computer science topics include: recursion, object-oriented design, encapsulation, inheritance, polymorphism, file input and output, exception handling, and regular expressions. Data science topics include: natural language processing, data mining, machine learning algorithms, and an introduction to deep learning. Same as DAT 142.

CMP 150 Computer Tools for Problem Solving		2 credit hours
Spring		

A course in which students learn to apply professional scientific computing software to mathematical problems. Topics will include matrices and matrix operations; random number generation; plotting graphs of functions; and curve fitting and interpolation. Students will also learn and apply basic elements of computer programming (relational and logical operators, conditional statements, and loop structures) within MATLAB and R.

CMP 210 Content and Systems Design*		3 credit hours
Spring		

If you've ever enjoyed the experience of playing a video game, you've had a first-hand lesson in how important content and systems design are. The experience of a game is driven by four major components: content, systems, narrative, and user experience. This class will help you learn to design all four components, and build a deeper understanding of the game development process and an introduction to concepts in scripting. This online class has optional live sessions.

CMP 215 Introduction to Cybersecurity*		3 credit hours
Fall		May substitute for CMP 240 for Cybersecurity majors only

In today's world, no one is safe from cyber-attacks, but everyone can be prepared. This course will teach you how malicious actors use social manipulation and technology to launch devastating attacks – and provide you with the tools you'll need to defend against them. Whether you pursue one of the many available jobs in cybersecurity or just want to secure your own privacy, you'll learn how to make the Internet safer.

CMP 220 Career Navigation and Exploration in Cybersecurity*		3 credit hours
Fall and spring		Prereq: CMP 215 OR CMP 240

This course will help you find a job in Cybersecurity upon graduation. Not just any job; one that meets your personal and financial needs and makes you excited about the future. In this course, you'll explore career paths in Cybersecurity, potential salary outcomes, and different roles. Then, you'll pick target jobs and opportunities that are the best fit for you, and make a clear plan of action toward securing them.

CMP 222 Network and System Security*		3 credit hours
Spring		

Modern organizations know that even the strongest systems can be vulnerable to cyberattacks. As a result, jobs in cybersecurity are rapidly expanding as companies look to secure their digital assets. This course will teach you how to secure those assets by identifying and fixing potential security vulnerabilities. By the end of the course, you will be able to identify and remedy common network and systems vulnerabilities.

CMP 224 Cybercrime and Governance*		3 credit hours
Spring		

This course explores the critical role of governance in mitigating cybercrime and ensuring the integrity of digital environments. You will learn how governments detect and stop cybercrimes, and become familiar with the laws and policies in place to deter cybercriminals. Develop and implement robust security policies procedures that align with legal and ethical standards and help create a resilient, compliant digital ecosystem.

CMP 240 Cybersecurity Essentials		3 credit hours
Spring, odd academic years		Prereq: CMP 130 or CMP 141 or demonstrated coding experience as approved by department chair

This course is an introduction to the fundamental principles of cybersecurity. Topics include cryptography, date integrity and authentication, access control, network security, and human security. Students will learn common hacking techniques to better understand how to protect and secure their devices and systems. Personal and professional ethics and legal issues will be discussed.

CMP 283 Web Software Construction and Testing I		3 credit hours
Fall		Prereq: CMP 141 or consent of instructor

An introduction to the fundamental concepts of web software construction and testing. Topics include the client-server model and server-side programming languages (e.g., ASP.NET, C#.NET).

CMP 285 Web Software Construction and Testing II		3 credit hours
Spring		Prereq: CMP 283 or consent of instructor

An advanced study of the concepts of web software construction and testing. Topics include database connectivity and client-side programming languages (e.g., JavaScript).

CMP 300 Topics in Computing		1-3 credit hours
Spring, odd academic years		Prereq: CMP 142 and junior standing, or consent of instructor

A topic of current interest in computing will be taught. Topics will vary depending on technological developments and faculty interests. Offered at the request of a faculty member and with approval of the Vice President of Academic Affairs.

CMP 310 Unity I: Working with Unity*		3 credit hours
Fall and Spring		

The Unity engine powers nearly 50% of all games and nearly 75% of mobile games. This course, built in collaboration with Unity and the IGDA, will introduce you to developing games in Unity. By the end of this course, you'll learn how to build a fully functioning game within the Unity system, including all key elements. This online course has optional live sessions.

CMP 320 Security Operations*		3 credit hours
Fall		Prereqs: CMP 222 and CMP 240

The moments after a breach can make or break an organization. When the unthinkable happens and a cybercrime is discovered, the actions taken by the security operations team can either contain the damage and restore order or lead to catastrophic consequences. This course examines the tools and techniques used to conduct investigations into cybercrimes and teaches the defensive skills necessary to ensure a breach doesn't occur in the first place.

CMP 322 Ethical Hacking*		3 credit hours
Fall and spring		Prereq: CMP 222

To stop a hacker, you need to be able to think like a hacker. In this course, you will learn hands-on techniques for attacking and penetrating networks and systems. You'll learn the tools to launch these offensive tactics, and then complete a hands-on project where you will be asked to ethically hack a real system.

CMP 324 The Future of Cybersecurity*		3 credit hours
Fall		Prereq: CMP 222

Technology is racing forward, and cybersecurity must stay ahead to meet new challenges and threats. In this class, you will learn about the changing landscape of cybersecurity, emerging mobile technologies that are likely to be targeted, and new forms of cyber-attacks being launched. By the end of the course, you will be able to implement the most cutting-edge practices in cybersecurity in order to protect against attacks.

CMP 337 Programming Languages		3 credit hours
Spring, odd academic years		Prereq: CMP 142

An introduction to programming languages and the major paradigms. The structure of the languages as well as their approach to problem-solving will be studied. Topics may include imperative, functional, object-oriented, and logic-based languages.

CMP 345 Computer Architecture and Operating Systems		3 credit hours
Spring, even academic years		Prereq: CMP 142

This course is an introduction to computer architecture and operating systems. Computer architecture topics include digital logic, circuit design, machine-level representation of data, assembly-level machine organization, and memory system organization. Operating system topics include an overview of the components and principles of an operating system, concurrency, scheduling, memory management, file systems, and security and protection.

CMP 352 Data Structures		3 credit hours
Fall, odd academic years		Prereq: CMP 142

This is an advanced course in the use, development, and analysis of data structures and the algorithms that operate on them. Students will gain a firm understanding of the fundamental data structures of arrays and linked lists and how they are used to implement other formal data structures such as stacks, queues, binary search trees, and graphs. This course will particularly emphasize data encapsulation of such structures, as well as include significant experience with tree and graph representations. Multithreaded and parallel programming will be introduced. Complete and detailed algorithm analyses will also be introduced.

CMP 360 Operations Research		3 credit hours
Fall, odd academic years		Prereq: MAT 135, MAT 181, MAT/SOC 224, or consent of instructor

Introduction to the field of operations research. PERT, linear and integer programming, use of statistical reasoning, and computer methods are included.

CMP 370 Database Design and Processing		3 credit hours
Fall, odd academic years		Prereq: CMP 142 and junior standing, or consent of instructor

An introduction to database concepts. Topics include file systems and databases, the relational database model, structured query language, entity relationship modeling, database table normalization, transaction management and concurrency control, and data warehouses.

CMP 372 Computer Networks and Security		3 credit hours
Fall, even academic years		Prereq: CMP 142 or consent of instructor

This course is an introduction to computer networks and security. Topics include: methods of data transmission, data encoding and error correction, internet and transport protocols, routing algorithms and flow control, network design, internetworking, and security. Students will learn and develop network applications.

CMP 385 Software Engineering I: Analysis and Design		3 credit hours
Fall, even academic years		Prereq: CMP 285 and junior standing, or consent of instructor

An introduction to the concepts associated with the analysis and design activities of the software engineering process. Topics include software activities and tasks, process models, methodology development and tailoring, project scheduling, monitoring, and control, requirements analysis, project estimation, decision analysis, back-end design, front-end design, and component design.

CMP 387 Software Engineering II: Implementation and Maintenance		3 credit hours
Spring, even academic years		Prereq: CMP 385 and junior standing, or consent of instructor

An introduction to the concepts associated with the implementation and maintenance activities of the software engineering process. Topics include software quality assessment, quality control, measurement, metric construction, configuration management, change control, construction, testing, system conversion, and maintenance.

CMP 410 Unity II: Advanced Unity Programming*		3 credit hours
Fall		Prereq: CMP 285 & CMP 310

This course is intended to provide students with the skills and knowledge to bring their mastery of the Unity game engine and C# programming up to a professional standard. Students will learn how to perform a range of vital code-based tasks within the Unity platform, and will grow their skills in building core gameplay functionality, supporting systems and platform-specific optimizations. This course was built in collaboration with Unity. Upon successful completion, students will be prepared to sit for the Unity Certified Associate: Programmer exam. This online course has optional live sessions.

CMP 420 Capstone Project: Building a Game*		3 credit hours
Spring		Prereq: CMP 352, CMP 410, CMP 470, senior standing, and departmental consent

This course is intended as a culmination of all a student's work in the Unity Game Development major. Students will work in groups to build a game in the unity engine that uses real-time 2D or 3D visuals and showcases their understanding of the core principles of game design. Students will pitch their game, design, prototype, build and test their game. Students will be evaluated based on the quality of their game, and their internal project management processes. This online course has optional live sessions.

CMP 422 Cybersecurity Capstone*		3 credit hours
Spring		Prereqs: CMP 222, CMP 224, CMP 240, CMP 320, CMP 322, CMP 324

The Capstone course is the culmination of the Cybersecurity program, allowing students to apply their knowledge to real-world challenges. Students will undertake a comprehensive project integrating various aspects of cybersecurity, including log analysis, vulnerability assessment, incident response, ethical hacking, and cloud security. This project will develop critical thinking skills and prepare students for major cybersecurity certifications.

CMP 470 Senior Software Maintenance Project		No credit
Fall		Prereq: senior standing and departmental consent

A supervised, pre-approved experience which requires the student to select an existing system maintenance project from a pool of requests and perform the necessary activities to solve the maintenance problem.

CMP 473 Senior Software Development Project		6 credit hours
Spring		Prereq: CMP 470, senior standing, and departmental consent; Co-req: CMP 499

Requires the selection and completion of the senior project, which involves the analysis, design, implementation, and delivery of a fully-functioning computer system as well as the development of all relevant technical documentation.

CMP 482 Computer Practicum		1-2 credit hours
		Prereq: instructor permission

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

CMP 490 Independent Study		1-2 credit hours
		Prereq: departmental consent

Courses are designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings. Course work is planned by student and instructor jointly to meet student's individual needs.

CMP 499 Senior Competency Practicum		No credit
Spring		Co-req: CMP 473

The senior competency practicum consists of two components. The first component, the written part of the senior competency requirement, is written documentation from the senior project completed in CMP 473. The second component, the oral part of the senior competency requirement, is a formal presentation of the senior project. A team of at least four individuals will judge the student's skill in presentation, knowledge of the system, and ability to communicate with the audience. Students must earn a *C*- or higher.

*This course is offered online through a consortium of accredited colleges and universities. Instruction is provided by faculty employed by partner institutions within the consortium, with technology and administrative support provided by Rize Education.
Oversight of courses offered through the consortium are reviewed and approved by Franklin College. Students register through Franklin College and receive academic credit from Franklin College.

Data Science

Department: Mathematics and Computing
Department Chair: S. Hoehn
Department Members: R. Beasley, J. Boardman, J. Gash, P. Fonstad, S. Hoehn, K. Smith, A. Walls

Majors: Data Science
Minors: Data Science

Data science is a rapidly growing interdisciplinary field that lies at the intersection of mathematics, statistics, computer science, and a domain of application. Knowing the context surrounding data being analyzed is critical to making informed decisions, so data science majors at Franklin College take courses from a related field to which data science techniques can be applied. A data science capstone course then gives students experience applying the entire data science life cycle to data from their related field. A data science minor is also available for students who would prefer to focus more heavily on the area of application while still learning some of the key ideas and technical skills from the field of data science. In addition to gaining technical skills, both data science majors and minors learn about the importance of approaching data science projects from a human-centered perspective.

All required courses for a major or minor in data science, including all related field and prerequisite requirements, must be completed with a C- or better. Prerequisites for non-majors must also be completed with a C- or better. Education students should consult that department for minimum requirements.

Data Science Major

Core Requirements

CMP 150 Computer Tools for Problem Solving
CMP 352 Data Structures
CMP 370 Database Design and Processing
DAT 110 Human Perspectives in Data Science
DAT 141 Python for Computing and Data Science I
DAT 142 Python for Computing and Data Science II
DAT 471 Data Science Capstone
DAT 499 Senior Competency Practicum
MAT 135 Calculus
MAT 140 Introduction to the Mathematical Sciences
MAT 142 Calculus II
MAT 181 Discrete Mathematics I
MAT 182 Discrete Mathematics II
MAT 224 Basic Applied Statistics
MAT 233 Linear Algebra
MAT 343 Probability Theory
MAT 345 Statistical Consulting Project
PDP 330 Big Data and the Professional Workplace

Professional Development Requirements

PDP 200 Preparing for your Internship

INT 261 Math/Computing/Statistics Internship (4 credit hours)

Related Field Requirements

One of the following courses

ECO 380 Econometrics
MAT 344 Mathematical Statistics

At least two additional courses at the 200-level or above from a discipline other than CMP/DAT/MAT to which data science can be applied. Data from this discipline should be the focus of the student's DAT 471 Data Science Capstone. Students should choose these courses in consultation with their academic advisor.

Data Science Minor

Core Requirements

DAT 110 Human Perspectives in Data Science
DAT 141 Python for Computing and Data Science I
MAT 224 Basic Applied Statistics

One of the following

CMP 150 Computer Tools for Problem Solving
DAT 142 Python for Computing and Data Science II

One of the following options

Option 1: **MAT 345** Statistical Consulting Project AND **PDP 330** Big Data and the Professional Workplace*

Option 2: **MAT 345** Statistical Consulting Project OR **PDP 330** Big Data and the Professional Workplace, AND one additional course from the following**:

ACC 235 Data Management and Analysis
BIO 365 Geographic Information Systems
CMP 352 Data Structures
CMP 360 Operations Research
CMP 370 Database Design and Processing
ECO 380 Econometrics
EXE 402 Research Methods in Exercise Science and Athletic Training II
MAT 135 Calculus
MAT 181 Discrete Mathematics I
MMJ 210 Advanced Reporting and Database Research
PSY 420 Advanced Statistics & Research Methods in Psychology II
SOC 227 Inquiry in the Social Sciences
SOC 425 Research Methods I

*Option 1 is not available to MAT majors

**Some of the additional courses listed for Option 2 have significant pre-requisite requirements that must be fulfilled prior to taking those courses. In addition, the additional course for Option 2 may not be used to fulfill a requirement for a MAT or CMP major, but may be used for MAT/CMP double-majors.

Complete course descriptions for each of these offerings may be found elsewhere in this catalog under the appropriate major headings.

Data Science Course Descriptions

DAT 110 Human Perspectives in Data Science		3 credit hours
Spring	Comparative Perspectives exploratory	

This course provides an introduction to data-driven decision-making and artificial intelligence through a human-centered lens. While many people tend to view data as completely objective and free from human influence, humans make many choices at each step of the data science process. Those choices can influence the final output of data-driven models and can sometimes lead to unintended negative consequences for the people to whom the models are applied. Beyond just identifying possible problems that can arise, students in this course will also be introduced to specific strategies that can be employed when working with data to prevent some of these unintended consequences.

DAT 141 Python for Computing and Data Science I		3 credit hours
Fall		

An introduction to computers and structured programming using the Python programming language. Computer science topics include: problem-solving strategies, algorithm formulation, primitive data types, expressions, control structures, proper coding style, debugging, testing, and documentation. Data science topics include: basic descriptive statistics, data visualization, and data frames. Same as CMP 141.

DAT 142 Python for Computing and Data Science II		3 credit hours
Spring		Prereq: CMP/DAT 141

An introduction to object-oriented design and programming using the Python programming language. Computer science topics include: recursion, object-oriented design, encapsulation, inheritance, polymorphism, file input and output, exception handling, and regular expressions. Data science topics include: natural language processing, data mining, machine learning algorithms, and an introduction to deep learning. Same as CMP 142.

DAT 471 Data Science Capstone		3 credit hours
Spring		Pre-req: Senior standing and departmental consent Co-req: DAT 499

This course draws on the knowledge and skills learned in the data science curriculum. A major data science project from a related domain of application that involves defining a problem, collecting data, exploring data, building models to analyze the data, and evaluating the models will be completed. A research paper that summarizes the methods and results and an oral presentation to clients and faculty evaluators are required. Taken concurrently with DAT 499.

DAT 499 Senior Competency Practicum		0 credit hours
Spring		Co-req: DAT 471

The senior competency practicum consists of two components. The first component is the written report from the capstone project completed in DAT 471. The second component is a formal presentation of the senior capstone project from DAT 471. A team of at least three individuals will judge the student's knowledge of the data science workflow and data science techniques, as well as their ability to communicate with the audience. Taken concurrently with DAT 471. Students must earn a C- or higher.

Digital Fluency Endorsement

The overarching mission of the Digital Fluency initiative is to improve students' digital skills and diversify their career options. The digital fluency initiative also serves as a differentiator for students and our institution. This endorsement enables our students to distinguish themselves in the marketplace while also providing Franklin College with a unique value proposition for prospective students.

Program Outline

Recognizing that learning happens both in and out of the classroom, requirements for the digital fluency endorsement include class offerings and professional development opportunities such as internships, workshops, or successful attainment of external credentials. A detailed outline of these requirements is below.

Curricular requirements: The following courses each feature a major component of digital fluency. To earn the endorsement, students must earn a "C-" or better in 4 of these courses. At least 2 of the 4 courses must be outside the student's major and of a different course code than the major. Classes may be added to or removed from this list at the discretion of the Vice President for Academic Affairs and Dean of the College in consultation with the Faculty Curriculum Committee. Further, students may petition the Academic Rules Committee to include a class not on the current list.

ACC 235 Data Management and Analysis
ART 140 Graphic Design I
ART 190 Digital Fine Art Photography I
BIO 240 Ecology
BIO 324 Scientific Communication and Public Engagement
BIO 365 Geographic Information Systems
BUS 365 Digital Marketing & Salesforce Fundamentals
CMP 130 Introduction to Computing
CMP/DAT 141 Python for Computing and Data Science I
CMP 150 Computer Tools for Problem Solving
DAT 110 Human Perspectives in Data Science
ENG/NPL 485 Communications Consulting Project
EXE 341 Organization and Administration of Health Programs
MAT/SOC 224 Basic Applied Statistics
MAT/ECO/PSY 345 Statistical Consulting Project
MMJ 180 Publication Design
MMJ/PRL/SPR 195 Digital Media Production I
PDP 330 Big Data and the Professional Workplace
PRL 222 Social Media Strategy and Tactics
PSY 227 Introductory Statistics and Research Methods in Psychology
PSY 421 Theories of Personality
LEA/NPL/SOC 315 Leadership Capstone

Additionally, Immersive Term courses with a significant digital fluency component can be counted towards the 4 course requirements. Contact the Director of Digital Fluency with questions about qualifying Immersive Term courses.

Co-curricular requirements: In addition to the curricular requirements noted above, students must complete or attend 4 extra-curricular offerings prior to graduation. These offerings include internships, workshops, and

external credentials. Examples of potential opportunities are listed below. This list will change each year. In addition, other events or programming may be counted with prior approval of the Vice President for Academic Affairs and Dean of the College.

- PDP 110 Introduction to Digital Fluency
- Internship with a digital or tech focus
    - Internships must be pre-approved by the Director of Digital Fluency. To qualify, a student's work should be with a tech product, service, infrastructure, or tech-enabled company.
- Professional certifications, not earned as part of a course, from organizations such as Adobe, Salesforce, Microsoft, Google, Amazon Web Services, Eleven Fifty Academy, etc.
- Digital fluency related workshops provided by the Center for Tech Innovation
- Digital leadership workshops provided by Leadership Johnson County
- Digitally focused workshops provided by the Director of Professional Development or Director of Career Development.

The Director of Digital Fluency will help interested students identify and apply for funding opportunities to support activities and certifications that have an additional cost.

Students can formally declare that they are pursuing this endorsement via the major/minor declaration page on GrizLink.

Economics

Department: Economics, Business, and Accounting
Department Chair: A. Mescall
Department Members: O. Adisa, L. Hamer, S. Locklear, A. Mescall, R. Rungta, J. VanAndel

Major: Economics (Tracks: Traditional and Graduate School Preparation) and Political Economy
Minor: Economics and Political Economy

The department provides theoretical and practical education in these programs: economics, business, and accounting. Majors and minors are offered in each of these programs.

The economics curriculum is designed to provide majors with sufficient knowledge, skills, and experiences in their chosen discipline so they can understand and apply economic analysis. The program offers courses that survey the various sub disciplines within economics, develop the analytical skills necessary to "do" economics, and provide, by way of assignments and experiences, opportunities for using the knowledge and skills. Students completing the major will then be in a position to take the next step in their careers, whether it be employment in business or government, continued education in law or other graduate schools, or family and community service.

Franklin College's interdisciplinary major, the political economy examines the relationship between politics and economics in modern societies and focuses on problems of both domestic and international policy. Students study the political and economic factors that affect, and are affected by, systems of production, exchange, and distribution, that is, political economy analyzes how international and domestic political factors interact with micro- and macro-economic factors to determine outcomes in a wide variety of areas including globalization, international trade and finance, regulation, development, taxes, and income distribution. As a result, students will be able to think logically and analytically about the problems that face humankind internationally and domestically. They will be prepared for law school, graduate school and employment by private sectors and government at the local, state, and federal levels, as well as careers in teaching.

A major or minor in economics or political economy requires the student to have a minimum graduation GPA of 2.00 (A=4.00) in all required major/minor courses and to complete with grades of *C*- or better all coursework for the major, minor, and related field. Furthermore, regardless of major, all students taking economics courses must complete all prerequisites with a *C*- or better.

Students who excel in the program have the opportunity to join Delta Mu Delta, the national business honor society. Juniors and seniors who have earned an overall GPA of 3.3 at the time of invitation are eligible to join. Additionally, many scholarships are available to students who excel in the program.

Note: *Economics and Political Economy majors and minors must complete MAT 131 (except Graduate School Preparation Track), ECO 121, ECO 123, ECO 221, and ECO 223 with a 'C-' or better* ***before*** *enrolling in 300 or 400 level course in the department.*

Economics Major – Traditional Track

This track provides students with a broader and deeper view of primary area of study in economics.

Core requirements

ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
ECO 380 Econometrics
ECO 475 Strategic Implementation Project
ECO 499 Senior Competency Practicum
MAT 131 Introduction to Quantitative Analysis

Four of the following courses

ECO 300 Topics in Economics
ECO 330 Money and Banking
ECO/BUS 340 Business Organization and Public Policy
ECO/BUS 350 International Business and Finance
ECO/BUS 360 Labor Economics and Management
BUS 351 Business Finance
PHL 220 Principles of Ethics

Professional Development Requirements

ECO 482 Professional Practicum
PDP 200 Preparing for Your Internship
INT XXX Internship in Economics or related field

Related field courses required

ACC 221 Principles of Accounting I
ACC 235 Data Management and Analysis
MAT 224 Basic Applied Statistics
CMP 130 Introduction to Computing

Economics Major – Graduate School Preparation Track

This track is designed for students who are interested in graduate school (PhD in economics). Students become ready for graduate work in economics (PhD level) once they complete the track. Note that this track does not require students to apply for graduate school.

Core requirements

ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
ECO 380 Econometrics
ECO 475 Strategic Implementation Project
ECO 499 Senior Competency Practicum

Four of the following courses

ECO 300 Topics in Economics
ECO 330 Money and Banking
ECO/BUS 350 International Business and Finance
ECO/BUS 360 Labor Economics and Management
BUS 351 Business Finance

Professional Development Requirements

ECO 482 Professional Practicum
PDP 200 Preparing for Your Internship
INT XXX Internship in Economics or related field

Related field

Statistics Requirement:

MAT 224 Basic Applied Statistics

Mathematics Requirement: **all of the following courses**

MAT 135 Calculus
MAT 142 Calculus II
MAT 233 Linear Algebra
MAT 253 Calculus III
MAT 256 Differential Equations

Political Economy Major

Cannot be combined with Economics and/or Political Science majors and/or minors

Core requirements

Political Science Field

POL 110 American National Government
POL 120 Introduction to International Relations
POL 130 Introduction to Comparative Politics
POL 336 Introduction to Public Policy
POL 360 Social and Political Thought

Economics Field

ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics

Statistics Field

ECO 380 Econometrics

Senior Capstone Courses

ECO 475 Strategic Implementation Project
ECO 499 Senior Competency Practicum **or POL 499** Senior Competency Practicum

Elective courses

Political Science Field – choose three courses from the following

POL 316 American Presidency
POL 317 American Congress
POL 320 International Security and Conflict Management
POL 341 International Law and Organizations
POL 350 Public Administration
POL 390 American Foreign Policy
POL 410 American Constitutional Law I: Powers and Duties
POL 420 American Constitutional Law II: Civil Rights and Liberties

Economics Field – choose two courses from the following

ECO 330 Money and Banking
ECO 350 International Business and Finance
ECO 360 Labor Economics and Management

Professional Development Requirement

PDP 200 Preparing for Your Internship
INT XXX Internship in Economics or related field (4 credits) **or SNR/SNT489 (POL)** Senior Internship/Project (4-6 credits)
ECO 482 Professional Practicum **or POL 498** Portfolio (take with POL 470)

Related Field Requirement

MAT 131 Introduction to Quantitative Analysis
MAT 224 Basic Applied Statistics

Two of the following courses

ACC 341 Introduction to Taxation
BUS 331 Business Law I
PHL 220 Principles of Ethics
PSY 320 Social Psychology
SOC 210 Criminal Justice
SOC 321 Criminology
Other course approved by faculty from both political science and economics

Economics Minor

Required courses

ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics

Two of the following courses

ECO 300 Topics in Economics
ECO 330 Money and Banking
ECO/BUS 340 Business Organization and Public Policy
ECO/BUS 350 International Business and Finance
ECO/BUS 360 Labor Economics and Management
ECO/BUS 380 Econometrics

Political Economy Minor

Cannot be combined with Economics and/or Political Science majors and/or minors

Core requirements

Political Science Field

POL 110 American National Government
POL 120 Introduction to International Relations
POL 336 Introduction to Public Policy

Economics Field

ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics

Elective courses

Political Science Field – choose one course from the following

POL 130 Introduction to Comparative Politics
POL 225 State and Local Government
POL 316 American Presidency
POL 317 American Congress
POL 360 Social and Political Thought

Economics Field – choose one course from the following

ECO 330 Money and Banking
ECO 350 International Business and Finance
ECO 360 Labor Economics and Management

Economics Course Descriptions

ECO 121 Principles of Microeconomics		3 credit hours
Fall and Spring	Human Behavior exploratory	

This course introduces students to the principles of microeconomics, a branch of economics focused on decision-making processes. Students will explore how individuals, firms, and governments make choices regarding resource allocation, pricing and production in a market economy. Emphasizing real-world applications, the course combines theoretical analysis with practical examples to provide a comprehensive understanding of economic decision-making and the forces that shape markets and economies.

ECO 123 Principles of Macroeconomics		3 credit hours
Fall and Spring	Human Behavior exploratory	

This course provides an introduction to the core concepts and principles of macroeconomics, focusing on the economy as a whole. The course examines the interactions between households, businesses, and governments in a national economy and how policies can influence economic stability and growth. Through the study of macroeconomic indicators and basic models, students will gain a solid foundation for understanding global economic issues, business cycles, and the roles of central banks and government in shaping economic performance.

ECO 221 Intermediate Microeconomics		3 credit hours
Fall and Spring		Prereq: ECO 121, ECO 123, and MAT 131 or consent of instructor. MAT 135 replaces MAT 131 ONLY for NON-EBA major students.

This course provides the theory of consumption, production, pricing, market structure, competitive strategy, market failure and resource allocation. Technique of market analysis is applied to the determination of prices and quantities, in both product and resource markets. Economic issues of monopolies, inequality and pollution are examined.

ECO 223 Intermediate Macroeconomics		3 credit hours
Fall and Spring		Prereq: ECO 121. ECO 123, and MAT 131 or consent of instructor. MAT 135 replaces MAT 131 ONLY for NON-EBA major students.

This course explains how the level of national income, aggregate output, price levels and unemployment are measured and determined. Then, the course focuses on classical theory and Keynes' General Theory to explain how the economy fluctuates in the short run and long run. The course also explains the role of fiscal and monetary policies and how these policies will be used to guide the macro-economy stabilized. The course also offers the Solow growth Model to explain economic growth in the very long run and gives students the opportunity to consider the determinants of the economic growth for the nation.

ECO 300 Topics in Economics		3 credit hours

A topic of current interest in economics will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of faculty member and with approval of the Vice President of Academic Affairs.

ECO 330 Money and Banking		3 credit hours
Fall, odd academic years		Prereq: ECO 223

Develops the principles of money, credit, and banking. This incorporates the study of monetary theories and policies, as well as descriptions of the U.S. banking and financial system.

ECO 340 Business Organization and Public Policy		3 credit hours
Fall, odd academic years		Prereq: ECO 121 and MAT 131; MAT 135, MAT 181, MAT 224, or LA 103 replaces MAT 131 only for non-EBA majors

Studies industrial organization and public policy toward business. The course examines the economic rationale and impact of antitrust legislation and government regulation of business activity. Same as BUS 340.

ECO 350 International Business and Finance		3 credit hours
Fall, even academic years		Prereq: ECO 221 and 223, or consent of instructor

Surveys the theories of international trade, investment, and finance. The balance-of-payments statement, tariffs and other forms of protectionism, multinational enterprises, foreign-exchange markets, and the international financial system are all topics of discussion. Same as BUS 350.

ECO 360 Labor Economics and Management		3 credit hours
Spring		Prereq: ECO 221

Examines the operation of labor markets and the economic framework of employer-employee relations. Particular labor issues, labor legislation, and other government regulations pertaining to labor are discussed. Same as BUS 360.

ECO 380 Econometrics		4 credit hours
Spring		Prereq: ECO 121, ECO 123, and MAT/PSY/SOC 224, or consent of instructor

This course is designed for students who obtained basic statistical concept and elementary econometrics through MAT 224. The course provides students with an advanced level of research methodology to analyze business and economic problems. The course focuses on departing Gauss-Markov assumptions and learning non-linear regression model, time series (including serial correlation), panel data, simultaneous equations model, and generalized least squares (GLS) methodology, so that students can conduct research analysis correctly. During the course students will use actual data of business and/or economics to conduct a research analysis, for which students use the statistical software, R. Same as BUS 380.

ECO 475 Strategic Implementation Project		3 credit hours
Spring		Prereq: ECO majors with senior standing having completed all core requirements with a grade of "C-" or better. Non-EBA majors must have senior standing and consent of instructor. Non-EBA majors who wish to have ECO 475 substitute for their major or departmental capstone course must have senior standing, consent of instructor, and consent of department chair in their major field. Co-req: ECO 482

This course is the senior capstone for economics majors. Students will work in teams to solve complex business problems in a simulated boardroom setting as they address and solve a real-life business challenge that has been presented to them by Franklin College Alumni or others who have current and relevant projects to complete. Students are expected to synthesize material in all business, economics, and accounting courses in preparing solutions to these problems, and to present their solutions with a formal oral and written report directly to the business owners/managers who tasked them with the project. Teams will be expected to defend their solutions/suggestions, and prepare any follow-up work requested by the business owners/managers.

ECO 482 Professional Practicum		1 credit hour
Spring		Co-req: ECO 475

Students will reflect on their internship experiences, curricular and co-curricular learning experiences, and their liberal arts education through creation of a digital portfolio. Student will further develop communication skills by setting goals for the future and self-assessing their strengths and areas to improve. This course meets the senior year portfolio requirement for graduation. Same as ACC/BUS 482.

ECO 490 Independent Study		1-2 credit hours
		Prereq: departmental consent

Course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in regular departmental course offerings.

ECO 499 Senior Competency Practicum		No credit
Spring		

Satisfactory performance on ETS major field test in economics. Passing grade 'D-' or better.

Education

Director of Teacher Education: C. Prather
Department Chair: A. Schulz
Teaching Licensing Advisor: C. Prather
Department Members: L. Jochim, K. Mayes, E. Sanchez, R. Staley

The Franklin College Education Department programs are approved by the Indiana Department of Education.

Major: Elementary Education (requires a minor or concentration as noted below)
Indiana Teacher Licensing Pathway:

1. **Elementary:** The Elementary Education Generalist (grades K-6) Licensing Pathway requires an Elementary Education major and a minor or concentration area plus meeting requirements for Indiana's Early Literacy Endorsement.

Minor or Concentration Area Required for Elementary Education Licensing:
A candidate for Elementary Teacher Licensing in Indiana must complete the Elementary Education major and a minor or concentration area as defined in the state of Indiana Elementary Education Curriculum Requirements. Proof of completed minor or concentration areas is reported to the Teacher Licensing Advisor. Acceptable college minors and concentration areas are those in the following areas: Language Arts, Mathematics, Science (Chemistry, Life Science, Physics), Social Studies (Economics, Government and Citizenship, Historical Perspectives, Psychology, Sociology), Physical Education, Health Education, Fine Arts (Instrumental and General Music, Theater Arts, Visual Arts, Vocal and General Music), World Languages (French, Spanish), Computer Education, and Journalism. Courses used to satisfy minor or concentration requirements must bear a grade of "C" or better.

Concentration areas are only for Elementary Education majors. A concentration is intended to strengthen the licensing candidate in an area related to teaching in an elementary school. A concentration area consists of a minimum of 9 hours within another major area of study, with a required grade of "C" or better. Any course with a LA/EDE/EDU prefix is excluded. Activity courses and those with pass-fail designations do not count towards the 9 hours. Concentration areas required for Indiana teacher licensing are tracked by the candidate with the assistance of the candidate's academic advisor and the Education Department.

The Teacher Education Program at Franklin College focuses on preparing *competent, caring decision makers.* It is an outgrowth of the liberal arts structure of the college. The foundation of the Franklin College Education Program is the extensive practical experience that students gain by working with children and experienced teachers in accredited school classrooms. Franklin College Elementary Education Department methods courses are tied to a co-requisite field experience. Students acquire knowledge of how children learn, methods of teaching, and the workings of a school community through these experiences. Depth of knowledge is provided by the college's rich and rigorous liberal arts and departmental curricula.

Compliance with regulations established by the Indiana Department of Education and state and national accreditors may alter the Education Department policies, curricula, and course content regardless of the date of enrollment at Franklin College. Candidates are advised to work closely with the Education Department academic advisors to keep abreast of all changes.

Academic Advising
Every candidate has an academic advisor who assists with curricular and class scheduling matters and some phases of career planning. While the academic advisors and other personnel are available for assistance, the primary responsibility for taking appropriate and required courses to meet graduation and licensure requirements rests with the candidate.

Admission Requirements for Elementary Education Major
To be considered for admission into the Teacher Education Program for fall of the junior year, candidates must submit a formal application to the Education Department. Registration for junior-level courses and application to the program do not guarantee admission to the program. Admission to the Teacher Education Program is a pre-requisite all 300/400 level professional education courses, field experiences, and internships.

The Education Department evaluates each application according to the admission criteria which include:

- cumulative GPA of 3.0 (A=4.00)
- no grade below a "C" in any professional education course or related course
- satisfactory grades in all education field experiences/internships
- passing scores on the department's dispositional evaluations
- documentation of passing scores on nationally normed, basic skills tests in the areas of Reading, Writing, and Mathematics
- successful completion of the following courses: EDE 124, EDU 210, INE 200, EDE 222, EDE 225, EDE 230, EDE 235, EFE 284, PSY 117, LA 103 or approved MAT substitute, and LA 111

Candidates admitted to the Teacher Education Program are monitored regularly to ensure that satisfactory progress is being made toward graduation and licensure. To advance in the program, candidates must continue to meet all standards established by the Education Department.

Transfer Credit for Elementary Education Program
Professional Education courses are not subject to transfer credit approval.

Minimum Grades for Elementary Education Program
A teacher education candidate must receive a grade of a "C" or better in any professional education course and the related courses PSY 117, LA 103, and LA 111.

Background Clearance Reports for Clinical Field School Placements
Candidates enrolled in Education Department courses will have many interactions with P-12 students during clinical field experiences and are therefore expected to be law-abiding citizens who can satisfactorily pass the P-12 school's requirements for a criminal history check. If a clinical field school experience placement request is rejected due to issues with the candidate's criminal history report or background check, Franklin College has no further obligation regarding placement for that term. A candidate not passing a school's criminal history check before the first day of the clinical experience will be ineligible for the clinical experience and dismissed from the program.

Acceptance for Elementary Education Student Teaching
Student Teaching applications must be submitted to the Education Department during the junior year. A Student Teaching placement will be sought only for those candidates who have successfully met all program requirements to date and have been approved for a Student Teaching placement. *All* coursework required for graduation in the Elementary Education major except EDE 456, EDE 499, and EST 489 must be satisfactorily completed before the start of the student teaching semester. Indiana content licensing tests required for the Elementary K-6 license and the Early Literacy Endorsement must be passed by May 1 prior to Fall semester student teaching and December 1 prior to Spring semester student teaching.

Additional Fees
All Education Department clinical field and internship experiences carry a fee as well as many Education Department courses. Fees can be found in the annually updated fees section of the academic catalog. It is the responsibility of the candidate to pay any fees associated with P-12 school experiences. Also, it is the responsibility of the candidate to pay the fees associated with nationally standardized tests that are required for admission to the Elementary Education program, student teaching and EDE 499.

Indiana Licensing Requirements for Elementary Teachers
Successful completion of the Elementary Education Program enables a program graduate to be eligible for an initial K-6 Elementary Generalist teaching license and Early Literacy Endorsement. To be recommended for an Indiana State teaching license by the Teacher Licensing Advisor, a graduate must submit an on-line license application after meeting all state licensing requirements. The state licensing requirements include, but are not limited to:

- Proof of Suicide Prevention Training per licensing guidelines
- Proof of Human Trafficking Training per licensing guidelines
- Proof of Child Abuse and Neglect Training per licensing guidelines
- Official college transcript and proof of satisfactory completion of all college and elementary teacher education program requirements including a minor or concentration area

Note: Evidence of all the above plus proof of stated minor or concentration area must be on file at the Franklin College Education Department before an application for teacher licensing will be processed.

Elementary Education

The elementary teaching program is based on a broad general education background with a major in elementary education. The program is tightly structured. Consequently, interested students must work closely with their advisors to complete related-area requirements in a timely, sequential manner. Two immersive term internships are required for elementary education majors.

Elementary Education Major

Students must earn at least a "C"

Professional Education Requirements:

EDE 124 Critical Skills for Educators
EDU 210 Educational Philosophy, Law, & Ethics
EDE 222 Child Development and Educational Psychology
EDE 225 Standards-Based Planning & Digital Learning
EDE 230 Survey of Exceptional Children
EDE 235 Science of Reading I
EDU 315 Global Perspectives in the Elementary Classroom
EDE 337 Teaching Science-Elementary
EDE 344 Science of Reading II
EDE 345 Science of Reading III
EDE 346 Teaching Social Studies-Elementary
EDE 366 Elementary Mathematics Concepts and Pedagogy I
EDE 367 Elementary Mathematics Concepts and Pedagogy II
EDE 424 Teaching Health & Wellness-Elementary
EDE 430 Teaching Exceptional Children-Elementary
EDE 443 Interdisciplinary Unit Planning and Teaching: STEAM-Elementary
EDE 456 Seminar in Student Teaching

EDE 457 Assessment and Classroom Management-Elementary
EDE 499 Senior Competency Practicum

The following related courses

PSY 117 General Psychology
LA 103 Quantitative Reasoning or approved MAT prefix substitute (Not CMP 130)
LA 111 Public Speaking

Optional Coursework

EDU 401 CPR/AED/Heimlich Certification for Education Majors

Field Experiences: *A grade of Satisfactory "S" is required in all field experiences. Students must earn at least a grade of "C" in EST 489 Student Teaching. A student earning an Unsatisfactory "U" grade in any clinical field or internship course or failing to meet the expectations of the partner school is not eligible for program admission or continuation.*

EFE 284 Field Experience in Elementary Education
EFE 384 Field Experience in Elementary Education
EFE 385 Field Experience in Elementary Education
EFE 484 Field Experience in Elementary Education
EST 489 Student Teaching in Elementary Education

Immersive Term: *A grade of satisfactory "S" is required in all internships*

INE 200 Internship in Education
INE 300 Internship in Education

Elementary Education Major – Required Minor or Concentration

Acceptable college minors and concentration areas are those in the following areas: Language Arts, Mathematics, Science (Chemistry, Life Science, Physics), Social Studies (Economics, Government and Citizenship, Historical Perspectives, Psychology, Sociology), Physical Education, Health Education, Fine Arts (Instrumental and General Music, Theater Arts, Visual Arts, Vocal and General Music), World Languages (French, Spanish), Computer Education, and Journalism. A grade of "C" or better is required for any concentration or minor course. See section introduction for more information.

Education Course Descriptions

Elementary Education

EDE 124 Critical Skills for Educators		2 credit hours
Freshman year		

This course introduces students to the teaching profession, Indiana Educator Standards, and Indiana Academic Standards. It provides practical opportunities to develop essential skills and dispositions necessary to become an effective teacher. Special emphasis will be given to processes for students seeking teacher licensure and education department program expectations.

EDU 210: Educational Philosophy, Law, and Ethics		3 credit hours
Freshman or sophomore year	Civic Learning exploratory	

School professionals and education policymakers must understand the complex contexts in which students learn in U.S. schools. Accordingly, students in this course will consider the legal, social, and ethical challenges facing teachers and other school professionals. Students in the class will learn about significant legal frameworks that govern teaching and learning in U.S. schools and specific Indiana laws that are related to classroom instruction including: mandatory reporting of child abuse and neglect; morals instruction; good citizenship instruction; instruction on human sexuality or sexually transmitted diseases; access to materials relating to instruction on human sexuality, personal analysis; evaluation; or survey of students; consent and procedure for participation; and memorandums of understanding between school corporations or charter schools and community mental health centers or providers, referrals, diagnosis. Additional focus will examine professional competence in classroom teachers and school leadership. This course will survey historic and contemporary issues in school law, ethics, and educational philosophy.

EDE 222 Child Development and Educational Psychology		2 credit hours
Sophomore year		Prerequisites: EDE 124 and PSY 117 or consent of the instructor

This course explores typical and atypical patterns in human growth and development from conception through adolescence. Students will examine theories and research including cognitive, linguistic, social, physical, and emotional development. Students will learn how to implement developmentally appropriate and challenging curriculum in the classroom.

EDE 225 Standards-Based Planning & Digital Learning		2 credit hours
Sophomore year		Prerequisites: EDE 124, EDE 222, EDE 230, and INE 200 or consent of the instructor Corequisites: EDE 235 and EFE 284

This course introduces state and national P-12 academic standards as the basis for lesson planning and assessment in the elementary classroom. Students will examine research-based lesson plan designs and assessment tools used to measure instructional practices. Benefits of digital, online, hybrid, & onsite instruction will be explored with emphasis on how digital-age tools and environments influence learning processes and outcomes.

EDE 230 Survey of Exceptional Children		2 credit hours
Sophomore year		Prerequisites: EDE 124 and PSY 117 or consent of the instructor

This course focuses on developing an understanding of individual differences in an inclusive learning environment. Course content focuses on students with exceptional needs, recognition of the signs and symptoms of seizures and the appropriate steps to be taken to respond to these symptoms, students with disabilities and giftedness, and ways educators can help all learners achieve at high levels and reach their full potential.

EDE 235 Science of Reading I		4 credit hours
Sophomore year		Prerequisites: EDE 124, EDE 222, EDE 230, and INE 200 Corequisites: EDE 225 and EFE 284

This course, the first in a sequence of three courses (EDE 235, EDE 344, and EDE 345), focuses on methods for planning, delivering, and assessing reading instruction. Course content is grounded in Science of Reading practices and aligned with the Knowledge and Practice Standards of the International Dyslexia Association. Major theoretical, conceptual, and evidence-based components of reading development will be examined, including: concepts of print; phonological awareness, including phoneme awareness; phonics; fluency; vocabulary; text comprehension; and written expression. Foundations of language acquisition and literacy development, including cognitive, linguistic, cultural, social, and motivational factors that affect language acquisition and literacy development will be explored. Points of emphasis include direct, explicit, multi-sensory interventions and extensions; systematic assessment, observation, and documentation; and progress monitoring practices.

EDE 300 Topics in Elementary Education		1-3 credit hours

A topic of current interest in elementary education will be taught. Topics will vary depending on faculty interest. Course will be offered upon request of faculty member and with the approval of the Director of Teacher Education and the Vice President of Academic Affairs.

EDU 315 Global Perspectives in the Elementary Classroom		3 credit hours
Junior year	Comparative Perspectives Exploratory	Prerequisite: Admission to Elementary Education program Corequisites: EDE 344, EDE 366, and EFE 384

This course promotes curricular and instructional techniques and approaches for culturally diverse classrooms, including strategies for working with English Language Learners. Candidates will participate in bullying and suicide prevention training, education on homelessness- including signs of homelessness and steps to take when a homeless student is identified, examine and develop awareness of criminal gang organizations, and complete training on Human trafficking and Indiana youth. To promote overall student well-being, effective strategies for cross-cultural communication involving students and families will be discussed. Candidates experience opportunities to explore and learn various global perspectives including ideas, people, cultures, and biases that impact how teachers conceptualize the world.

EDE 337 Teaching Science-Elementary		4 credit hours
Junior year		Prerequisite: Admission to the Elementary Education program, EDU 315, EDE 344, EDE 366, and EFE 384 Corequisite: EDE 345, EDE 346, EDE 367, and EFE 385

This course focuses on methods for planning, delivering, and assessing evidence-based science instruction that fosters students' understanding of the natural sciences: physical science, life science, and earth science. Candidates will prepare and teach elementary science lesson plans based on state and national standards. Points of emphasis include hands-on experiences, inquiry, and practice.

EDE 344 Science of Reading II		4 credit hours
Junior year		Prerequisite: Admission to the Elementary Education program Corequisites: EDU 315, EDE 366, and EFE 384

This course, the second in a sequence of three courses (EDE 235, EDE 344, and EDE 345), focuses on methods for planning, delivering, and assessing reading instruction. Course content is grounded in Science of Reading practices and aligned with the Knowledge and Practice Standards of the International Dyslexia Association. Major theoretical, conceptual, and evidence-based components of reading development will be examined, including: concepts of print; phonological awareness, including phoneme awareness; phonics; fluency; vocabulary; text comprehension; and written expression. Foundations of language acquisition and literacy development, including cognitive, linguistic, cultural, social, and motivational factors that affect language acquisition and literacy development will be explored. Points of emphasis include direct, explicit, multi-sensory interventions and extensions; systematic assessment, observation, and documentation; and progress monitoring practices.

EDE 345 Science of Reading III		4 credit hours
Junior year		Prerequisites: Admission to the Elementary Education program EDE 344, EDE 366, & EFE 384 Corequisites: EDE 337, EDE 346, EDE 367, and EFE 385

This course, the third in a sequence of three courses (EDE 235, EDE 344, and EDE 345), focuses on methods for planning, delivering, and assessing reading instruction. Course content is grounded in Science of Reading practices and aligned with the Knowledge and Practice Standards of the International Dyslexia Association. Major theoretical, conceptual, and evidence-based components of reading development will be examined, including: concepts of print; phonological awareness, including phoneme awareness; phonics; fluency; vocabulary; text comprehension; and written expression. Foundations of language acquisition and literacy development, including cognitive, linguistic, cultural, social, and motivational factors that affect language acquisition and literacy development will be explored. Points of emphasis include direct, explicit, multi-sensory interventions and extensions; systematic assessment, observation, and documentation; and progress monitoring practices.

EDE 346 Teaching Social Studies-Elementary		4 credit hours
Junior year		Prerequisites: Admission to Elementary Education program, EDU 315, EDE 344, EDE 366, & EFE 384 Corequisites: EDE 337, EDE 345, EDE 367, and EFE 385

This course focuses on methods for planning, delivering, and assessing evidence-based social studies lessons that foster students' understanding of the disciplines of history, civics, economics, and geography. Candidates will prepare and teach elementary social studies lesson plans based on state and national standards. Points of emphasis include major milestones in U.S. history, world history, and the history of Indiana.

EDE 366 Elementary Mathematics Concepts & Pedagogy I		5 credit hours
Junior year		Prerequisite: Admission to Elementary Education program Corequisites: EDU 315, EDE 344, and EFE 384

This course, the first of two, focuses on developing a strong conceptual understanding of math concepts while utilizing pedagogical knowledge to effectively teach those concepts. Areas of focus include: numbers and operations, data analysis and probability, and utilizing scientifically based mathematics pedagogy to prepare, teach, and assess elementary students' understanding of mathematics. Points of discussion and application include: assessment techniques, problem-solving skills, use of manipulatives, and the development of student-centered learning environments.

EDE 367 Elementary Mathematics Concepts & Pedagogy II		5 credit hours
Junior year		Prerequisites: Admission to Elementary Education program, EDU 315, EDE 344, EDE 366, and EFE 384 Corequisites: EDE 337, EDE 345, EDE 346, and EFE 385

This course, the second of two, focuses on developing a strong conceptual understanding of math concepts while utilizing pedagogical knowledge to effectively teach those concepts. Areas of focus include: numbers and operations, algebraic thinking, geometry and measurement, and utilizing scientifically based mathematics pedagogy to prepare, teach, and assess elementary students' understanding of mathematics. Points of discussion and application include: assessment techniques, problem-solving skills, use of manipulatives, and the development of student-centered learning environments.

EDU 401 CPR/AED/Heimlich Certification for Education Majors		1 credit hour
Senior year		Prerequisite: Admission to Elementary Education Program or consent of the instructor

This American Red Cross certification class is an opportunity for graduating education majors to meet the Indiana Department of Education licensing requirement IC 20-28-5-3(c) which requires applicants to hold a valid certification in each of the following procedures: 1) cardiopulmonary resuscitation that includes a test demonstration on a mannequin, 2) removing a foreign body causing an obstruction in an airway, and the Heimlich Maneuver; and 3) the use of an automated external defibrillator (AED). Course fee $35.

EDE 424 Teaching Health & Wellness-Elementary		2 credit hours
Senior year		Prerequisites: Admission to the Elementary Education program and all courses required in the major *except* EDE 456, EDE 499, INE 300, and EST 489 Corequisites: EDE 430, EDE 443, EDE 457, and EFE 484

This course focuses on methods for planning, delivering, and assessing evidence-based lesson plans that foster elementary students' understanding of health and wellness. Candidates will prepare and teach health and wellness lesson plans based on state and national standards. Points of emphasis include motivational techniques and the unique contributions of health and physical education as they relate to the total development of the elementary child.

EDE 430 Teaching Exceptional Children-Elementary		2 credit hours
Senior year		Prerequisites: Admission to Elementary Education program and all courses required in the major *except* EDE 456, EDE 499, INE 300, and EST 489 Corequisites: EDE 424, EDE 443, EDE 457, and EFE 484

This course focuses on current issues and practices in the inclusive elementary classroom setting. Topics include: Multi-Tiered Systems of Support; educational law; evaluation procedures; building collaborative relationships; positive behavioral interventions, discipline, and supports; teaching strategies to differentiate academic, social and behavioral needs for a diverse group of learners; and evidence-based trauma informed classroom instruction.

EDE 443 Interdisciplinary Unit Planning and Teaching: STEAM-Elementary		2 credit hours
Senior year		Prerequisites: Admission to Elementary Education program and all courses required in the major *except* EDE 456, EDE 499, INE 300, and EST 489 Corequisites: EDE 424, EDE 430, EDE 457, and EFE 484

This course focuses on methods for planning, delivering, and assessing evidence-based STEAM instruction that fosters candidates' understanding of science, technology, engineering, art, and mathematics. Candidates will prepare and teach STEAM lesson plans based on state and national standards. Points of emphasis include interdisciplinary unit planning, scientific inquiry, and the unifying concepts across STEAM content areas.

EDE 456 Seminar in Student Teaching		1 credit hour
Senior year		Prerequisite: Acceptance for Student Teaching program Corequisites: EDE 499 and EST 489

Taken concurrently with student teaching, this course supports candidates' transitions from the role of a college student to the role of a professional educator. Points of emphasis include the state teacher evaluation process, collaboration strategies with families and communities, job-embedded professional development, PLCs, and job-seeking strategies.

EDE 457 Assessment and Classroom Management-Elementary		2 credit hours
Senior year		Prerequisites: Admission to Elementary Education Program and all courses required in the major *except* EDE 456, EDE 499, INE 300, and EST 489 Corequisites: EDE 424, EDE 430, EDE 443, and EFE 484

This course explores the fundamental concepts and strategies that support effective assessment and classroom management. Candidates will prepare evidence-based assessment plans and classroom management plans for their intended level of licensure. Points of emphasis include formative and summative assessments, the use of MTSS/RTI to track and support student learning, and effective classroom management strategies.

EDE 490 Independent Study		1-2 credit hours
		Prerequisite: offered with consent of instructor

Courses are designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

EDE 499 Senior Competency Practicum		No credit
Senior year		Corequisites: EDE 456 and EST 489

Completion of Senior Competency Practicum with a grade of "C" or higher.

EFE 284 Field Experience in Elementary Education		1 credit hour
Sophomore year		Prerequisites: EDE 124 or consent of the instructor and INE 200 Corequisites: EDE 225 and EDE 235

Active participation in an elementary classroom one full day each week across 12 weeks. Special emphasis is given to observation of general teaching and management principles.

EFE 384 Field Experience in Elementary Education		1 credit hour
Junior year		Prerequisite: Admission to the Elementary Education program Corequisites: EDU 315, EDE 344, & EDE 366

Active participation in an elementary classroom one full day each week across 12 weeks. Special emphasis is given to beginning instructional delivery practices (facilitating learning activities) for elementary school learners.

EFE 385 Field Experience in Elementary Education		1 credit hour
Junior year		Prerequisites: Admission to the Elementary Education program & EFE 384 Corequisites: EDE 337, EDE 345, EDE 346, and EDE 367

Active participation in an elementary classroom one full day each week across 12 weeks. Special emphasis is given to more advanced proficiency in the instructional delivery of learning activities for elementary school learners.

EFE 484 Field Experience in Elementary Education		1 credit hour
Senior year		Prerequisites: Admission to Elementary Education program, EFE 384, and EFE 385 Corequisites: EDE 424, EDE 430, EDE 443, and EDE 457

Active participation in an elementary classroom one full day each week across 12 weeks. Special emphasis is placed on the total school environment; teaching and decision-making skills in preparation for student teaching; and digital learning opportunities.

EST 489 Student Teaching in the Elementary Classroom		11 credit hours
Senior year		Prerequisite: Acceptance for Student Teaching Corequisites: EDE 456 and EDE 499

Classroom teaching and other activities under the guidance of the cooperating teacher, the college supervisor, and coordinator of field experiences. The minimum 10-week experience will provide the capstone experience and will focus upon an appropriate broad, integrated, and multi-disciplinary approach to teaching.

INE 200 Internship in Education		3 credit hours
Sophomore year		Prerequisites: EDE 124 or consent of the Coordinator of Field Experiences

Required for the Elementary Education major, this course fulfills one college immersive experience requirement. Full-time classroom observation and participation in a partner school's grade K-6 classroom under the supervision of a cooperating teacher and a college supervisor. Immersive term placements are made through the Education Department Coordinator of Field Experiences.

INE 300 Internship in Education		3 credit hours
Junior year		Prerequisite: Admission to Elementary Education Program and INE 200

The second of two required internships for the Elementary Education major, this course fulfils one college immersive experience requirement. Full-time classroom observation and participation in a partner school's grade K-6 classroom under the supervision of a cooperating teacher and a college supervisor. Immersive term placements are made through the Education Department Coordinator of Field Experiences.

INE 400 Internship in Education		3 credit hours
Senior year		Prerequisites: Admission to Elementary Education Program, INE 200, and INE 300

The third immersive internship is available to Elementary Education majors. This course fulfills one college immersive experience requirement. Full-time classroom observation and participation in a partner school's grade K-6 classroom under the supervision of a cooperating teacher and a college supervisor. Immersive term placements are made through the Education Department Coordinator of Field Experiences.

INEC 400 International Internship in Education		3 credit hours
Junior or senior year		Prerequisite: Admission to the Elementary Education program

Full-time study during immersive term, active participation in a classroom setting and travel under the supervision of a college professor. Special emphasis is given to international cultural experiences. This internship counts as an international course. Expenses are separate from regular tuition.

Engineering
Cooperative Program in Engineering with Witchger School of Engineering at Marian University

Cooperative Advisor: J. Boardman (jboardman@franklincollege.edu)

Franklin College maintains a cooperative 5-year program with the Witchger School of Engineering at Marian University. Students in this program earn a B.A. degree from Franklin College in Applied Mathematics and a B.S. degree from Marian University in one of four engineering fields, typically in the span of five years. The engineering degrees available through this program are:

Chemical Engineering (B.S.)
Civil Engineering (B.S.)
Computer Engineering (B.S.)
Mechanical Engineering (B.S.)

Students will declare a major in Applied Mathematics and follow that degree program as stated in the catalog. Students with a declared enrollment in the engineering program will be given priority during registration in subsequent semester(s).

Students following the engineering program will be required to make certain selections in their liberal arts core and for major courses currently listed as electives in order to satisfy the engineering requirements at Marian University. Those choices are as follows:

Chemical Engineering

CHE 121 & 123 General Chemistry I and Lab
CHE 122 & 124 General Chemistry II and Lab
ECO 121 Principles of Microeconomics
PHY 211 & 203 General Physics I-Calculus and Lab
PHY 212 & 204 General Physics II-Calculus and Lab
EITHER
PSY 117 General Psychology **OR**
SOC 118 Introduction to Sociology

Civil Engineering

CHE 121 & 123 General Chemistry I and Lab
ECO 121 Principles of Microeconomics
PHY 211 & 203 General Physics I-Calculus and Lab
PHY 212 & 204 General Physics II-Calculus and Lab
EITHER
PSY 117 General Psychology **OR**
SOC 118 Introduction to Sociology

Computer Engineering

CHE 121 & 123 General Chemistry I and Lab
ECO 121 Principles of Microeconomics
PHY 211 & 203 General Physics I-Calculus and Lab

EITHER

PSY 117 General Psychology **OR**
SOC 118 Introduction to Sociology

Mechanical Engineering

CHE 121 & 123 General Chemistry I and Lab
ECO 121 Principles of Microeconomics
PHY 211 & 203 General Physics I-Calculus and Lab
PHY 212 & 204 General Physics II-Calculus and Lab
EITHER

PSY 117 General Psychology **OR**
SOC 118 Introduction to Sociology

For students intending on pursuing Chemical, Civil, Computer, and Mechanical Engineering degrees and who are therefore majoring in Applied Mathematics:

- The courses indicated in the tables above satisfy the "9 additional credit hours" requirement for the major.
- EGR 156 Intro to CAD taken at Marian University will be accepted as fulfilling the "One of the following courses" requirement in the related field for the major.
- PDP 200 Preparing for Your Internship is waived as a requirement for the Applied Mathematics degree for students in the engineering program.
- INT 261 may be satisfied by an internship in engineering done through Marian University if the student chooses.

Information on specific coursework in these programs is available at: https://www.marian.edu/school-of-engineering/

During the sophomore in the engineering program at Franklin College, students take one course each semester at Marian University through the Consortium for Urban Education (CUE), also referred to as cross-registration. These courses are limited in seating and need to be requested through the Academic Records Office at Franklin College well in advance. (CUE requests are not processed at the hosting schools until their students have completed registration.) Member schools of the consortium require a student to enroll through their home school (Franklin College) and pay all tuition and fees through the student's home school. Any other fees and books for the CUE courses are the responsibility of the student.

Students will not receive a transcript from the host institution; instead the grade is sent to the Academic Records Office at Franklin College to be recorded on the Franklin College transcript and is entered as a grade; however, the student's GPA is not impacted by courses taken off campus.

If a student's request for cross-registration gets denied for any reason, please see Dr. John Boardman immediately. All questions regarding CUE/cross registration should be directed to the Associate Registrar in the Academic Records Office.

English and Creative Writing

Department: English
Department Chair: G. Phillips
Department Members: E. Banks, K. Burpo, S. Crisafulli, R. Erable, T. Franco, A. James, G. Phillips

Major: English, Creative Writing
Minors: English, Creative Writing, Professional Writing

The English and creative writing majors are designed to develop students who can read, write, speak, and argue intelligently and sensitively, and who know the great artistic achievements and profound insights into human experience which our literary heritage provides. Both majors call for extensive preparatory work in the foundations of writing and literature, particularly British and American. Upper-division courses offer specialized work in periods, genres, literary research and scholarship, written expression, and the history and structure of English. Students who complete these majors develop proficiency in reading, writing, and thinking critically, and have a well-rounded knowledge of English literature; thus, they acquire the skills needed to pursue a variety of graduate programs and/or a variety of careers—such as in public service, business, law, education, and publishing.

English Major (41-44 hours)

English majors must earn a *C* or better in LA 201 and ENG 210. They must earn a *C-* or better in all other ENG and prerequisite courses.

Core Requirements

ENG 117 World Literature I
ENG 118 World Literature II
ENG 210 Intro to Literary Research
ENG 410 Senior Seminar
ENG 485 Communication Consulting Project
ENG 499 Senior Competency Practicum

One course from each of the following categories

Category A: Topics in Literature

ENG 231 Global Literature
ENG 232 Greek Literature
ENG 234 African American Literature
ENG 235 Native North American Literature
ENG 236 Gender & Sexuality in Literature
ENG 238 American Minority Literature

Category B: Language

CWR 150 Introduction to Creative Writing
ENG 224 Introduction to Linguistics
ENG 227 Advanced Grammar
ENG 228 Advanced Composition

Category C: Pre-1800 Historical & Cultural Contexts

ENG 307 Early Modern & Enlightenment Literature
ENG 308 Medieval Literature
ENG 333 Shakespeare
ENG 355 Early American Literature

Category D: Post-1800 Historical & Cultural Contexts

ENG 312 Romantic & Victorian British Literature
ENG 314 Modern & Contemporary British Literature
ENG 359 Realist & Modernist American Literature
ENG 360 Contemporary American Literature

Additional Required Coursework

English majors are required to take an additional three to four credits at the 300-level in ENG, or at the 200-level or higher in CWR or THE, or in the Apogee courses (please note that students are not guaranteed a place on the Editorial Board, which is a requirement for CWR 002 and CWR 211). Choices include the category courses above, plus:

ENG 300 Topics in English
ENG 375 Dramatic Literature I
ENG 376 Dramatic Literature II
CWR 001 Apogee Editing Staff
CWR 002 Apogee Editorial Board
CWR 111 Apogee Publishing
CWR 211 Apogee Publishing Leadership
CWR 270 Fiction Workshop
CWR 280 Poetry Workshop
CWR 290 Creative Nonfiction
THE 245 Playwriting

Students may also count toward the English major one four-credit, upper-level French or Spanish literature course; this course will count as four undistributed ENG credit hours.

Professional Development Requirements

ENG 385 Professional Development in English

One of the following courses

ENG 482 English Practicum (approved as a PDP experience for 2-4 hours)
SNR/SNT 489 (ENG) Professional Development Experience in English

Related Field Requirement

Twelve semester hours from related fields are to be selected in consultation with the student's departmental advisor. (Note: The agreed list of courses must be submitted to the Academic Records Office, in writing, by the academic advisor). English majors may use the Creative Writing major or minor as a related field. All related field requirements must be completed with a grade of *C*- or better.

Creative Writing Major (44-48 hours)

Creative Writing majors must earn a *C* or better in CWR 150, LA 201, and ENG 210. They must earn a *C*- or better in all other CWR, ENG, and prerequisite courses.

Core Requirements

CWR 001 Apogee Editing Staff (required before senior year)
CWR 111 Apogee Publishing (required before senior year)
CWR 150 Introduction to Creative Writing
CWR 410 Senior Seminar
CWR 499 Senior Competency Practicum
ENG 117 OR ENG 118 World Literature
ENG 210 Introduction to Literary Research

Plus THREE of the following courses

CWR 270 Fiction Workshop
CWR 280 Poetry Workshop
CWR 290 Creative Nonfiction
CWR 371 Topics in Fiction
CWR 381 Topics in Poetry
THE 245 Playwriting

Two of the following courses

ENG 307 Early Modern & Enlightenment Literature
ENG 308 Medieval Literature
ENG 312 Romantic & Victorian British Literature
ENG 314 Modern & Contemporary British Literature
ENG 333 Shakespeare
ENG 355 Early American Literature
ENG 359 Realist & Modernist American Literature
ENG 360 Contemporary American Literature

Additional Required Coursework

Creative Writing majors are required to take one additional course at the 200-level or higher in ENG or CWR. Choices may include those listed above (including THE 245).

Professional Development Requirements

CWR 385 Professional Development in Creative Writing

Plus ONE of the following courses

CWR 482 Creative Writing Practicum (approved as a PDP experience for 2-4 credits)
SNR/SNT 489 (CWR) Professional Development Experience in Creative Writing

Related field requirement

Twelve semester hours from related fields are to be selected in consultation with the student's departmental advisor. (Note: The agreed list of courses must be submitted to the Academic Records Office, in writing, by the academic advisor). Creative Writing majors may use the English major or minor as a related field. All related field requirements must be completed with a grade of *C*- or better.

English Minor (20 hours)

English minors must earn a *C* or better in LA 201 and ENG 210. They must earn a *C*- or better in all other ENG and prerequisite courses.

Core Requirements

ENG 117 World Literature I
ENG 118 World Literature II
ENG 210 Introduction to Literary Research

Additional required coursework

An additional 8 hours of ENG coursework, at least 4 of which must be in a 300-level or higher literature course.

Creative Writing Minor (18-20 hours)

Creative Writing minors must earn a *C* or better in CWR 150. They must earn a *C*- or better in all other CWR, ENG, and prerequisite courses.

Core Requirements

CWR 150 Introduction to Creative Writing

TWO of the following courses

CWR 270 Fiction Workshop
CWR 280 Poetry Workshop
CWR 290 Creative Nonfiction
THE 245 Playwriting

Additional Required Coursework

Creative writing minors are required to take an additional 7-8 hours of ENG course work at the 200-level or higher.

Professional Writing Minor (15-17 hours)

Core Requirements

ENG 227 Advanced Grammar
ENG 485 Communications Consulting Project

ONE of the following courses

CWR 150 Introduction to Creative Writing
ENG 228 Advanced Composition

TWO of the following courses

CWR 001 Apogee Editing Staff
CWR 111 Apogee Publishing
MMJ 115 Reporting, Interviewing, and Newswriting
MMJ 135 Editing for Print and Online

English Course Descriptions

ENG 115 Writing Center Theory and Practice		1 credit hour
Fall		Prereq: Sophomore standing and approval of Academic Resource Center & Write Place Directors

Preparation for students to work as associates in the Write Place. Includes readings on the fundamentals of tutoring writing, short writing assignments, and meetings that center on discussion of writing center theory and practice.

ENG 117 World Literature I		4 credit hours
Fall	International exploratory	

Reading and analysis of selected major literary works from ancient times through the Renaissance.

ENG 118 World Literature II		4 credit hours
Spring	International exploratory	

Reading and analysis of selected major literary works from around the world from the 17th century to the present.

ENG 210 Introduction to Literary Research		4 credit hours
Spring		Prereq: a grade of C or above in LA 201

An introduction to the fundamentals of literary research, including locating, annotating, and explicating sources; creating a research proposal and annotated bibliography; and writing a research paper. Emphasis will also be on understanding and applying literary terminology. *(English and Creative Writing majors and English minors must complete the course with a C or better. Note that the minimum grade required for LA 201 and ENG 210 is different from other courses in the major.)* Preferably sophomore year.

ENG 224 Introduction to Linguistics		4 credit hours
Spring, even academic years		

A theoretical and practical examination of the ways in which human beings use and understand language in social contexts.

ENG 227 Advanced Grammar		4 credit hours
Spring, odd academic years		Prereq: sophomore standing

Intensive examination of grammar and syntactic systems of the English language.

ENG 228 Advanced Composition		4 credit hours
Fall, odd academic years		Prereq: LA 201

An advanced examination of the theory and practice of current written English. Focus will be on the development of critical writing abilities through the various means of argumentation and through the development of an individual style and voice.

ENG 231 Global Literature		4 credit hours
Fall, odd academic years	International exploratory	Prereq or Coreq: LA 101

Reading and analysis of selected literary works from a particular region of the globe.

ENG 232 Greek Literature		4 credit hours
Spring, odd academic years	International exploratory	Prereq or Coreq: LA 101

A social and cultural examination of some of the greatest works of the ancient Greek world from the 8th century BCE to the 4th century BCE.

ENG 234 African American Literature		4 credit hours
Spring, even academic years	Comparative Perspectives exploratory	Prereq or Coreq: LA 101

Reading and analysis of selected African American literary works.

ENG 235 Native North American Literature		4 credit hours
On demand	Comparative Perspectives exploratory	Prereq or Coreq: LA 101

A study of multicultural novels, plays, short stories and poems by Native American and First Nations authors, exploring the North American experiences and literatures of Native peoples.

ENG 236 Gender and Sexuality in Literature		4 credit hours
Fall, even academic years	Comparative Perspectives exploratory	Prereq or Coreq: LA 101

Reading and analysis of selected works through the lens of gender and sexuality. Same as WST 236.

ENG 238 American Minority Literature		4 credit hours
On demand	Comparative Perspectives exploratory	Prereq or Coreq: LA 101

An examination of minority voices in American literature.

ENG 300 Topics in English		4 credit hours

A topic of current interest in English will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

ENG 307 Early Modern and Enlightenment Literature		4 credit hours
Fall, even academic years		Prereq: ENG 117 & grade of C or higher in ENG 210

A broad overview of British Renaissance and Enlightenment literatures from the sixteenth century through the eighteenth century.

ENG 308 Medieval Literature		4 credit hours
Spring, odd academic years		Prereq: ENG 117 & grade of C or higher in ENG 210

A broad overview of English literature from its Anglo-Saxon beginnings through the 15th century.

ENG 312 Romantic and Victorian British Literature		4 credit hours
Spring, even academic years		Prereq: ENG 118 & a grade of C or higher in ENG 210

A study of selected works from ca. 1789-1914, including the Romantic, Victorian, and early modernist periods of British literature**.** Attention will be paid to the revolutions in poetry, the development of the novel into a significant art form, and the interrelationship of social and political concerns and aesthetic form.

ENG 314 Modern & Contemporary British Literature		4 credit hours
Fall, odd academic years		Prereq: ENG 118 & a grade of C or higher in ENG 210

A close examination of some of the most significant and innovative literature from Britain and the Commonwealth since 1914. Attention will be paid to the inseparability of idea and technique and to the ways that the authors engage the readers in a collaborative creation of the text.

ENG 333 Shakespeare		4 credit hours
Spring, even academic years		Prereq: ENG 117 or THE 125

A study of some of Shakespeare's major comedies, tragedies, and histories. Attention will be paid to Shakespeare's poetry, dramaturgy, and vision of the human experience.

ENG 355 Early American Literature		4 credit hours
Fall, odd academic years		Prereq: ENG 117 or ENG 118 & a grade of C or higher in ENG 210

An examination of American literature from its beginnings and through the American Renaissance, concentrating on the Transcendentalist and Romantic movements.

ENG 359 American Realist and Modernist Literature		4 credit hours
Spring, odd academic years		Prereq: ENG 118 & a grade of C or higher in ENG 210

A study of the literary movements from the Civil War to 1950, paying particular attention to experimentation with language and form to create innovative modes of expression in poetry, the novel, and the short story.

ENG 360 Contemporary American Literature		4 credit hours
Fall, even academic years		Prereq: ENG 118 & a grade of C or higher in ENG 210

An examination of important works representing artistic and thematic trends in post-World War II American literature.

ENG 375 Dramatic Literature I		4 credit hours
Fall, odd academic years		Prereq: ENG 117, LA 201, THE 110, or THE 125 or consent of the instructor

Reading and analysis of selected significant plays from ancient times through the Renaissance. Same as THE 375.

ENG 376 Dramatic Literature II		4 credit hours
Spring, odd academic years	Comparative Perspectives exploratory	Prereq: ENG 118, LA 201, THE 110, or THE 125 or consent of the instructor

Reading and analysis of selected significant plays from around the world from the 17th century to the present. As a comparative perspectives exploratory, this course will focus primarily on plays featuring characters and/or playwrights of diverse backgrounds and identities. Same as THE 376.

ENG 385 Professional Development in English		1 credit hour
Fall, junior year		Co-req: SNT 489, ENG 482, or CWR 482

A course designed to help students succeed in their internships. Readings and discussions center on professionalism, negotiation, communication skills, and fostering collegiality, as well as the relationship between the internship and future career plans. Same as CWR 385. Junior year.

ENG 410 Senior Seminar		4 credit hours
Fall, senior year		Prereq: At least two 300-level courses from Category C and/or D

Senior capstone course focusing on undergraduate research. Under faculty supervision, students will significantly revise a major writing project from a 300-level course into an expanded and more fully researched undergraduate thesis. Students will also write reflections and will publicly present their project or a narrative of their research process.

ENG 482 English Practicum		2-4 credit hours
		Prereq: instructor permission

A supervised, pre-approved experience that allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic year**.** Students with junior or senior standing who wish ENG 482 to count as the required Professional Development Experience in English (SNR/SNT 489 [ENG]) must gain departmental approval of their proposal.

ENG 485 Communications Consulting Project		3 credit hours
Fall, senior year	Civic Learning exploratory	Prereq: LA 201 and senior standing or with instructor permission

An examination of the ways in which students can apply their skills in the workplace and serve their communities. Students will work in teams on communications projects for a local nonprofit or similar organization. Special emphasis given to professional development skills, particularly communication, project management, and consulting. Same as NPL 485.

ENG 490 Independent Study		1-2 credit hours
		Prereq: instructor permission

Courses are designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

ENG 499 Senior Competency Practicum		No credit
Spring, senior year		Prereq: ENG 410 (or as coreq with instructor permission)

Students in ENG 499 publicly present their ENG 410 research paper or present their research paper along with a discussion of their research process.

SNR/SNT 489 Professional Development Experience in English		2-4 credit hours
Fall, junior year		Prereq: junior or senior standing Coreq: ENG 385

An internship experience related to the field of English that calls upon skills in critical thinking, writing, reading, and analysis. Pass-Fail.

Creative Writing Course Descriptions

CWR 001 Apogee Editing Staff		1 activity credit
Fall		

An introduction to the process of editing a literary magazine, including the selection process, advertising, and editing.

CWR 002 Apogee Editorial Board		1 activity credit
Fall		Prereq: Consent of the instructor

The development of leadership skills in editing a literary magazine, including organizing the selection process, advertising, and editing.

CWR 111 Apogee Publishing		3 credit hours
Spring		

An introduction to the process of publishing a literary magazine, including magazine layout, communication with writers and various professional partners, organizing a reading, and producing a final product.

CWR 150 Introduction to Creative Writing		4 credit hours
Fall	Creative Arts exploratory	

An introduction to the techniques of writing well-crafted creative nonfiction, fiction, and poetry with attention to close reading, literary citizenship, and peer critique. *Concurrent or prior enrollment in LA 101 recommended but not required. (Creative Writing majors must complete the course with a "C" or better.)*

CWR 211 Apogee Publishing Leadership		4 credit hours
Spring		Prereq: Consent of the instructor

The development of leadership skills in publishing a literary magazine, including magazine layout, communication with writers and various professional partners, organizing a reading, and producing a final product.

CWR 270 Fiction Workshop		4 credit hours
Spring, even academic years		Prereq: CWR 150 or consent of instructor

A creative writing workshop in fiction. There will be extensive reading and writing in the genre, with an emphasis on craft, form, and peer critique.

CWR 280 Poetry Workshop		4 credit hours
Fall, odd academic years		Prereq: CWR 150 or consent of instructor

A creative writing workshop in poetry. There will be extensive reading and writing in the genre, with an emphasis on craft, form, and peer critique.

CWR 290 Creative Nonfiction		4 credit hours
Fall, even academic years		Prereq: CWR 150 or consent of the instructor

A creative writing workshop in creative nonfiction. There will be extensive reading and writing in the genre, with an emphasis on craft, form, and peer critique.

CWR 300 Topics in Creative Writing		4 credit hours

A topic of current interest in creative writing will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

CWR 371 Topics in Fiction		4 credit hours
Fall, odd academic years		Prereq: CWR 150

A fiction writing workshop in form or topic, chosen by the instructor. Examples include, but are not limited to: dystopian, mystery & horror, magical realism, novella, and historical fiction.

CWR 381 Topics in Poetry		4 credit hours
Spring, odd academic years		Prereq: CWR 150

A creative writing workshop in poetic form or topic, chosen by the instructor. Examples include, but are not limited to: ekphrasis, longform, prose poetry, ecopoetry, imitative poetry, and formal poetry.

CWR 385 Professional Development in Creative Writing		1 credit hour
Fall, junior year		Co-req: SNT 489, ENG 482, or CWR 482

A course designed to help students succeed in their internships. Readings and discussions center on professionalism, negotiation, communication skills, and fostering collegiality, as well as the relationship between the internship and future career plans. Same as ENG 385. Junior year.

CWR 410 Senior Seminar		4 credit hours
Spring, senior year		

The senior capstone for creative writers in which students will workshop and revise a senior thesis portfolio to be presented on Scholars' Day.

CWR 482 Creative Writing Practicum		2-4 credit hours
		Prereq: instructor permission

A supervised, pre-approved experience that allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic year**.** Students with junior or senior standing who wish CWR 482 to count as the required Professional Development Experience in Creative Writing (SNR/SNT 489 [CWR]) must gain departmental approval of their proposal.

CWR 490 Independent Study		1-2 credit hours
		Prereq: instructor permission

Courses are designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

CWR 499 Senior Competency Practicum		No credit
Spring		

Students will publicly present their senior thesis portfolio.

SNR/SNT 489 Professional Development Experience in Creative Writing		2-4 credit hours
Fall, junior year		Prereq: junior or senior standing Coreq: CWR 385

An internship experience related to the field of creative writing that calls upon skills in critical thinking, writing, reading, and analysis. Pass-Fail.

Exercise Science

Department Chair: K. Noerr
Department Members: M. Britner, L. Deppe, K. Eiler, S. Kahl, S. Linette, K. Noerr, A. Pieroni

Major: Exercise Science, Sports and Fitness Management
Minors: Fitness, Coaching, Strength and Conditioning

Exercise science explores the intricate study of how the human body responds and adapts to movement. Our dynamic program offers immersive, hands-on experiences within clinical and community settings, empowering students to actively engage in delivering exercise-related services to diverse populations.

Throughout our curriculum, students gain comprehensive insights into the interplay between physical activity, functional capacity, and health across all stages of life. This knowledge forms a robust foundation, enabling graduates to skillfully navigate roles in exercise testing, prescription, and intervention across various clinical environments, including health clubs, corporate fitness facilities, strength and conditioning training centers, and specialized cardiac rehabilitation units.

Beyond immediate career prospects, an exercise science degree from Franklin College serves as a springboard for further academic pursuits. It provides a sturdy groundwork for advanced studies in related fields such as physical therapy, occupational therapy, biomechanics, nutrition, exercise physiology, sports medicine, chiropractic care, and other healthcare disciplines.

Exercise science majors must complete EXE 119, EXE 208, EXE 234, ANAT 210 with a "C-" or better before enrolling in most EXE 300 or 400-level courses in the department. Students must maintain a "C-" or better in all EXE courses.

3+2 Program in Exercise Science and Athletic Training
Franklin College offers an accelerated Master of Science in Athletic Training (MSAT) track in the form of a combined Bachelor of Arts in Exercise Science and Master of Science in Athletic Training, with the potential to complete both degrees in five years. This cooperative program consists of common core and specific courses required for each particular program, in addition to specific pre-requisites for application to the MSAT program. Students may apply for early admittance to the MSAT program as a freshman or sophomore by May 1st, or as a junior by spring break. Students accepted to the MSAT in their fourth year are considered graduate students and take primarily MSAT graduate courses, while also finishing any required undergraduate courses. After completing three years of undergraduate courses and one year in the MSAT program, students graduate with a Bachelor of Arts degree in Exercise Science from Franklin College. After completing the second year in the MSAT program, students graduate with their Master's in Athletic Training.

Students interested in this option must remain in on track in the exercise science curriculum and should apply to the MSAT program by spring break of their junior year to meet the early admission deadline for the MSAT program. Students may also apply to the MSAT program as a non-early admit. Please refer to the Master of Science in Athletic Training section of this catalog for more details.

Transportation to Engaged Learning Sites

The Exercise Science Program will include service learning, experiential learning and internships. Many engaged learning opportunities will be off-campus for more varied experiences. Students in the Exercise Science Program are expected to have access to transportation to engaged learning sites and partnerships.

Exercise Science Program Expenses

The students within the exercise science major will incur additional expenses outside of the typical college costs. Please see below for expected costs within the exercise science major:

Type of Expense	Expected Time of Expense	Approximate Fee
TB test and vaccinations*	If required by specific engaged learning sites, typically hospital settings	$5 - $70
Professional attire, specifically FC Exercise Science polo	During entire program	Varies
Background check*	If required by specific engaged learning sites, typically school systems	$7 - 25
Transportation to off-campus engaged learning sites	During entire program	Varies
First Aid and CPR recertification	Bi-annually for CPR and First Aid	$45 for each certification
Exercise Science essential clinical equipment: stethoscope, sphygmomanometer, pedometer, tape measure, and skinfold caliper	Transfer students who transfer in credit from another institution for EXE 234 will be expected to have the equipment used in EXE 234. Students in the Exercise Science Program are expected to keep the equipment from EXE 234 throughout the duration of the program in functioning condition.	$110-175
NSCA CSCS or ACSM EP-C certification examination*	Spring of graduation year	NSCA $260-445 ACSM $219-279

*Some expenses may be optional based on the career goals of the student.

Cooperative Program in Exercise Science

Franklin College maintains a cooperative "3+1" program with the University of Indianapolis School of Nursing (UIndy). Students in this program earn a Bachelor of Arts degree from Franklin College in a chosen major and a Bachelor of Science in Nursing (BSN) degree from UIndy. Upon successful completion of all Franklin College requirements (3 years) and the first year of courses at UIndy (1 year), students will receive a B.A. degree from Franklin College. At the completion of the remaining courses at UIndy (3 months), students will receive the B.S.N. degree from UIndy.

Students will declare a major in Biology, Chemistry & Physics, Exercise Science, Psychology, or other applicable major and follow that degree program as stated in the catalog. See the Nursing section of this catalog for more details.

Students following the 3+1 program will be required to make certain selections in their liberal arts curriculum to satisfy the prerequisite nursing requirements at UIndy. Those selections are as follows:

Human Behavior – PSY 117 General Psychology **and** SOC 118 Introduction to Sociology (both required)

Reasoning and Values – PHL XXX (any Philosophy course that fulfills the category) or BIO 225 Bioethics
Note: Additional prerequisites for admission to the ABSN program are required:

- CHE 121/123 General Chemistry I & Lab
- CHE 122/124 General Chemistry II & Lab
- BIO 373 Microbiology **OR** approved Microbiology course

For students intending to pursue the ABSN degree majoring in Exercise Science, the following course substitutions fulfill Franklin College requirements:

- KIN 315 – waived – Civic Learning exploratory requirement fulfilled by NURB 325 Transitional Care in Primary Population Health

Elective course requirement fulfilled by nursing program requirements

Exercise Science Major

All core requirements for the major must be completed with a grade of C- or better. All related field requirements for the major must be completed with a grade of C- or better.

Core Requirements

EXE 119 Concepts of Wellness
EXE 208 Basic Principles of Nutrition
EXE 222 First Aid and CPR/AED for the Professional Rescuer
EXE 234 Introduction to Exercise Science
EXE 244 Introduction to Strength and Condition Methods
EXE 341 Organization and Administration of Health Programs
EXE 351 Muscles and Movement
EXE 372 Exercise Physiology
EXE 372L Exercise Physiology Lab
EXE 375 Exercise Testing and Prescription
EXE 382 Motor Learning
EXE 385 Sport and Exercise Psychology
EXE 387 Biomechanics
EXE 387L Biomechanics Lab
EXE 401 Research Methods in Exercise Science I
EXE 402 Research Methods in Exercise Science II
EXE 425 Exercise Prescription for Special Populations
EXE 499 Senior Competency Practicum and Professional Development Course

One of the following courses

BIO 310 Immunology
EXE 321 Advanced Strength and Conditioning Methods
EXE 322 Pediatric Exercise Physiology
EXE 323 Diagnostic and Laboratory Testing
KIN 310 Broad Perspective in Sport
PHY 355 Ultrasonography
PHY 357 Radiation and Health

Professional Development Requirements

EXE 489 Professional Development Experience
EXE 498 Professional Development Portfolio

PDP 200 Preparing for Your Internship

Related Field Requirements

ANAT 210 Applied Human Anatomy
ANAT 210L Applied Human Anatomy Lab
ANAT 220 Applied Human Physiology
ANAT 220L Applied Human Physiology Lab
KIN 315 Health/Wellness Issues & Trends in Society
MAT 224 Basic Applied Statistics
PSY 117 General Psychology

MSAT Substitutions

MSAT 543 fulfills **EXE 401 and EXE 402** requirements
MSAT 550, 551, & 553 fulfills **EXE 489** requirement

Sports and Fitness Management Major

All core requirements for the major must be completed with a grade of C- or better. All related field requirements (either the Fitness Management Option or the Sports Management Option) for the major must be completed with a grade of C- or better.

Core Requirements

ACC 221 Principles of Accounting I
BUS 101 Introduction to the Business Mindset
BUS 102 Development of the Entrepreneurial Skillset
ECO 121 Principles of Microeconomics OR **ECO 123** Principles of Macroeconomics
EXE 119 Concepts of Wellness
EXE 222 First Aid and CPR/AED for the Professional Rescuer
EXE 341 Organization and Administration of Health Programs
EXE 385 Sport and Exercise Psychology
MAT 224 Basic Applied Statistics
MMJ 445 Communication Law in a Digital World OR **BUS 331** Business Law
PED 234 Introduction to Teaching and Coaching Physical Activities
PSY 117 General Psychology
SFM 110 Introduction to Sports Management
SFM 210 Sports Ethics and Risk Management
SFM 410 Sports and Fitness Management Research and Business Plans
SFM 499 Senior Competency Practicum and Professional Development Course
SOC 358 Personal Finance and Public Policy
SPR 101 Sports in Society

Professional Development Requirements

SFM 483 Event Management Practicum
SFM 489 Senior Experience
SFM 498 Professional Development Portfolio
PDP 200 Preparing for your Internship

Fitness Management Option

ANAT 210 Applied Human Anatomy
ANAT 210L Applied Human Anatomy Lab

ANAT 220 Applied Human Physiology
ANAT 220L Applied Human Physiology Lab
EXE 208 Basic Principles of Nutrition
EXE 244 Introduction to Strength and Condition Methods
KIN 315 Health/Wellness Issues & Trends in Society

Sports Management Option

BUS 361 Contemporary Marketing
PRL 221 Public Relations Practice Areas
PRL 222 Social Media and Tactics
SPR 115 Reporting, Interviewing, and Newswriting
SPR 301 Covering Economics and Public Policy in Sports
SPR 303 Sports Information and Public Relations

Fitness Minor

Core Requirements

EXE 119 Concepts of Wellness
EXE 208 Basic Principles of Nutrition
EXE 222 First Aid and CPR/AED for the Professional Rescuer
EXE 244 Introduction to Strength and Conditioning Methods
EXE 372 Exercise Physiology
EXE 372L Exercise Physiology Lab
EXE 480 Fitness Practicum

Related Course Requirements

ANAT 210 Applied Human Anatomy
ANAT 210L Applied Human Anatomy Lab
ANAT 220 Applied Human Physiology
ANAT 220L Applied Human Physiology Lab

Coaching Minor (not a licensure area)

Core Requirements

Students must earn at least a 'C-'

EXE 119 Concepts of Wellness
EXE 222 First Aid and CPR/AED for the Professional Rescuer
EXE 244 Introduction to Strength and Conditioning Methods
EXE 385 Sport and Exercise Psychology
PED 234 Introduction to Teaching and Coaching Physical Activities
PED 480 Coaching Practicum

Four hours from the following courses

Students must earn at least a 'C-'

EXE 208 Basic Principles of Nutrition
LEA 100 Introduction to Personal Leadership Skills
PED 110 Lifeguard Training
PED 112 Water Safety Instructor
PED 115 Officiating in Volleyball

PED 116 Officiating in Basketball
PED 333 Coaching Baseball and Softball
PED 334 Coaching Basketball
PED 335 Coaching Football
PED 336 Coaching Volleyball
PED 337 Coaching Track and Field
PED 338 Coaching Soccer
PED 339 Coaching Swimming
PED 490 Independent Study (other coaching classes by student interest)

Strength and Conditioning Minor

ANAT 210 & 210L Applied Human Anatomy + Lab
ANAT 220 & 220L Applied Human Physiology + Lab
EXE 119 Concepts of Wellness
EXE 208 Basic Principles of Nutrition
EXE 244 Introduction to Strength and Conditioning Methods
EXE 321 Advanced Strength & Conditioning Methods
EXE 341 Organization & Administration of Health Programs
EXE 351 Muscles and Movement
EXE 372 & 372L Exercise Physiology + Lab
EXE 385 Sport and Exercise Psychology
EXE 387 & 387L Biomechanics + Lab
PED 004 Physical Education Activity Strength and Conditioning
SAC 480 Strength & Conditioning Internship I
SAC 481 Strength & Conditioning Internship II

Exercise Science Course Descriptions

EXE 119 Concepts of Wellness		3 credit hours
Fall and spring		

This course focuses on the dimensions of personal well-being including physical fitness, nutritional awareness, stress management, the effect of drugs and health-related environmental issues. Personal responsibility for well-being is stressed. Suggested during first year.

EXE 208 Basic Principles of Nutrition		2 credit hours
Fall and spring		

This course is an introduction to nutritional concepts, including a focus on nutrients, their uses, and food sources as well as their importance in promoting health and preventing disease. The course will also address nutrition as it relates to physical activity along with the nutritional requirements throughout the human life cycle.

EXE 222 First Aid and CPR/AED for the Professional Rescuer		2 credit hours
Fall and spring		

This course is designed to help students prepare and respond to emergency situations. American Red Cross certification in CPR/AED for the Professional Rescuer and Healthcare Provider and First Aid is earned upon successful completion of American Red Cross Requirements. *Course Fee: $45*.

EXE 234 Introduction to Exercise Science		2 credit hours
Fall and spring		

This course is designed to expose the student to important aspects of the discipline, including areas of study, clinical skills, technology, certifications, professional associations, and career opportunities. The history of, and current and future trends in exercise science will also be explored. Suggested first-year course.

EXE 244 Introduction to Strength and Conditioning Methods		3 credit hours
Fall and spring		Prereq: EXE 119

This course focuses on the principles of physical conditioning, with emphasis on teaching and assessing correct technique in all areas of physical fitness. Topics discussed include assessment of muscular strength and endurance, cardiorespiratory endurance, flexibility, and skill-related components of health and how these concepts affect athletic performance.

EXE 321 Advanced Strength and Conditioning Methods		3 credit hours
Every other year		Prereq: EXE 244, EXE 351, EXE 372

This course focuses on advanced techniques of strength and conditioning as it relates to enhancing human performance. Topics presented will include program design for enhanced resistance and conditioning techniques, along with advanced exercise performance assessment techniques. At the conclusion of the course students will have an understanding of how to assess current physiologic markers of high-level performances, and how to design exercise programs for that target population. This course will also prepare students to successfully acquire the Certified Strength and Conditioning Specialist® certification through the National Strength and Conditioning Association.

EXE 322 Pediatric Exercise Physiology		3 credit hours
Every other year		Prereq: EXE 372

This course will examine the development of the pediatric population from a physical perspective. Emphasis will be on motor development, system development, and performance development. Physiological responses to exercise will be investigated as well as current issues specific to the population including thermoregulation, genetic regulation, and early specialization.

EXE 323 Diagnostic and Laboratory Testing		3 credit hours
On demand		Prereq or coreq: EXE 351 and ANAT 220

This course will discuss the knowledge and skills needed for basic diagnostic testing measures used by exercise physiologists. Students will focus on the skills needed for medical communication and interpretation. Topics presented will include blood studies, electrocardiography, ultrasound, x-rays, and nuclear scanning. The rationale and clinical implications of the tests will be investigated.

EXE 341 Organization and Administration of Health Programs		2 credit hours
Fall and spring		Prereq: EXE 119

This course will provide the necessary knowledge and skill of organization and administration in various exercise science settings and fields. Additionally, students will gain the knowledge and skills in professional development and digital fluency necessary to function as a professional in exercise science-related fields.

EXE 351 Muscles and Movement		1 credit hour
Fall and spring		Prereq: ANAT 210, EXE 119, EXE 208, EXE 234

This course will prepare students to identify muscles commonly used in training and therapy and the function of the specific muscles. Emphasis will be on the progression and modification of movements using machines, free weights, body weight, and other forms of exercise equipment along with proper stretching techniques.

EXE 372 Exercise Physiology		3 credit hours
Fall and spring		Prereq: ANAT 220, EXE 119, EXE 208, EXE 234 Coreq: EXE 372L

Exercise physiology is the study of acute and chronic adaptations of the body's physiological systems to movement and physical conditioning. Physiological foundations and the development of physiological fitness components will be discussed. A laboratory component is integrated into class sessions. Must be taken concurrently with EXE 372L. Same as BIO 372.

EXE 372L Exercise Physiology Lab		0 credit hours
Fall and spring		Coreq: EXE 372

Lab component to EXE 372 Exercise Physiology. Same as BIO 372L.

EXE 375 Exercise Testing and Prescription		3 credit hours
Fall and spring		Prereq: EXE 372

This course prepares students to plan, direct, and administer age-appropriate exercise prescriptions and health assessments for the general population. Multiple hands-on experiences and application of knowledge will be emphasized. Students will participate in engaged experience with clients on- or off-campus.

EXE 382 Motor Learning		3 credit hours
Fall and spring		Prereq: ANAT 220, EXE 119, EXE 208, EXE 234

An examination of factors that affect the acquisition and performance of motor skills and how control of skilled movements is gained, maintained, and adapted. The student will gain experience in neuromuscular integration, psychomotor learning, and error detection and correction through laboratory experiences.

EXE 385 Sport and Exercise Psychology		3 credit hours
Fall and Spring		Prereq: EXE 119 or with instructor permission

This interactive course will focus on the cognitive or mental preparation in sports and health behavior change. It will relate the application of conventional psychological areas and examine human behavior within the context of higher performance and health behavior theories. It will also apply psychological considerations pertaining to sport and exercise in the design of programs and in discussions with athletes and the physically active population.

EXE 387 Biomechanics		3 credit hours
Fall and spring		Prereq: ANAT 220, EXE 119, EXE 208, EXE 234 Coreq: EXE 387L

The course will provide the student with a mechanical examination of the motion of the human body. Application of anatomical, physiological, and mechanical data will be used to explain and predict movements of the body to improve technique or prevent injury. A laboratory experience is integrated into class sessions. Must be taken concurrently with EXE 387L. Same as BIO 387.

EXE 387L Biomechanics Lab		0 credit hours
Fall and spring		Coreq: EXE 387

Lab component to EXE 387 Biomechanics. Same as BIO 387L.

EXE 401 Research Methods in Exercise Science I		2 credit hours
Fall and spring		Prereq: EXE 372, MAT 224

This course will introduce students to the research process in the various areas of exercise science. Students will learn the various elements associated with the design and process of both qualitative and quantitative research, including the process of reviewing relevant literature, the development of a researchable question, and the design of a method to solve a research question. Students will also learn to become selective consumers of published research through the process of literature review and learn the ethical issues associated with research and progress to the human subject protection application with the college's Institutional Review Board (IRB).

EXE 402 Research Methods in Exercise Science II		1 credit hour
Fall and spring		Prereq: EXE 401

This course will pair an exercise science faculty member with a student or a group of students who will be conducting research. With direction from the faculty member, students will select the appropriate body of methods to analyze a finalized research question. A significant part of the course will be spent on the student's chosen methodology whether quantitative, qualitative or mixed-methods. Students will collect data, interpret and analyze findings and present research in an academic environment. It is strongly recommended to take EXE 402 in the semester following EXE 401.

EXE 425 Exercise Prescription for Special Populations		3 credit hours
Fall and spring	Comparative Perspectives exploratory	Prereq: EXE 372

This course provides practical information on assessment and exercise for persons with a wide range of special diseases and disabilities. Students will learn and apply knowledge on how to modify exercise for individuals and groups based on age, medical conditions, and special needs. Diseases and exercises will be explored through current medical research and evidence-based practices. This course fulfills the Comparative Perspectives exploratory requirement. It is strongly recommended to take EXE 375 prior to EXE 425.

EXE 480 Fitness Practicum		1-3 credit hours
Fall, spring, Immersive, or summer with departmental consent		Prereq: departmental consent

Engage in hands-on application of exercise science principles through our practicum, integrating classroom knowledge with real-world practice. Collaborate with industry professionals, designing and implementing tailored exercise programs while gaining valuable experience in assessing individual fitness levels and creating personalized plans. The immersive opportunity offers a dynamic environment to refine skills in exercise prescription and develop a comprehensive understanding of exercise physiology.

EXE 489 Professional Development Experience		4-12 credit hours
Fall, spring, Immersive, or summer with departmental consent		Prereq: PDP 200 and senior status

Exercise Science majors will complete a semester-long or summer internship experience. This internship will meet the professional development experience component required for the senior year experience. EXE 489 will fulfill four semester hours of the immersive term requirement if taken during Immersive term. Students must meet with the Exercise Science internship coordinator to obtain an internship application and add/drop forms must be signed by a faculty member of record and must have approval of the faculty advisor.

EXE 490 Independent Study		1-2 credit hours
Fall and spring		Prereq: Junior status and the consent of the department chair

This course provides the student with an opportunity to further investigate an individualized, independent research topic in exercise science or a related healthcare field not thoroughly covered in core courses.

EXE 498 Professional Development Portfolio		No credit
Fall and Spring		Prereq: Senior status

The course is designed to help prepare students to become a professional within the health field. This is accomplished through a series of practical experiences, participation in professional organizations, volunteer and service activities, attending workshops, seminars, cooperative activities, community involvement, etc. that actively involve students throughout their senior year. Exercise science majors will finalize materials for their professional development e-portfolio. Artifacts from each of the Exercise Science core classes as well as the professional development experiences should be included in the e-portfolio.

EXE 499 Senior Competency Practicum and Professional Development Course		No credit
Fall and Spring		

The Senior Competency Practicum is designed to help the student grow professionally by applying the knowledge and skills acquired in the major. The student is required to successfully pass either the National Strength and Conditioning Association's Certified Strength and Conditioning Coach® certification, the American College of Sports Medicine Certified Exercise Physiologist certification or a comprehensive practice test for the certifications. Successful completion of the senior competency practicum also meets the professional development course component for the senior year experience.

Kinesiology Course Descriptions

ANAT 210 Applied Human Anatomy		4 credit hours
Fall		Coreq: ANAT 210L

This course is designed to provide students with a systemic approach to the study of the human body with an emphasis on application to human movement. Students will learn an introduction to anatomical terminology followed by the microscopic and gross anatomy of the integumentary, reproductive, immune, digestive, urinary, muscular, skeletal, nervous, endocrine, cardiovascular, and respiratory systems. Designed for students interested in allied healthcare fields. Non-majors are welcome after initial registration. Must be taken concurrently with ANAT 210L

ANAT 210L Applied Human Anatomy Lab		No credit
Fall		Coreq: ANAT 210

Lab component of ANAT 210 Applied Human Anatomy.

ANAT 220 Applied Human Physiology		4 credit hours
Spring	Scientific Thinking exploratory	Prereq: ANAT 210 with a C- or higher Coreq: ANAT 220L

This course is designed to introduce students to the functions of the human body at the chemical, cellular, tissue, organ, and systems level with an emphasis on application to human movement. Study of the musculoskeletal, nervous, cardiovascular, respiratory, digestive, urinary, immune, reproductive, and endocrine systems will be covered. Designed for students interested in allied healthcare fields. Non-majors are welcome after initial registration. Satisfies Scientific Thinking exploratory. Must be taken concurrently with ANAT 220L. Prerequisite: ANAT 210 with a "C-" or higher.

ANAT 220L Applied Human Physiology Lab		No credit
Spring		Prereq: ANAT 210L Coreq: ANAT 220

Lab component of ANAT 220 Applied Human Physiology.

KIN 121 Medical Terminology and Documentation for Allied Health Professions		2 credit hours
Fall		

This course presents a basic study of medical terminology. Prefixes, suffixes, root words, combining forms, special endings, plural forms, abbreviations, and symbols are included in the content. This course is intended to assist those studying in medical and allied health-care fields by learning a system for defining, using, spelling, and pronouncing medical words. Basic principles of documentation and the various forms used by allied health-care professionals are also encompassed in this course. Same as BIO 121.

KIN 300 Topics in Kinesiology		1-3 credit hours

A topic of current interest in kinesiology will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of faculty member and with approval of the Vice President of Academic Affairs.

KIN 310 Broad Perspective in Sport		3 credit hours
Fall and spring	Comparative Perspectives Exploratory	

This course examines an encompassing perspective of diversity and inclusion within various sport settings. Specifically, the course provides students with an analysis and understanding of the various ways that people within sports can differ and how power differences impact life and sport experiences, opportunities and outcomes. In particular, this class will focus on diversity issues as they relate to race, ethnicity, gender, social class, sexuality, and physical ability/disabilities.

KIN 315 Health/Wellness Trends & Issues in Society		3 credit hours
Fall and spring	Civic Learning Exploratory	

This course provides an up-to-date examination of current trends, issues and practices pertaining to the areas of health and wellness. Emphasis will be placed on interpreting and applying current facts and examining attitudes impacting one's understanding of health and wellness in contemporary society. Various formats of analysis and research will be used to establish how a liberally educated person incorporates inter-disciplinary knowledge to research and offer solutions to a societal health/wellness issue.

SAC 480 Strength and Conditioning Internship I		1 credit hour
Fall, Immersive, and spring		Prereq: EXE 244 and departmental consent

A foundational clinical course designed to provide experience under the direct supervision of a preceptor who is currently a certified strength and conditioning specialist. A demonstration of proficiency in skills coaching lifting technique, testing and evaluation, program design, and facility design. The incorporation of evidence-based practice principles will be emphasized. Students will gain invaluable expertise through a 30 to 270-hour clinical experience, mastering the art of applied strength and conditioning. Students are responsible for costs associated with travel to and from their clinical experiences.

SAC 481 Strength and Conditioning Internship II		1 credit hour
Fall, Immersive, and spring		Prereq: EXE 321 and departmental consent

The clinical course builds on existing experience as a sequel to the foundational clinical course. Elevate your expertise through specialized coaching in lifting techniques, advanced evaluation methods, program design, and facility optimization. With a focus on evidence-based principles, this immersive experience spans 30 to 270 hours, providing an in-depth exploration of applied strength and conditioning. Between SAC 480 and SAC 481 the student will complete 300 total hours as required per CASCE. Please note students are responsible for associated travel costs.

Physical Education Course Descriptions

PED 004 Physical Education Activity		1 activity credit
Fall and Spring		

Participation courses involving a variety of sports and activities. Each course is designed as an introduction to that activity. Course fees may be associated with some activity classes.

PED 009 Intercollegiate Sports		1 activity credit
Fall and Spring		

Students who participate in a varsity sport(s) as a player, manager, cheerleader or dance team member may take PED 009. A student may receive only one credit for a particular sport each academic year.

PED 110 Lifeguard Training		2 credit hours
Spring, on demand		

The American Red Cross Lifeguard Training program provides lifeguards with the skills and knowledge necessary to keep patrons of aquatic facilities safe in and around the water. *Skill Prerequisite: Must be able to swim 300 yards, tread water for 2 minutes, and retrieve a 10lb object from a 7-10 ft. depth in 1 minute, 40 seconds. Course Fee: $50.* Graded Pass/Fail.

PED 112 Water Safety Instructor		2 credit hours
Fall and Spring, on demand		

The American Red Cross Water Safety Instructor course provides instructor candidates the training needed to teach courses in the American Red Cross Swimming and Water Safety Program by developing their understanding of how to use the course materials, how to conduct training sessions and how to evaluate participants' progress. *Prerequisite: Candidates must be at least 16 years old (proof of age required) by last class session and successfully complete the basic skills test the first night of class. Basic Skills Strokes: Front Crawl, 25 yds.; Back Crawl, 25 yds.; Sidestroke, 25 yds.; Breaststroke, 25 yds.; Elementary Backstroke, 25 yds.; Butterfly, 15 yds. Candidates must also maintain position on back for 1 minute in deep water and tread water for 1 minute.*

PED 115 Officiating in Volleyball		1 credit hour
Fall, on demand		

Responsibilities, mechanics, and techniques of officiating volleyball are learned through practical experience. IHSAA certification is available*. Course fee: $50 (fee also covers PED 116).*

PED 116 Officiating in Basketball		1 credit hour
Spring, on demand		

Responsibilities, mechanics, and techniques of officiating basketball are learned through practical experience. IHSAA certification is available. *Course fee: $50 (fee also covers PED 115).*

PED 234 Introduction to Teaching and Coaching Physical Activities		3 credit hours
Fall, odd academic years		

This course serves as an introduction for students who may enter a profession that includes the teaching and/or coaching of physical activities. Students will be presented with history, philosophies, and principles underlying the current status and nature of physical activity and sport within the school curriculum and society. The course will introduce background information and include discussion on sport psychology, pedagogy, and physiology.

PED 333 Coaching Baseball and Softball		1 credit hour
Fall (first seven weeks)		

A study of offensive and defensive strategies and techniques, practice and game responsibilities, rules and related coaching concepts and ideas are covered. *PED 234 is highly recommended as a prerequisite.*

PED 334 Coaching Basketball		1 credit hour
Spring (second seven weeks)		

A study of individual player's offensive and defensive skills, different offensive and defensive systems of play and other coaching responsibilities. *PED 234 is highly recommended as a prerequisite.*

PED 335 Coaching Football		1 credit hour
Spring (first seven weeks)		

History, rules, offensive and defensive systems of football, current trends, and coaching methods are covered. *PED 234 is highly recommended as a prerequisite.*

PED 336 Coaching Volleyball	1 credit hour
Fall, even academic years (second seven weeks)	

A study of team strategy, systems of play, rules, mechanics of skill development, team selection, practice organization, drills, scouting, and team statistics. *PED 234 is highly recommended as a prerequisite.*

PED 337 Coaching Track and Field	1 credit hour
Spring, even academic years (second seven weeks)	

A study of the coaching techniques for each of the track and field events including the organization and administration of track meets, daily practice structures, and psychology of coaching track and field event competition. *PED 234 is highly recommended as a prerequisite.*

PED 338 Coaching Soccer	1 credit hour
Fall, odd academic years (second seven weeks)	

A study of team strategy, systems of play, rules, mechanics of skill development, team selection, practice organization, drills, scouting, and team statistics. *PED 234 is highly recommended as a prerequisite.*

PED 339 Coaching Swimming	1 credit hour
On demand – Fall or spring (seven weeks)	

This class is designed to teach students how to develop a comprehensive swimming program. Course content will include the practical development of coaching philosophy, swimming skills and progressions, training principles, practice organization, fundamentals of diving and how to develop an overall season plan. The course will also include an introduction to swimming software.

PED 480 Coaching Practicum	1-2 credit hours
Fall, Immersive, Spring	Prereq: departmental consent

Previous course content is integrated into a practical experience in a coaching setting.

Sports and Fitness Management Course Descriptions

SFM 110 Introduction to Sports Management	2 credit hours
Fall	

This introductory course offers a comprehensive exploration of the dynamic field of sports management. Students will delve into the multifaceted aspects of the sports industry, gaining foundational knowledge and insights into the managerial, administrative, and organizational principles essential for success in this thriving domain. Students will explore the essentials of sports and event management, leadership dynamics, and various career trajectories.

SFM 210 Sports Ethics and Risk Management	2 credit hours
Spring	

This course surveys the ethical considerations and risk mitigation strategies within the realm of sports. Students will examine complex ethical dilemmas inherent in athletic competition and learn to navigate risk factors affecting athletes, organizations, and stakeholders. This course equips students with the ethical frameworks and risk assessment tools essential for responsible decision-making in the sports industry.

SFM 410 Sports & Fitness Management Research & Business Plans		1 credit hour
Spring		

Students will advance through crafting comprehensive business strategies tailored to the sports and fitness industry. Through hands-on benchmarks and researching case studies, students develop detailed business plans, covering aspects like market analysis, financial projections, and operational frameworks specific to this dynamic sector. This course equips aspiring entrepreneurs and managers with the strategic understanding essential for success in sports and fitness management ventures.

SFM 483 Event Management Practicum		1-4 credit hours

This practicum offers a hands-on learning experience where students immerse themselves in the sports- or fitness-related field. Through real-world engagements, students gain practical insights into planning, organizing, and executing diverse events. Students will gain experience, skills, and knowledge essential for success in the dynamic field of event management.

SFM 489 Senior Experience		4-12 credit hours

Sports and Fitness Management majors will engage in a semester-long, immersive term, or summer internship, satisfying their senior year's essential professional development element. To initiate the process, students are required to meet with the internship coordinator to acquire the internship application, followed by obtaining the necessary signatures from a faculty member and their advisor for add/drop procedures.

SFM 498 Professional Development Portfolio		No credit
Fall and Spring		Prereq: Senior status

The course is designed to help prepare students to become a professional within the sports and fitness management field. This is accomplished through a series of practical experiences, participation in professional organizations, volunteer and service activities, attending workshops, seminars, cooperative activities, community involvement, etc. that actively involve students throughout their senior year. SFM majors will finalize materials for their professional development e-portfolio.

SFM 499 Senior Competency Practicum and Professional Development Course		No credit
Fall and Spring		

The Senior Competency Practicum is designed to help the student grow professionally by applying the knowledge and skills acquired in the major.

French

Department: Modern Languages
Department Chair: D. Alsop
Department Members: D. Alsop, J. Brown**,** S. Colburn-Alsop

Major: French
Minor: French

The challenges of today's world require men and women educated within a multilingual and multicultural perspective. The department of modern languages is dedicated to meeting those challenges by offering programs that open career opportunities in journalism, international business, law, Foreign Service, social and medical services, tourism, and teaching.

The department offers majors and minors in French and Spanish. The possibility of pursuing an individualized minor in language studies or other related areas can be investigated through the individualized minor program.

One semester of a modern foreign language at the 210 course level or higher will satisfy the international exploratory requirement. One semester of a modern language at the 211 course level will satisfy the comparative perspectives exploratory requirement.

Advanced Placement
Students who upon matriculation do not demonstrate proficiency equivalent to satisfactory completion of a Franklin College foreign language course numbered 111 or higher or the equivalent at another institution must complete such a course prior to graduation. If a student takes the French or Spanish placement test and places above the first-semester level, the student is eligible to receive credits for the courses below the level into which they placed, provided they successfully complete with a grade of C- or above, at Franklin College, the course into which they placed. Students may earn up to 12 hours for French or Spanish placement. Example: Students who place into the 300 level of French will receive 12 credit hours for FRE 111, 210 and 211 upon the successful completion of a 300-level course by earning a grade of C- or better. Students who place into the 200 level of French will receive eight credit hours for FRE 110 and 111 upon the successful completion of a 200-level course by earning a grade of C- or better. Credits for FRE 210 and 211 count toward the French major and minor and toward the 120 credit hours required for graduation. Advanced Placement credit for FRE 210 will fulfill the International exploratory, and Advanced Placement credit for FRE 211 will fulfill the Comparative Perspectives exploratory. Credits for FRE 110 and FRE 111 only apply toward the 120 credit hours needed for graduation.

Note: Students must receive a grade of C- or better in a class in order to continue to the next level.

French Major

The minimum requirement for a modern language major is 28 semester hours, numbered above 111. Students must take ***at least one*** literature course and must receive a grade of *C*- or better in all 28 semester hours. The courses chosen by the student for the related field requirement must have department approval.

A **maximum of 8 hours** of transfer credit, AP credit, and/or advance-placement credit can be applied to the 28 hours of coursework at the 200-level or above required for the French major. In order to complete the French major, students must therefore complete **at least 20 credit hours** of French coursework at the 200-level or above at Franklin College, including a literature or culture class.

A French major completing a semester or more of approved study abroad can apply up to 8 additional credit hours- as determined by the department-toward the total 28 credit hours required for the major.

Minimum of 28 credit hours from the following courses

Must include at least one literature course

FRE 210 Intermediate French I
FRE 211 Intermediate French II
FRE 300 Topics in French
FRE 314 Career French
FRE 315 Advanced Writing and Grammar
FRE 331 French Civilization
FRE 332 Masterpieces of French Literature
FRE 334 Francophone Culture
FRE 337 The Nineteenth-Century Novel
FRE 340 Francophone Canadian Literature

All of the following courses

FRE 498 Portfolio
FRE 499 Senior Essay
PDP 200 Preparing for Your Internship
SNR/SNT 489 (FRE) Senior Year Internship/Project

Related Field

12 credit hours – courses chosen must have department approval and be submitted to the Academic Records Office. All related field courses must be completed with a grade of *C*- or better.

French Minor

A **maximum of 8 hours** of transfer credit, AP credit, advance-placement credit, and/or study-abroad credit can be applied to the 20 hours of coursework at the 200-level or above required for the French minor. In order to complete the French minor, students must therefore complete **at least 12 credit hours** of French coursework at the 200-level or above at Franklin College, including a literature or culture class.

Required Courses

FRE 210 Intermediate French I
FRE 211 Intermediate French II
FRE 314 Career French
FRE 315 Advanced Writing and Grammar

One of the following courses

FRE 300 Topics in French
FRE 331 French Civilization
FRE 332 Masterpieces of French Literature
FRE 334 Francophone Culture
FRE 337 The Nineteenth-Century Novel
FRE 340 Francophone Canadian Literature

French Course Descriptions

FRE 110 Elementary French I		4 credit hours
Fall		

Designed to introduce students to basic French grammar and conversation so that they may develop skills in listening, speaking, reading, and writing French. Emphasis on Francophone culture.

FRE 111 Elementary French II		4 credit hours
Spring		Prereq: grade of C- or better in FRE 110 or equivalent

Continuation of French I.

FRE 210 Intermediate French I		4 credit hours
Fall	International exploratory	Prereq: grade of C- or better in FRE 111 or equivalent

A continuation of FRE 110 and 111. Reading and discussion of short works and articles for comprehension of ideas and study of intermediate grammar.

FRE 211 Intermediate French II		4 credit hours
Spring	Comparative Perspectives exploratory	Prereq: grade of C- or better in FRE 210 or equivalent

Discussion of readings in French literature, and civilization and continued study of grammar. Strongly recommended by the department as part of a related field for students whose major is the humanities and who plan to pursue graduate study.

FRE 300 Topics in French		4 credit hours
		Prereq: grade of C- or better in FRE 211 or equivalent

A topic of current interest in French will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

FRE 314 Career French		4 credit hours
Spring		Prereq: grade of C- or better in FRE 211 or equivalent

A basic introduction to French as used in such career fields as journalism, business, medicine, law, and social work. Emphasis is on conversation and the development of oral and written skills through the study of advanced grammar.

FRE 315 Advanced Writing and Grammar		4 credit hours
Fall		Prereq: grade of C- or better in FRE 211 or equivalent

Discussion of journalistic and cultural readings as models for students' writing will be combined with continued study of advanced grammar. Emphasis will be on writing skills.

FRE 331 French Civilization		4 credit hours
Fall, even academic years		Prereq: Successful completion of FRE 314 and FRE 315, or consent of instructor

An in-depth study of all aspects of French civilization with an emphasis on the intellectual and cultural achievements in France and French-speaking countries. From 1871 to the present, the stress is on the movement of ideas and social changes through the two World Wars and the Fifth Republic.

FRE 332 Masterpieces of French Literature		4 credit hours
Spring, even academic years		Prereq: Successful completion of FRE 314 and FRE 315, or consent of instructor

Readings, lectures, and discussions in French of representative masterpieces of French literature from its origins to the present day.

FRE 334 Francophone Culture		4 credit hours
Fall, odd academic years		Prereq: Successful completion of FRE 314 & FRE 315, or consent of instructor

This course is designed to broaden student's cultural knowledge of the francophone world. Students will study the history of different French-speaking areas, in particular Africa, the Antilles, and North America. The study of literary and cultural texts along with art and music will allow students to further develop their understanding of the cultures studied. This course provides students with a broader cultural dimension to raise their consciousness of intercultural perspectives. This course can satisfy the literature requirement for French majors and minors.

FRE 337 The Nineteenth-Century Novel		4 credit hours
Offered on sufficient demand		Prereq: Successful completion of FRE 314 & FRE 315, or consent of instructor

In-depth study of the French novel in this productive century. Reading and discussion of representative works from Romanticism through Naturalism.

FRE 340 Francophone Canadian Literature		4 credit hours
Spring, odd academic years		Prereq: Successful completion of FRE 314 & FRE 315, or consent of instructor

A literary analysis of representative works by Quebec and other Francophone authors from the colonial period to the present. Taught in French.

FRE 482 French Practicum		1-2 credit hours

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

FRE 490 Independent Study		1-2 credit hours
		Prereq: Departmental consent is required

This course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings. The course will include directed reading and discussion of French culture, language, and literature. A final exam or paper is required.

FRE 498 Portfolio		No credit

Students will save all components leading to their senior essay required in FRE 499; research, drafts, final copy. Contents may also include assignments and projects of the student's choosing from other coursework. The portfolio is completed with assignments related to leadership and professional development from the PDP 200 course.

FRE 499 Senior Essay		No credit

Students will be required to research, write, and revise an essay on a topic relating to their course work at Franklin College. The topic must be approved by the modern languages department. Students will be required to present their essay at a session open to the college community. Students must receive a grade of C- or better in order to pass.

LAN 120 Language Study		1-4 credit hours

Upon occasion, when qualified instructors are available and student demand is sufficient, courses in languages other than French or Spanish may be offered as approved by the Vice President of Academic Affairs. These courses will apply as elective credit toward graduation requirements. Courses offered at the intermediate level or above will meet the international exploratory requirement.

LAN 300 Topics in Language		3 credit hours
	International or Civic Learning exploratory (pending topic approval)	

A topic of current interest in language, other than French or Spanish, will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs. Depending on the topic and/or level of the course, LAN course may satisfy the international or civic learning exploratory requirement.

SNR/SNT 489 (FRE) Senior Year Internship/Project		1 credit hour
		Prereq: instructor permission

A one-credit-hour practicum that is set up with help from the Modern Languages Department. Possibilities include, but are not limited to: working in French for a local business and helping with language programs at area schools. Students may not apply this one credit towards the 28-hours required for a major in French.

History

Department: History
Department Chair: M. Clark-Wiltz
Department Members: M. Clark-Wiltz, L. Hurtado, K. Streit

Major: History
Minor: History

The department of history provides the means in the liberal arts curriculum by which undergraduate students learn to better understand the present and prepare for the future by studying the past.

To fulfill this mission, the department provides its students with the main outlines of European, North American, and non-Western history; cultivates in them the skills required to analyze and interpret historical phenomena; shows them how to evaluate the writings of other historians; and instructs them in the techniques of historical research and writing. As a result of this training, students majoring in history will be able to conduct historical research, write about historical topics analytically, and apply an informed historical perspective to the world in which they live. They will specifically be prepared for graduate school, employment in historical organizations, a career in teaching, or entry into professions which utilize a historical point of view combined with research and writing skills.

All **history majors** and **minors** must earn at least a *C*- in each of the required history courses and must earn an overall *C* average in all history courses. A senior competency practicum (HIS 499) is required of all history majors. The senior competency practicum (HIS 499) must be passed with a grade of *C* in order to satisfy graduation requirements.

History Major

Core Requirements

LA 102 The Past and Present: The World Since 1750
HIS 120 United States History to 1877
HIS 121 United States History since 1877
HIS 270 Historian's Craft
HIS 370 Historiography
HIS 499 Senior Competency Practicum

Professional Development Requirements

HIS 200 Public History
HIS 400 Senior Seminar (includes senior portfolio)

One course from each category, plus one additional course from any of these categories
(HIS 300 topics courses may substitute for any course in the appropriate category)

Category A

HIS 231 African American History
HIS/WST 332 History of Women in the United States
HIS 335 United States History Since 1945

Category B

HIS 210 Introduction to Latin American History and Culture
HIS 211 Latin America, Sport, and the Cold War
HIS 212 Pirates of the Caribbean and Beyond
HIS 214 The South Atlantic World, 1400-1824
HIS 310 Modern Latin America

Category C

HIS 240 Introduction to European History
HIS 342 Modern European History
HIS 350 Europe Since 1945
HIS 355 Britain and Its Empire
HIS 356 Russian History
HIS 357 The End of Empire

Category D

HIS 205 World History to 1750
HIS 242 Introduction to African History
HIS 340 Global Military History
HIS 361 East Asian History
HIS 365 History of the Middle East

Related Field Requirement

Related Field Option: 12 credit hours from related academic fields outside of history as approved by the student's departmental advisor.

Minor Option: A minor in an academic field outside of history. Students must meet the requirements of the department offering the minor.

Second Major Option: A second major at Franklin College. Students must meet all requirements for the second major and the history major.

History Minor

Required courses

LA 102 The Past and Present: The World Since 1750
HIS 120 United States History to 1877
HIS 121 United States History since 1877

Three courses, each from different categories

Category A

HIS 231 African American History
HIS/WST 332 History of Women in the United States
HIS 335 United States History Since 1945

Category B

HIS 210 Introduction to Latin American History and Culture
HIS 211 Latin America, Sport, and the Cold War
HIS 212 Pirates of the Caribbean and Beyond
HIS 214 The South Atlantic World, 1400-1824
HIS 310 Modern Latin America

Category C

HIS 240 Introduction to European History
HIS 342 Modern European History
HIS 350 Europe Since 1945
HIS 355 Britain and Its Empire
HIS 356 Russian History
HIS 357 The End of Empire

Category D

HIS 205 World History to 1750
HIS 242 Introduction to African History
HIS 340 Global Military History
HIS 361 East Asian History
HIS 365 History of the Middle East

History Course Descriptions

HIS 120 United States History to 1877		3 credit hours
Spring		

Survey of the history of the United States from the 15th century to the end of the Reconstruction following the Civil War.

HIS 121 United States History since 1877		3 credit hours
Spring	Civic Learning exploratory	

A survey of the history of the United States from the end of the Reconstruction until the contemporary period.

HIS 200 Public History		4 credit hours
Fall		Prereq: HIS 120 or HIS 121 or consent of the instructor

This course will introduce students to the concept and practice of public history. Students will examine how institutions and communities construct history for public consumption and consider the variety of purposes, problems, methods, and forms that coincide with public history. Some areas of focus might include community/local history, historic preservation, archives, museum studies, oral history, and digital narratives. This course will assist students with their professional development, allowing them to explore career options in the field, introducing them to the conventions of the profession, and providing them with tools to plan an academic path that will support their post-graduation goals.

HIS 205 World History to 1750		4 credit hours
Spring, even academic years		

A systematic introduction to events, ideas, and institutions that shaped world history from the beginnings to 1750. Particular emphasis will be placed on political, economic, social, and cultural developments.

HIS 210 Introduction to Latin American History and Culture		4 credit hours
Spring, odd academic years	International exploratory	

An introductory class to the history, arts, economy, and politics of Latin American countries through the lens of popular culture. Some of the topics that students discuss in this class are the pre-Columbian and Colonial foundations of Latin American societies in Mesoamerican, the Andes, the Southern Cone and the Caribbean; the process of state formation on the region in the 19th century, the wave of Military Regimes in South America, and the rise of neo-populisms in the 21st century. In this class, students use a wide variety of primary and secondary sources, they will also watch movies and listen to songs.

HIS 211 Latin America, Sport, and the Cold War		4 credit hours
Fall, even academic years	International exploratory	

This class is an introductory survey on the history of the Cold War through the lens of sports. We depart from the idea that sports are a reflection of society as well as of the historical forces converging there. We will discuss the different functions that sports served during the Cold War in Latin American: a) A source of national identity and pride; b) A contested site of personal and political activism; and c) A tool for exporting revolutionary ideals. We will discuss disciplines such as soccer, baseball, boxing, and volleyball, as well as key sports events such as the Summer Olympics of 1968 in Mexico, and the World Cups of 1970 in Mexico and 1978 in Argentina. We will also examine how race, gender, and class were intertwined with sports in Latin America during the Cold War.

HIS 212 Pirates of the Caribbean and Beyond		4 credit hours
Spring, even academic years	International Exploratory	

Who was a pirate during the 17th and 18 centuries? Why would a person decide to embrace life as an outlaw in the high seas? Did pirates really carry a parrot on their shoulders? Was the pirate ship a proto-democracy? This class discusses the history of piracy in the Atlantic World with an emphasis on Latin America. People know that pirates roamed the Caribbean during the early 18th century. However, what they do not usually know is that the wealth that those pirates took from the Great Spanish Fleet usually came from Mexico and Peru, the richest territories in the Western Hemisphere. In this class, we will discuss 1) The profile of an average pirate during the Early Modern Era, 2) The Pirate Ship, 3) The Depiction of Pirates in Popular Culture, and 4) Pirates in the Modern World. We will use a wide variety of primary and secondary sources. After taking this class, students will have an informed perspective about pirates as historical actors as well as an awareness of the regions where they pursued their deeds.

HIS 214 The South Atlantic World, 1400-1824		4 credit hours
On Demand	Comparative Perspectives Exploratory	

This course is a survey of the evolution of societies in the Southern Atlantic World from 1400-1824 focusing on Africa, Spain, Portugal, Spanish America, Brazil, and the Caribbean. Topics include political and commercial systems, the slave trade, evangelization and the hybridization of religions, gender ideology, and social history.

HIS 231 African American History		4 credit hours
Fall	Comparative Perspectives exploratory	

This course will examine the African-American experience from its beginnings to the present. We will study and analyze historical developments related to the process of race formation, the development of American slavery, the meanings of emancipation and freedom, resistance and civil rights movements, and cultural and community production. We will focus on the voices of African American historical actors and consider the diversity within those experiences and perspectives. This study will require placing the African-American experience in the larger context of U.S. history, understanding it as a central force that shaped and revealed other historical developments.

HIS 240 Introduction to European History		4 credit hours
Fall, even academic years	International exploratory	

This general survey traces Europe's historical evolution from the collapse of the Roman Empire to the present day. It introduces students to the political, economic, social, and cultural histories of diverse European nations.

HIS 242 Introduction to African History		4 credit hours
Fall, odd academic years	International exploratory	

This general survey course explores the integral role Africans fulfilled throughout world history—from the origins of humanity to the modern era. Students will work with a wide variety of primary and secondary sources to gain a deeper appreciation for diverse African histories, cultures, and societies.

HIS 270 Historian's Craft		3 credit hours
Fall		Prereq or Coreq: HIS 200 or consent of the instructor

This course introduces students to the foundational skills of reading, writing, and researching in the discipline of history. Students will learn how to critically analyze primary and secondary sources, ask actionable research questions, develop historical arguments, and write clear, evidence-based scholarship. Emphasis will be placed on research methods, source evaluation, citation practices, the construction of historical narratives, and developing skills central to engaging in scholarly conversation with peers. This course will prepare students to start framing their own research project.

HIS 300 Topics in History		3 credit hours

A topic of current interest in history will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

HIS 310 Modern Latin America		4 credit hours
Fall, odd academic years	International exploratory	

This course is a survey of the history of Latin America since 1810. Major themes include the emergence of national identities, the legacies of colonialism, urbanization, industrialization, U.S. – Latin American relations, social movements, and revolutionary change.

HIS 332 History of Women in the United States		4 credit hours
Spring, odd academic years	Comparative Perspectives exploratory	Prereq: HIS 120 or HIS 121 or WST 101 or consent of instructor

This course will examine women's experiences in the United States from the colonial era through recent decades. Same a WST 332.

HIS 335 United States History Since 1945		3 credit hours
On demand		Prereq: HIS 121 or consent of the instructor

This course examines major political, economic, cultural, and social developments in the U. S. from 1945 to the present.

HIS 340 Global Military History		4 credit hours
Fall, even academic years	Comparative Perspectives exploratory	

What is war? How have war and conflict shaped the economy and politics of societies from the past and present? What is the relationship between tactics and strategy? Is there a unique Western way of fighting wars? This class discusses the relationship between the military and society across time and in different geographical scenarios, from the Ancient Greeks to the Aztecs and from the Zulu in South Africa to the Pashtun in present-day Afghanistan. The class pays special attention to the role that military innovations such as chariots, the phalanx, gunpowder, steamboats, atomic energy and terrorism, have had in shaping war and conflict, and the spread of military ideas in shaping military interactions across the globe. In this class we will use primary and secondary sources, and we will also watch war movies from different countries.

HIS 342 Modern European History		4 credit hours
Fall, odd academic years	International exploratory	Prereq: LA 102 or consent of instructor

This course surveys the history of modern Europe from the 19th century to the present day. Particular emphasis will be put on the experiences of ordinary Europeans as they experienced industrialization, imperialism, new political ideologies, world wars, genocides, the Cold War, and the formation of the modern European community.

HIS 350 Europe Since 1945		3 credit hours
On demand		Prereq: LA 102 or consent of instructor

Explores the importance of the economic integration of western Europe following World War II, the creation of welfare states, the cold-war division of Europe into NATO and the Warsaw Pact countries, the collapse of the eastern bloc, and the integration of the eastern European countries into the modern European community.

HIS 355 Britain and Its Empire		4 credit hours
Spring, even academic years	International exploratory	Prereq: LA 102 or consent of instructor

The British Empire was the largest empire in human history, controlling an estimated quarter of the earth's landmass at its height. In this class, students will gain knowledge of the origins, course, collapse, and legacies of British imperialism. They will explore overlapping narratives of conquest, colonization, collaboration, resistance, and exchange among peoples in Africa, Asia, the Americas, and the Pacific. Students will assess how British imperialism shaped British identity and the modern world.

HIS 356 Russian History		4 credit hours
On demand	International exploratory	Prereq: LA 102 or consent of instructor

Survey of Russian history with equal emphasis on the imperial and Soviet periods. Russia's cultural and political relationships with the West, on the one hand, and with its Asian imperial possessions, on the other hand, are prominent themes of the course.

HIS 357 The End of Empire		4 credit hours
Spring, odd academic years	International exploratory	Prereq: LA 102 or consent of instructor

This course explores the internal and external pressures that caused European empires to unravel in different areas of the world during the 20th century. Students will study the process of decolonization from multiple perspectives in Southeast Asia, the Caribbean, and Africa. Students will evaluate contemporary relationships between European nations and their former colonies, as well as the lasting impact of imperialism on conceptions of identity, race, and immigration.

HIS 361 East Asian History		4 credit hours
On demand	International exploratory	Prereq: LA 102 or consent of instructor

The history of China, Japan, and Korea, with most emphasis on the 20th.- century conflict between China and Japan, World War II in the Pacific, and the Communist regime in China.

HIS 365 History of the Middle East		4 credit hours
Spring, odd academic years	International exploratory	Prereq: LA 102 or consent of instructor

The history of the Middle East from the time of Muhammad to the present. Extensive treatment is given to the 19th - and 20th-century roots of the present-day crises in the region.

HIS 370 Historiography		4 credit hours
Spring		Prereq: LA 102, HIS 120, HIS 121, HIS 200 & junior standing or consent of instructor

An introduction to the discipline of history through a study of its practitioners in Europe and North America. This course will explore the variety of approaches to the past, the conceptual and analytical tools of historians over time, and the search for patterns and laws of history. The course also includes research and writing methods for historians: choice of project; creation of a thesis question and bibliography; use of primary, secondary, and internet sources; and style and production skills.

HIS 400 Senior Seminar		4 credit hours
Fall		Prereq: HIS 370 & senior standing, or consent of instructor

This senior year experience allows majors to complete a substantial and original research project. The project requires students to conduct research based on primary sources, present the findings of their research in the form of an oral presentation in a conference-type setting and a written paper, and read and comment upon another student's research findings. This course fulfills the SNR portion of the professional development requirements.

HIS 490 Independent Study		1-2 credit hours
		Prereq: consent of instructor

Designed to encourage student initiative and to provide a degree of flexibility in the departmental program, this course may consist of special reading or research in a field of the student's interest not sufficiently covered or appropriately covered in regular departmental courses.

HIS 498 Senior Portfolio		No credit

Student will create and maintain their own portfolios to be kept in the department with important written work, resumes, publicity, and any other information necessary and helpful to those from whom they ask references. The content and current nature of this portfolio will be the responsibility of the student.

HIS 499 Senior Competency Practicum		No credit

History majors are to present their senior research findings publicly. History faculty and students will pose questions to the student. This exercise will be graded by the history faculty, and the student will need a grade of "C" or better.

Individualized Major

An **Individualized Major** offers highly motivated and self-directed students an opportunity to develop a program of study tailored to meet their special talents, academic interests, and career goals. An individualized major is designed for a student who is able to document the absence of an existing major that satisfactorily meets his/her specific educational and professional objectives. A student may design an individualized major for a first or second major. However, those seeking a second major via this process may not duplicate any courses with his/her first major.

Individualized Majors are designed by students in conjunction with an Individualized Major (IM) Committee. An academic department must sponsor the proposal (see Parameter #5 below). The IM Committee is comprised of the student's academic advisor and at least two other faculty sponsors (one of whom must be the chair of the sponsoring department). Two of these three members of this IM Committee should reflect the student's educational objectives and career interests. Finally, a representative of the Faculty Curriculum Committee must sign at the time of approval, but is not a member of the IM Committee.

Students applying for an individualized major must meet the following requirements:

- Completed at least one full semester of college work at Franklin College.
- Minimum GPA of 2.75 prior to submitting an application.
- Class level less than junior status (< 58 credit hours). Students with junior status (58-90 hours completed) may petition the Academic Rules Committee for an exception to the academic policy. Seniors are ineligible to apply for an individualized major. Academic Rules Committee petitions are located in the Academic Records Office.

Parameters for the Individualized Major

1. As individualized majors are student specific, each student's IM proposal must undergo all stages of the approval process.
2. The major must consist of at least 30 credits hours of core requirements with an additional 12 credit hours in a related field.
3. No more than 18 of the 30 credit hours in the major core requirements may come from an existing major at Franklin College.
4. At least 20 of the 30 core credit hours must be from courses numbered 200 or higher.
5. At least 12 of the 30 core credit hours must come from the sponsoring department.
6. No courses with an LA prefix may count toward the major.
7. No more than 6 credit hours of individualized studies may be used to complete the major.
8. The major must include a senior-level capstone experience and a senior competency practicum (499). The capstone may be an existing course or an independent study course supervised by one of the faculty sponsors.
9. Students must meet all liberal arts requirements and all other requirements for graduation.
10. All courses in the major must be completed with a grade of C- or better. Student must maintain a cumulative and major GPA of 2.00 in order to graduate with the proposed individualized major.
11. Academic courses taken for the major may not be taken on a pass/fail basis.
12. A course may not count for both the individualized major and another major.
13. This major may include regular catalog courses, immersive-term courses and experiences, off-campus courses (if approved), travel experiences, individualized studies, special topics courses, practica, and internships.
14. An individualized major must be completed within six semesters of its declaration. A student seeking an extension must gain approval from his/her IM Committee. Documentation regarding an extension must be submitted to the Academic Records Office for degree-granting purposes.

15. Any interruption, which extends beyond one semester, in a student's academic progress toward an individualized major requires a resubmission of the IM proposal.

Development of the Proposal

1. In conjunction with the student's IM Committee, verify that the proposed individualized major satisfies the above parameters.
2. Prepare a defense of the individualized major on the IM application, which is available in the Academic Records Office. This defense should include a rationale for the courses chosen to constitute the major and related field and an explanation of how the major will enhance the student's educational and professional objectives. The student must explain why an existing major at Franklin will not meet these objectives. Furthermore, the student should demonstrate connections between academic interests and vocational or graduate school interests.
3. Carefully complete the individualized major application. (available in the Academic Records Office)
4. All changes to the Individualized Major must be approved by the student's IM. Committee and a representative of FCC. Any and all changes must be filed in the Academic Records Office for degree-granting purposes.

Approval Process

1. IM Committee – signatures on formal application
   - Includes academic advisor and two additional faculty members (one of whom must be the chair of the sponsoring department)
2. Faculty Curriculum Committee representative
3. Faculty supervising individualized studies, practica, experiential learning activities, etc. –if applicable
4. Academic Rules Committee Chair/Registrar – signs and files

Leadership Studies Program

Minors: Leadership

In our government, in our workplaces, in our places of worship, schools, and homes, people need to be better prepared to come together to solve problems, to lead, and to contribute to the group. The Franklin College Leadership Program prepares students to lead and contribute to society by providing a structured learning experience and opportunities for reflecting on and practicing leadership.

Franklin College prepares all its students to become leaders.

The Franklin College community believes that leaders must

- be self-aware,
- develop and practice ethical standards,
- work well with diverse people, and
- be willing and able to take action.

The Franklin College faculty and staff have adopted a comprehensive list of professional and leadership qualities, skills, and competencies that are incorporated in the Liberal Arts student learning plan, departmental student learning plans, and co-curricular activities. They are as follows:

Personal Qualities

Integrity	Willingness to learn and change
A personal, ethical framework	Physical well being
Responsibility and accountability	Commitment
Personal vision and goal setting	Self awareness

Interpersonal Competencies

Appreciate diversity	Give, receive, and learn from feedback
Work with and in a group	Share leadership
Manage conflict	Initiate and manage change
Create a shared vision and find common ground	

Communication Skills

Present ideas effectively	Attend to non-verbal communication
Write well	Participate in and conduct civil discourse
Listen well	Balance advocacy and inquiry
Read with high comprehension	Speak confidently in public

Cognitive Abilities

Think systemically	Transfer knowledge and create analogies
Practice integrative thinking	Solve theoretical and applied problems
Think critically	Manage complexity and ambiguity
Make decisions	Assess and manage risk
Think creatively	Exercise an awareness of international perspectives

Technological Skills

Utilize technology to solve problems

Evaluate and use technology appropriately and effectively
Evaluate and use technological resources and documentation
Access, evaluate, and synthesize informational resources

Leadership Minor

(a minimum of 19 hours as follows, all earned with a grade of C- or better)
No more than four (4) credit hours may overlap between the student's major course requirements and the Leadership minor.

Core courses

LEA 100 Introduction to Personal Leadership Skills
LEA 315 Leadership Capstone
LEA 470 Leadership Seminar

First Elective (Leadership-focused courses) One of the following courses

LEA 220 Leadership: Foundations, Theory, and Practice
LEA 300 Leadership Topics (on demand)
LEA 320 Leadership, Creativity, and Innovation
NPL/SOC 230 Introduction to Nonprofits

Second Elective (Courses promoting cultural awareness, ethics, psychology, or communication to foster compassionate, well-rounded leaders) One of the following courses

DAT 110 Human Perspectives in Data Science
ENG 224 Introduction to Linguistics
ENG 234 African American Literature
ENG 236 Gender and Sexuality in Literature
HIS 231 African American History
HIS/WST 332 History of Women in the United States
IHE 100 International Honors Experience Seminar
LEA 330 Leadership in a Multicultural Context
NPL/SOC 222 Social Problems & Nonprofit Responses
PHL 210 Logic
PHL 220 Principles of Ethics
PHL 230 Philosophy of Language
PSY 310 Introduction to Counseling
PSY 315 Psychology of Diversity
PSY 320 Social Psychology
REL 240 Giving in Religion

Career Field Concentration (Courses tied to a student's major spanning business, political science, biology, and social sciences) One of the following courses

ACC 235 Data Management and Analysis
BIO 225 Bioethics
BIO 324 Science Communication & Public Outreach
BUS/ECO 340 Business Organization and Public Policy
BUS/SOC/PDP 358 Personal Finance and Public Policy
BUS/ECO 360 Labor Economics and Management
BUS 371 Operations Management
ENG/NPL 458 Communications Consulting Project

HIS 200 Public History
KIN 310 Broad Perspective in Sport
MAT 345 Statistical Consulting Project
MMJ/PRL/SPR 445 Communications Law in a Digital World
PHL/POL 360 Social and Political Thought
POL 234 American Political Participation
POL 275 Law and Politics in American Society
PSY 226 Lifespan Development
PSY 250 Industrial Organizational Psychology
SOC 325 Power, Wealth, and Poverty
SOC 330 Globalization
SOC 340 Corrections
SPR 301 Covering Economics & Public Policy in Sports

Topics Courses

Subject to approval, students can select one Topics course (generally a 300 code) to satisfy either the Career Field Concentration or the Second Elective Requirement of the Leadership minor. Only one Topics course can be taken in pursuit of a Leadership minor. Once a Topics course has been selected to satisfy either the Career Field Concentration or the Second Elective requirement, students must then choose a course from the existing pick list to satisfy the remaining requirement.

Leadership Course Descriptions

COR 003 Student Leadership		1 activity credit

Students enrolling in this course must currently hold a leadership position in a campus organization. This class will provide information on effective leadership techniques and help students establish goals for the organization and develop a plan to achieve them.

LEA 100 Introduction to Personal Leadership Skills		3 credit hours
Fall		

Students will learn about their personal leadership style and improve their skills in conflict management, decision making, goal setting, collaboration, and managing change. Experiential activities will be used to illustrate theories of leadership. Students will also explore opportunities for leadership in the campus community.

LEA 220 Leadership: Foundations, Theory, and Practice		3 credit hours
Spring	Human Behavior exploratory	

In this course students will explore the research and ideas about leadership from historical and critical perspectives. Readings will include work from early history through the ages, including Machiavelli, J.M. Burns, Robert Greenleaf, Stewart Friedman and others. Students will connect their learning to field experiences and contact with leadership groups in Indiana.

LEA 300 Leadership Topics		1-3 credit hours

A topic of current interest in leadership will be taught. Past topics have included Change, Collaboration, Women in Leadership, Sports Leadership, and Leadership in Films.

LEA 315 Leadership Capstone		4 credit hours
Fall, odd academic years	Civic Learning exploratory	Prereq: NPL/SOC 230 & all LA courses

This course provides an integrative experience linking the student's leadership skills and liberal arts preparation to the learning in her/his major field of study. Specifically, the capstone experience will involve direct student participation working with a non-profit organization and that organization's board. Students in the course must develop a project(s) to be carried out with the non-profit. The project will culminate with a public event or presentation. The capstone project must be reviewed and approved by the course instructor and at least one representative of the Engaged Learning Team. Total course experience brings opportunity to think independently, lead responsibly, and serve with integrity. Same as SOC/NPL 315.

LEA 320 Leadership, Creativity, and Innovation		3 credit hours
Fall, even academic years		

Students will examine contemporary alternatives to traditional leader-follower models, and will gain hands-on experience with creative problem solving and designing innovation. Readings will be selected from theorists and practitioners including Margaret Wheatley, Linda Hill, Tom Kelley, Ed Catmull, and Marty Neumeier.

LEA 330 Leadership in a Multicultural Context		3 credit hours
Fall, odd academic years	Comparative Perspectives exploratory	

In this course students will examine how different cultures define leadership and respond to its core elements such as power, vision, conflict, and decision making.

LEA 470 Leadership Seminar		3 credit hours
Spring		

Provides a supervised and guided experience to students pursuing a Leadership Minor. Specifically, the course provides students with mentorship, networking opportunities, special invitations to leadership-related events, and access to meaningful real-world leadership opportunities. Students will be challenged to develop their leadership skills under the supervision of an instructor and through guest lecturers.

LEA 482 Leadership Practicum		1-2 credit hours
		Prereq: instructor permission

A supervised, pre-approved experience that allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

Mathematics

Department: Mathematics and Computing
Department Chair S. Hoehn
Department Members: R. Beasley, J. Boardman, P. Fonstad, J. Gash, S. Hoehn, K. Smith, A. Walls

Majors: Actuarial Science, Applied Mathematics, Pure Mathematics, Quantitative Analysis
Minors: Mathematics, Quantitative Methods
Related Major: Data Science
Related Minor: Data Science

Courses and majors in mathematics and computing are designed to provide students with fundamental knowledge of and facility with concepts and processes in mathematics and computing and to help develop interpersonal and lifetime learning skills so that they can adapt to new challenges and situations in their personal and professional lives. The department seeks to promote active learning in the classroom through the implementation of cooperative learning, discovery learning, and the incorporation of technology in a variety of hands-on experiences.

All required courses for a major or minor in mathematics or computing, including all related field and prerequisite requirements, must be completed with a *C*- or better. Prerequisites for non-majors must also be completed with a *C*- or better. Education students should consult that department for minimum requirements.

Majors in Mathematics
Students who pursue a major in mathematics may select one or more of the following curricular programs: pure mathematics, applied mathematics, actuarial science, and quantitative analysis. A 4+1 engineering program is also available in civil engineering, chemical engineering, and mechanical engineering. See the engineering section of this catalog for further details.

Pure Mathematics Major

Designed for students who are preparing for graduate school by providing a broad theoretical base

Core Requirements

MAT 135 Calculus
MAT 140 Introduction to the Mathematical Sciences
MAT 142 Calculus II
MAT 181 Discrete Mathematics I
MAT 182 Discrete Mathematics II
MAT 224 Basic Applied Statistics
MAT 233 Linear Algebra
MAT 253 Calculus III
MAT 343 Probability Theory
MAT 471 Senior Seminar
MAT 499 Senior Competency Practicum

Professional Development Requirements

PDP 200 Preparing for Your Internship
INT 261 Computing/Math/Statistics Internship

Pure Math Program Requirements

MAT 361 Modern Algebra
MAT 367 Introduction to Real Analysis
One additional MAT course at the 300-level

One of the following courses – *satisfies the senior year experiences requirement for graduation*

MAT 450 Guided Independent Research in Mathematics
MAT 490 Independent Study

Related Field Requirements

Computer modeling

CMP 141 Python for Computing and Data Science I
CMP 150 Computer Tools for Problem Solving

Two of the following courses

CMP 130 Introduction to Computing
CMP 142 Python for Computing and Data Science II
CMP 360 Operations Research

Three additional credit hours approved by the departmental advisor. Courses taken to meet liberal arts exploratory requirements cannot be included.

Actuarial Science Major

An interdisciplinary major consisting of coursework in mathematics, statistics and business designed for students interested in using quantitative methods to assess and manage risk, especially in a financial setting. Note: Not available to Quantitative Analysis majors.

Core Requirements

MAT 135 Calculus
MAT 140 Introduction to the Mathematical Sciences
MAT 142 Calculus II
MAT 181 Discrete Mathematics I
MAT 182 Discrete Mathematics II
MAT 224 Basic Applied Statistics
MAT 233 Linear Algebra
MAT 253 Calculus III
MAT 343 Probability Theory
MAT 471 Senior Seminar
MAT 499 Senior Competency Practicum

Professional Development Requirements

PDP 200 Preparing for Your Internship
INT 261 Computing/Math/Statistics Internship

Actuarial Science Program

MAT 344 Mathematical Statistics
MAT 352 Financial Mathematics
PDP 330 Big Data and the Professional Workplace

Computer Modeling Requirements

CMP 130 Introduction to Computing
CMP 141 Python for Computing and Data Science I
CMP 150 Computer Tools for Problem Solving

Economics, Business, and Accounting Requirements

ACC 221 Principles of Accounting I
ACC 222 Principles of Accounting II
BUS 351 Business Finance
BUS 353 Principles of Risk and Insurance
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics

Recommended Course

ECO 380 Econometrics

Applied Mathematics Major

Designed for students interested in relating theoretical concepts with their applications in other disciplines and in industry (e.g. engineering and operations research).

Core Requirements

MAT 135 Calculus
MAT 140 Introduction to the Mathematical Sciences
MAT 142 Calculus II
MAT 181 Discrete Mathematics I
MAT 182 Discrete Mathematics II
MAT 224 Basic Applied Statistics
MAT 233 Linear Algebra
MAT 253 Calculus III
MAT 343 Probability Theory
MAT 471 Senior Seminar
MAT 499 Senior Competency Practicum

Professional Development Requirements

PDP 200 Preparing for Your Internship
INT 261 Computing/Math/Statistics Internship

Applied Math Program Requirements

MAT 345 Statistical Consulting Project
PDP 330 Big Data and the Professional Workplace

One of the following courses

MAT 256 Differential Equations
MAT 344 Mathematical Statistics

Two of the following courses

MAT 300 Topics in Mathematics
MAT 361 Modern Algebra
MAT 367 Introduction to Real Analysis

Related Field Requirements

Computer modeling

CMP 141 Python for Computing and Data Science I
CMP 150 Computer Tools for Problem Solving

One of the following courses

CMP 130 Introduction to Computing
CMP 142 Python for Computing and Data Science II
CMP 360 Operations Research

Nine additional credit hours selected by the student and approved by a departmental advisor. Courses taken to meet liberal arts exploratory requirements cannot be included.

Quantitative Analysis Major

Designed for students interested in exploring the relationships between mathematics and either marketing, finance, or economics. The list below includes the related field requirements. Note: Not available to Actuarial Science majors.

Core Requirements

MAT 135 Calculus
MAT 140 Introduction to the Mathematical Sciences
MAT 142 Calculus II
MAT 181 Discrete Mathematics I
MAT 182 Discrete Mathematics II
MAT 224 Basic Applied Statistics
MAT 233 Linear Algebra
MAT 253 Calculus III
MAT 343 Probability Theory
MAT 471 Senior Seminar
MAT 499 Senior Competency Practicum

Professional Development Requirements

PDP 200 Preparing for Your Internship
INT 261 Computing/Math/Statistics Internship

Quantitative Analysis Program

PDP 330 Big Data and the Professional Workplace

One of the following courses

MAT 256 Differential Equations
MAT 300 Topics in Mathematics
MAT 345 Statistical Consulting Project
MAT 352 Financial Mathematics
MAT 367 Introduction to Real Analysis

Computer Modeling Requirements

CMP 130 Introduction to Computing
CMP 141 Python for Computing and Data Science I
CMP 150 Computer Tools for Problem Solving
CMP 360 Operations Research

Economics, Business, and Accounting Requirements

ACC 221 Principles of Accounting I
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics

One of the following options

Economics Option

ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
ECO 380 Econometrics

Plus two of the following courses

ECO 330 Money and Banking
ECO 350 International Business & Finance
ECO 360 Labor Economics and Management

Finance Option

ACC 222 Principles of Accounting II
BUS 351 Business Finance
BUS 352 Investments

Plus one of the following courses

ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics

Plus one of the following courses

BUS 353 Principles of Risk and Insurance
ECO 330 Money and Banking

Marketing Option

ACC 222 Principles of Accounting II
BUS 361 Contemporary Marketing
BUS 365 Digital Marketing

Plus one of the following courses

ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics

Plus one of the following courses

ECO 380 Econometrics
PSY 320 Social Psychology

Data Science Major

Please see separate Data Science section in this course catalog.

Cooperative Program in Engineering (Chemical, Civic, Computer, and Mechanical Engineering)

Franklin College maintains a cooperative "4+1" program in engineering with the Witchger School of Engineering at Marian University. Students in this program will earn a Bachelor of Arts degree in Applied Mathematics at Franklin College, and then a Bachelor of Science degree in either Civil Engineering, Chemical Engineering, Computer Engineering, or Mechanical Engineering through the Witchger School of Engineering at Marian University.

Students opting to pursue the degree programs in Civil, Chemical, Computer, or Mechanical Engineering will major in Applied Mathematics at Franklin College and follow the Applied Mathematics course of study given above. Some course substitutions and choices of electives are necessary to complete the engineering portion of the program; details of these and other aspects of the cooperative program can be found in the Engineering section of the catalog.

Mathematics Minor

A minor which provides a broad overview of some of the primary areas of study in mathematics.

Core Requirements

MAT 135 Calculus
MAT 140 Introduction to the Mathematical Sciences
MAT 142 Calculus II
MAT 181 Discrete Mathematics I

Two of the following courses

MAT 182 Discrete Mathematics II
MAT 224 Basic Applied Statistics
MAT 233 Linear Algebra
MAT 253 Calculus III
MAT 256 Differential Equations
MAT 300 Topics in Mathematics
MAT 323 Mathematics for Elementary Teaching I
MAT 324 Mathematics for Elementary Teaching II
MAT 343 Probability Theory
MAT 345 Statistical Consulting Project
MAT 361 Modern Algebra
MAT 363 Topics in Geometry
MAT 367 Introduction to Real Analysis

Quantitative Methods Minor

A minor geared toward students majoring in the social sciences or humanities. Students majoring in mathematics or computer science may not elect this minor.

The following course

MAT 224 Basic Applied Statistics

Twelve credit hours from the following courses

CMP 130 Introduction to Computing **or** **CMP 141** Python for Computing and Data Science I
CMP 150 Computer Tools for Problem Solving
CMP 360 Operations Research
ECO 380 Econometrics
LA 103 Quantitative Reasoning OR **MAT 131** Introduction to Quantitative Analysis
MAT 135 Calculus
MAT 181 Discrete Mathematics I
MAT 182 Discrete Mathematics II
MAT 233 Linear Algebra
MAT 300 Topics in Mathematics
MAT 345 Statistical Consulting Project
PDP 330 Big Data and the Professional Workplace

Data Science Minor

Please see separate Data Science section in this course catalog.

Mathematics Course Descriptions

MAT 115 Math Study Center Theory and Practice		1 credit hour
Fall		

This course will prepare students to work as associates in the Math Study Center. It will include readings and discussion on the fundamentals of tutoring mathematics, mock tutoring sessions, and discussion on tutoring theory and practice. Required for all new Math Study Center associates.

MAT 131 Introduction to Quantitative Analysis		4 credit hours*
Fall and spring		Note: Placement into CMP 130/LA 103/MAT 131 based upon mathematics placement criteria

This course is designed for students who either intend to enroll in MAT 135 or MAT 181 in a subsequent semester or who intend to pursue a degree in economics, business, or accounting. Students will study families of functions and learn how to use them to solve real-world problems. The course will include the mathematics of finance, systems of linear equations and inequalities, logic, sets, and probability. These mathematics skills are essential to the areas of economics, business, accounting, and computing. The course will finish with an introduction to limits and derivatives of a function. Students wishing to pursue an Economics, Business, or Accounting degree with prior credit for MAT 135 or MAT 181 must pass a financial mathematics competency exam, earning a C- (68%) or better, for the MAT 131 requirement to be waived.

***<u>Note</u>: This course does not satisfy the liberal arts mathematics requirement.**

MAT 135 Calculus		4 credit hours
Fall and spring	Fulfills LA 103 requirement	Note: MAT 131 or placement into MAT 135/181/224 based upon mathematics placement criteria

The concept of differentiation is developed using limits and focusing on algebraic, exponential, and logarithmic functions. Applications of derivatives in the sciences and economics are presented, and an introduction to integration concludes the course. The mathematics is presented from analytical, graphical, and numerical perspectives, with extensive use of technology.

MAT 140 Introduction to the Mathematical Sciences		1 credit hour
Fall		Prereq or coreq: MAT 135

An introduction to mathematical processes, methods of problem solving, topics of current interest in mathematics, and the role of mathematics in the workplace. Some topics will extend and supplement the content of MAT 135 Calculus.

MAT 142 Calculus II		4 credit hours
Spring		Prereq: MAT 135 and MAT 140 or consent of instructor

A continuation of MAT 135. Course material includes the rotation of functions in three-dimensional space, applications and techniques of integration, the convergence and divergence of sequences and series, and parameterization.

MAT 181 Discrete Mathematics I		3 credit hours
Fall	Fulfills LA 103 requirement	Note: MAT 131 or MAT 224 or placement into MAT 135/181/224 based upon mathematics placement criteria

This course provides a foundation for the study of discrete (finite) structures. The course focuses heavily on proof techniques and style, including proof by contradiction and proof by contraposition. Boolean algebra and propositional logic make up a large portion of the semester. Additional topics include introductory set theory, methods of counting, and basic probability, including the ideas of expected value and variance. There is also heavy emphasis on the use of typesetting technology, making this course attractive for those considering graduate school in mathematics, computing or the natural sciences.

MAT 182 Discrete Mathematics II		3 credit hours
Spring		Prereq: MAT 181

This course continues, using the content of MAT 181, to delve into discrete topics. Proof by induction is introduced and used throughout the semester. Other topics include properties of the integers, modular arithmetic, relations, and discrete structures, including graphs and trees.

MAT 224 Basic Applied Statistics		3 credit hours
Fall and Spring	Fulfills LA 103 requirement	Prereq: one of the following: CMP 130, LA 103, MAT 131, MAT 135, MAT 181, or placement in MAT 135/181/224

An introduction to statistical reasoning for the natural and social sciences using the computer as a tool to analyze data. Probability concepts, sampling theory, hypothesis testing, estimation, chi-square, t-test, analysis of variance, correlation and regression, and some non-parametric tests are included. Minitab or another statistical package will be used. Same as SOC 224. Students cannot receive credit for both.

MAT 233 Linear Algebra		4 credit hours
Spring		Prereq: MAT 142 or MAT 181 Prereq or coreq: CMP 150 or consent of instructor

The study of systems of linear equations: the determination of whether a system has no, one, or infinitely many solutions and the techniques for obtaining such solutions. The topics include Gaussian elimination, linear independence, matrix algebra, determinants, vector spaces, linear transformations and their matrix representations, spanning sets and bases, rank, eigenvalues and eigenvectors, and orthogonality and least squares. Incorporates use of Matlab software. The course also includes the development and explanation of applications of those concepts and a study of the role of proof in linear algebra with emphasis on reading and writing proofs and using mathematical results to draw conclusions.

MAT 253 Calculus III		4 credit hours
Fall		Prereq: MAT 142 and CMP 150 or consent of instructor

Multidimensional calculus. Vectors, partial derivatives, multiple integrals, alternative coordinate systems, vector fields and line and flux integrals, with applications to volumes, optimization, and motion. Incorporates use of computer algebra system for graphics display and symbolic manipulation. Includes topics in analytic geometry.

MAT 256 Differential Equations		3 credit hours
Spring, odd academic years		Prereq: MAT 142

A study of ordinary differential equations, their applications, and selected methods of solutions both in closed form and by numerical methods. Includes qualitative methods and use of computer technology.

MAT 300 Topics in Mathematics		3 credit hours
Spring, even academic years		Prereq: MAT 142 and MAT 181 or consent of instructor

A topic of current interest in mathematics will be taught. Topics will vary depending on faculty interest.

MAT 323 Mathematics for Elementary Teaching I		2 credit hours
Fall, junior year		Prereq: LA 103; Coreq: EDE 336, EDE 344, EDE 365 & EFE 384; Additional prereq: 2.50 GPA & admission to the teacher education program

This course is the first foundational course in the mathematics content area for elementary education majors. It includes problem solving, sets, functions, exploration of our number system including properties, place value, basic operations and algorithms, and basic concepts of algebra. Problem solving is stressed in each unit. The NCTM Principles and Standards and Indiana's Academic Standards for Mathematics are introduced.

MAT 324 Mathematics for Elementary Teaching II		2 credit hours
Spring, junior year		Prereq: MAT 323; Coreq: EDE 337, EDE 345, EDE 366 & EFE 385; Additional prereq: 2.50 GPA & admission to the teacher education program

This course is the second foundational course in the mathematics content area for elementary education majors. It includes exploration of our number system including properties, basic operations and algorithms, probability, statistics, measurement, coordinate geometry, graphs, and 2- and 3-dimensional geometry. Problem solving is stressed in each unit. The NCTM Principles and Standards and Indiana's Academic Standards for Mathematics are introduced.

MAT 343 Probability Theory		3 credit hours
Fall, odd academic years		Prereq: CMP 150, MAT 142, & MAT 181

An introduction to probability theory, the part of mathematics that studies random phenomena. We model simple random experiments mathematically and learn techniques for studying these models. Topics covered include a review of combinatorics, axioms of probability, discrete and continuous random variables, common probability distributions, expectations, moment generating functions, conditional probability and conditional expectations, multivariate distributions, covariance, laws of large numbers, and the central limit theorem.

MAT 344 Mathematical Statistics		3 credit hours
Spring, odd academic years		Prereq: MAT 224 & MAT 343

A calculus-based course that examines the theoretical foundations of sampling and statistical inference, together with their applications to real-life data. Topics will include sampling theory, properties of estimators, confidence intervals, hypothesis testing, and nonparametric tests. Regression analysis will be covered in-depth. The statistical package R will be used to analyze data sets.

MAT 345 Statistical Consulting Project		3 credit hours
Spring	Civic Learning Exploratory	Prereq: MAT/SOC 224

Each student will work as part of a team to complete a statistical consulting project for a local non-profit agency or other appropriate organization. Special emphasis will be given to the development of skills in project management and consulting. Projects will be chosen to require the use of important statistical concepts such as experimental design, survey design, or regression analysis. Recommended especially for majors in the social sciences who are intending to go to graduate school or for those aiming for careers involving statistical applications. Same as ECO/PSY/SOC 345. Students may receive credit in only one of these cross-referenced courses.

MAT 352 Financial Mathematics		3 credit hours
Fall, even academic years		Prereq: MAT 142 & MAT 182

A calculus-based course that provides an introduction to the fundamental concepts of financial mathematics and how those concepts are applied in calculating present and accumulated values for various streams of cash flows. Major topics will include the mathematical foundations of interest rate measurement, annuities, loans, bonds, general cash flows, immunization, interest rate swaps, and determinants of interest rates. The topics in this course serve as the foundation for the second actuarial exam, Exam 2/FM Financial Mathematics.

MAT 361 Modern Algebra		3 credit hours
Fall, odd academic years		Prereq: MAT 142, MAT 182 & CMP 150 or consent of instructor

Overview of the concepts and applications of algebraic structures. Major topics include basic number theory and modular arithmetic; groups, subgroups and cyclic groups; permutations and dihedral groups; and isomorphisms and homomorphisms. In addition, applications to cryptography and the encoding, transmission, and error-correction of data are also examined.

MAT 363 Topics in Geometry		3 credit hours
On demand		Prereq: MAT 142, MAT 182 & CMP 150 or consent of instructor

An introduction to modern geometric concepts, including foundations of geometry and non-Euclidean geometry. Incorporates use of computer software to illustrate and explore geometric concepts.

MAT 367 Introduction to Real Analysis		3 credit hours
Fall, even academic years		Prereq: MAT 142, MAT 182 & CMP 150 or consent of instructor

An introduction to the theory of functions of a real variable, including limits, continuity, derivatives, integration theory, and sequences and series.

MAT 450 Guided Independent Research in Mathematics		1 credit hour
On demand		Prereq: senior standing or consent of instructor

A semester-long research experience in a mathematical topic of interest. Students will attend an intensive short course held during the first three weeks of the semester and then work with the instructor to develop questions for mathematical investigation. Students then investigate their questions throughout the semester utilizing appropriate mathematical research and problem-solving techniques. Student work will culminate in a public presentation of their research. Students may receive credit for this course through departmentally-approved activities such as participation in REU programs, although all students must participate in the public presentations. Offered only upon demonstration of sufficient demand and with approval of the Vice President of Academic Affairs.

MAT 471 Senior Seminar		3 credit hours
Fall		Prereq: senior standing & departmental consent; Coreq: MAT 499

A capstone course focusing on a re-examination of major mathematical concepts and their relationships and development. A study of the history and philosophy of mathematics establishes a frame within which students prepare for the senior competency exam. Emphasizes individual and team student presentations. Satisfies the senior year portfolio requirements for graduation.

MAT 482 Mathematics Practicum		1-2 credit hours

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

MAT 490 Independent Study		1-2 credit hours
		Prereq: departmental consent

Courses are designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings. Course work is planned by student and instructor jointly to meet student's individual needs.

MAT 499 Senior Competency Practicum		No credit
Fall		Coreq: MAT 471

The senior competency practicum consists of three components. The first component, the joint written comprehensive exam, requires students working in teams to prepare written responses to a set of approximately five questions posed by an outside evaluator. Responses may require experimentation involving computer technology, writing proofs, modeling real situations, and using library and information resources. The second component is an oral examination by three faculty members involving fundamental concepts encountered in the student's major and the relationships between them. The third component is the Major Field Achievement Test in Mathematics, a nationally-normed multiple-choice examination. Students must earn a *C*- on the oral component and a *C* or higher in the entire senior comprehensive practicum.

PDP 330 Big Data and the Professional Workplace		3 credit hours
Spring, even academic years		Prereq: (CMP/DAT 141 or CMP 150), PDP 200 & MAT/SOC 224

This course provides an introduction to the field of statistical learning and the essential tools for making sense of large and complex data sets. The topics include linear regression, classification, resampling methods, shrinkage methods, and tree-based methods. Students will work in teams, each under the coaching of an alumni professional who will serve as an advisor during the project, lead discussions regarding the demands of the professional workplace, and provide individual feedback on the degree to which each student displays professional skills and dispositions. Most of the project work will be conducted in an online environment to provide students with a taste of the conditions experienced by telecommuting professionals.

SNT 489 (MAT) Professional Development Internship in Math		7-10 credit hours
		Prereq: Senior standing or permission of instructor

A semester-long internship requiring 20-30 hours per week on-site under the supervision of a practicing professional and a member of the mathematics faculty. Each student will be responsible to ensure that required reports and other submissions are completed by the scheduled dates. Grading will be on a pass-fail basis.

Medical Laboratory Science

Pre-Medical Laboratory Science Advisor: A. Thapaliya, athapaliya@franklincollege.edu

Adjunct Faculty: Kristi Janson, MSEd, MT(ASCP), Program Director, IU Health Methodist Hospital

Franklin College maintains affiliations with the School of Medical Laboratory Science at IU Health Methodist Hospital in Indianapolis, Indiana. Upon successful completion of a minimum of 90 semester hours (three years) of baccalaureate instruction at Franklin College and the 12-month professional course in medical laboratory science/clinical laboratory science at IU Health, the student is then eligible to receive the baccalaureate degree from Franklin College and a certificate of completion from the IU Health program.

The medical technology courses which can constitute the fourth year in the three plus one program are:

At IU Health
Clinical Chemistry (8 hours)
Clinical Hematology (7 hours)
Clinical Immunohematology (4 hours)
Clinical Microbiology (8 hours)
Education/Management/Research (2 hours)
Serology/Virology (2 hours)
Urinalysis (1 hour)

Program includes student laboratory and clinical rotation phases.

Students interested in this three-year-plus-one-year program should carefully plan Franklin College course selections after consultation with the faculty health professions advising committee.

The criteria utilized by the hospital to select students for admission to the program include the following:

2. Science and cumulative grade point accumulative average of 2.70 (A= 4.00) or better.
2. Letters of recommendation. (see application packets for exact details)
3. Successful completion of the academic prerequisites listed below with a minimum grade of C-.
4. Completed application form.
5. Personal interview.

The application to the IU Health program must be completed by December 1st each year for the program which begins the following summer. Personal interviews must be completed between Oct. 1 and Dec. 15. (Schedule interview appointments prior to Dec. 1.) IU Health participates, along with all of the medical technology programs in Indiana, in a student-school matching program. This matching program is a free service to the applicant. Application forms will be given out and explained during the interview.

Upon successful completion of the program at either hospital, the graduate will then be eligible to take the Board of Certification examination given by the American Society for Clinical Pathology (ASCP) to become certified as a Medical Laboratory Scientist (MLS).

Academic prerequisites for the medical laboratory science program

Biological Science: 16 semester hours, including BIO 134, 140, and 373

Chemistry: 16 semester hours, including CHE 121, 122, 123, 124, 221, 223, and 334

Mathematics: MAT 135 or MAT 224

The minimum total of 90 semester hours required for admission to the IU Health program must include all graduation requirements at Franklin College: a departmental major, six immersive term hours, and the liberal arts program requirements. Successful completion of the clinical year satisfies the required internship or senior year experience for the Biology or Chemistry major.

Tuition and fees for the professional program are handled through the tuition plan at Franklin College. The tuition charged for the hospital portion of the program will be based on the hospital's contract for fees with the college.

For additional information about this program or about other medical technology programs, students should consult with the Pre-Medical Laboratory Science advisor at Franklin College.

Multimedia Journalism & Pulliam School of Journalism

Director: J. Krull
Department Chair: S. McDaniel
Faculty: M. Carter, D. Jaggers, J. Krull, S. McDaniel

Major: Multimedia Journalism
Minors: Multimedia Journalism, Visual Communications

The Pulliam School of Journalism prepares students for careers in which news is delivered through multiple media platforms: online, on-air, in print. Through classroom, lab and professional field experiences, students are engaged and immersed in the exhilarating practice of news reporting. The multimedia focus of the major means that students become proficient in reporting, writing, editing and producing accurate, ethical and meaningful stories for print, broadcast and, especially, online/digital news outlets.

Major and Minor Requirements
All courses for the major, minor and endorsements must be completed with a grade of C- or better. A grade of C- or better is required for all pre-requisite courses regardless of academic major.

Multimedia Journalism Major

Core Requirements

MMJ 115 Reporting, Interviewing and Newswriting
MMJ 135 Editing for Print and Online
MMJ 180 Publication Design
MMJ 190 Digital Photography
MMJ 195 Digital Media Production I
MMJ 255 Video for Digital Journalism
MMJ 445 Communication Law in a Digital World

Immersion Experience

This immersive semester-long experience (during which students take only immersion experience courses) will focus on developing students' storytelling skills. Students will work across media platforms and may be published by professional news operations. This experience will be enhanced by detailed instruction in multimedia storytelling techniques and classroom exploration of contemporary political or public policy issues. Students must have completed successfully MMJ 115, MMJ 120, MMJ 135, MMJ 190, MMJ 195, MMJ 255, and INT 119 before registering for the Immersion Experience, or consent of the instructor. Additionally, there is a Political Science prerequisite (POL 110, POL 225, or POL 234). This experience includes the following courses, which are co-requisites and must be taken concurrently:

INT 200 Multimedia Internship (8 hours)
MMJ 210 Advanced Reporting and Database Research to Immersion (4 hours)

Professional Development

MMJ 120 Ethics and Professional Development
MMJ 498 Multimedia Portfolio
MMJ 499 Multimedia Storytelling Senior Project

Activity Credits

All MMJ majors must participate and earn credit for at least THREE multimedia journalism activity experiences such as:

MMJ 001 Student Media
MMJ 002 Statehouse File
MMJ 005 TV News
MMJ 007 Media Manager

Related Field Requirements: Students are required to choose ONE of the following options

Related Field Option – Twelve credit hours from one academic field outside of major. Cross-listed courses with major courses, such as MMJ/PRL/SPR Publication Design, cannot count toward a related field.

Minor Option – A minor in an academic field outside of major. Students must meet the requirements of the department offering the minor.

Double Major Option – A second major at Franklin College. Students must meet all requirements for both majors.

(Sports Communication majors cannot also do either of the following Multimedia Journalism minors)

Multimedia Journalism Minor (except for Public Relations and Sports Communication majors)

Required Courses

MMJ 115 Reporting, Interviewing, and Newswriting
MMJ 120 Ethics and Professional Development
MMJ 135 Editing for Print and Online
MMJ 180 Publication Design
MMJ 190 Digital Photography
MMJ 195 Digital Media Production I
MMJ 445 Communication Law in a Digital World

Multimedia Journalism Minor (for Public Relations majors only)

A minimum of 16 hours in any combination of the following courses*

MMJ 001 Student Media**
MMJ 002 Statehouse File**
MMJ 005 TV News**
MMJ 007 Media Manager**
MMJ 135 Editing for Print and Online
MMJ/SPR 255 Video for Digital Journalism
SPR 200 Game Coverage
SPR 301 Covering Economics and Public Policy in Sports
SPR 303 Sports Information and Public Relations
SPR 304 Sportscasting

*All pre-requisites for courses must be met as listed in the catalog description for each course. Courses required for the public relations major cannot be double-counted as courses for a minor in multimedia journalism. A minimum grade of C- is required in all courses counted toward the minor.

**Only one-time successful activity course completion can be counted toward the multimedia journalism minor for public relations majors, no repeat credit for an individual course.

Public Relations Minor (for Multimedia Journalism majors)

Required Courses

PRL 221 Public Relations Practice Areas
PRL 222 Social Media Strategy and Tactics
PRL 333 Public Relations Writing
PRL 334 Learning Engagement with Public Relations Professionals
BUS 101 Introduction to the Business Mindset
SOC 230 Introduction to Nonprofits

Visual Communications Minor

Required Courses

ART 140 Graphic Design I
ART/MMJ/PRL/SPR 190 Digital Photography
ART 240 Graphic Design II
ART 290 Digital Fine Art Photography II
MMJ 195 Digital Media Production I
MMJ/SPR 255 Video for Digital Journalism

Multimedia Journalism Course Descriptions

MMJ 001 Student Media		1 activity credit
Fall and Spring		

Students will work on refining their reporting, writing and editing skills by working across media platforms for media that make use of print, audio, video and current industry software.

MMJ 002 Statehouse File		1 activity credit
Fall, Spring, and Summer		Prereq: MMJ 001 (can be satisfied concurrently with permission of advisor)

Students refine their reporting, writing, and editing skills by working across media platforms that make use of print, audio, video and current industry software. Work will appear on the Franklin College Statehouse Bureau website, www.thestatehousefile.com and with the bureau's news partners.

MMJ 005 TV News		1 activity credit
Fall and Spring		

Laboratory course in video production. Students may work on The Statehouse File newscast or other video productions as approved by the course instructor.

MMJ 007 Media Manager		2 activity credits
Fall and Spring		

All student media managers must enroll in MMJ 007 in the semester(s) during which they manage a student media outlet.

MMJ 115 Reporting, Interviewing, and Newswriting		3 credit hours
Fall and Spring		

This course will focus on the processes of news and information gathering making use of different media platforms. Students will learn the techniques of interviewing and will learn to challenge the information they gather. The emphasis will be on developing reporting skills so students can gather accurate information. Same as PRL/SPR 115.

MMJ 120 Ethics and Professional Development		3 credit hours
Fall and Spring		

An introduction to basic aspects of professionalism required of multimedia journalists and public relations professionals. Course emphases are on professional ethics codes of journalism and public relations with an examination of case studies; basic concepts and terminology of journalism; business etiquette; multimedia and public relations career options; basics of Associated Press style; resume and cover letter preparation; and internship preparation. Same as PRL/SPR 120.

MMJ 135 Editing for Print and Online		3 credit hours
Fall and Spring		

This course introduces students to copyediting, self-editing and fact-checking skills needed to publish stories for the Web, broadcast and print. Same as SPR 135.

MMJ 180 Publication Design		3 credit hours
Fall and Spring		

This course will focus on fundamentals of typography including theory and practice in visual communication. By exploring typography, photography, layout, grids, and the principles of contrast, repetition, alignment, proximity, and hierarchy, students will create ethical, compelling, and effective two-dimensional designs. Through lectures, projects, and classroom critiques, the focus is on designing publications, information graphics and interactivity. Proficiency in Adobe InDesign and Illustrator required or willingness to learn through online tutorials. Same as PRL/SPR 180.

MMJ 190 Digital Photography		3 credit hours
Fall and Spring	Creative Arts exploratory	

This course offers a broad exploration of digital photography and its applications both as a fine art and for storytelling purposes. The curriculum begins with fundamental aspects such as camera controls, composition, and lighting. It progresses to more intricate topics that delve into the dynamic relationship between the photographer and the audience. Students will be required to create content using appropriate gear and prepare it for distribution across multiple platforms as appropriate for the message intended. Fall and spring. *Fee: $20 nonrefundable*. Same as ART/PRL/SPR 190.

MMJ 195 Digital Media Production I		3 credit hours
Fall and Spring		Prereq: ART/MMJ/PRL/SPR 190

Introduces storytelling across a variety of digital platforms, including basic concepts of audio, video, and multimedia technologies, as well as social media. Emphasis on understanding the processes from reporting to content creation, as well as the aesthetics and production techniques to achieve high quality content for different audiences. Same as PRL/SPR 195.

MMJ 210 Advanced Reporting & Database Research to Immersion		4 credit hours
Fall and Spring		Prereq: INT 119, MMJ 115, MMJ 120, MMJ 135, MMJ 190, MMJ 195, MMJ 255, & either POL 110, POL 225, POL 234 Coreq: INT 200

This course is required as part of the Immersion Experience as students learn to apply the lessons of the classroom to the reporting environment in a professionally-run news bureau located at the Indiana Statehouse. Students will develop their storytelling skills in multi-media formats as they build on their reporting, interviewing and writing skills to explore issues with more depth and range. Central to the course is learning to compile, analyze and use data from a variety of sources in the storytelling process. The students' work will be published or presented across media platforms through www.thestatehousefile.com and its newsgathering partners. Course prerequisites are listed in the Immersion experience prerequisites.

MMJ 255 Video for Digital Journalism		3 credit hours
Spring		Prereq: MMJ/PRL 195 or consent of instructor

Designed to introduce broadcast writing and to enhance opportunities to develop broadcast-style shooting and editing skills. This course adds onto the video skills learned in Video for Digital Journalism I. Students will learn to shoot voice overs, voice overs with sound bites and full packages suitable for broadcast featuring news and sports content. Students will also learn to produce scripts for broadcast delivery, as well as the process of creating newscast/sportscast rundowns. Video studio techniques and procedures will be taught in the PSJ video lab. Distribution of individual stories via social media will be required. Same as SPR 255.

MMJ 300 Topics in Multimedia News		3 credit hours

A topic of current interest in multimedia news will be taught. Topics will vary depending on faculty and student interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

MMJ 380 Practicum		1-2 credit hours
Fall and Spring		

Experience on campus in areas directly related to the media; internships or off-campus on-the-job training. *Open only to sophomores, juniors, and seniors.*

MMJ 445 Communication Law in a Digital World		3 credit hours
Fall and Spring	Civic Learning exploratory	

Students will be introduced to First Amendment law as it relates to professional communicators. Topics will include First Amendment theory, libel law, invasion of privacy law, copyright law, news-gathering rights, public relations law and advertising law. Same as PRL/SPR 445.

MMJ 490 Independent Study		1-2 credit hours
Fall and Spring		Prereq: consent of instructor

Course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program.

MMJ 498 Multimedia Portfolio		No credit
Fall and Spring		

Each student must develop a digital portfolio containing a significant and appropriate body of work that, by the time of graduation, demonstrates to a potential employer that the student is ready to make the transition to the professional workplace. Each portfolio also must demonstrate the student's understanding of linkages among leadership, the liberal arts, and the student's intended career. The specific format and content of the portfolio is determined by the faculty. Students must enroll in MMJ 498 in fall or spring semester of the senior year. Portfolios will receive either a passing or failing grade by the Pulliam School of Journalism faculty. Deficiencies must be corrected before the portfolio is certified as passing. MMJ 498 and 499 should be taken together in the student's final semester.

MMJ 499 Multimedia Storytelling Senior Project		No credit
Fall and Spring		

Students will demonstrate and showcase the skills they have acquired through their careers at the Pulliam School of Journalism by creating an in-depth package of stories about a significant public issue that is told from multiple media platforms. In addition to the multimedia journalism skills that must be demonstrated to successfully complete this graduation requirement, students will be expected to meet all deadlines, be quickly responsive to communications from staff/faculty project supervisors, and adhere to principles of media law and ethics. MMJ 498 and 499 should be taken together in the student's final semester.

Music

Department Chair: C. Hayes
Music Faculty: E. DeForest, R. Greenwell, C. Hayes, J. Rice, C. Shen, J. Torres

Major: Music
Minor: Music

The music program at Franklin College is dedicated to the cultivation of excellence in the areas of musical performance, pedagogy and scholarship. Through music theory, music history and literature courses, applied lessons, and ensemble participation, the music faculty aspires to develop student understanding of the complex systems of music, the contextual information regarding compositions, and the performance considerations inherent in each musical composition. Music students experience a variety of music at Franklin College through guest performances by music professionals, student recitals, master classes and seminars. A Franklin College student studying music is preparing for a life in music, whether as a vocation or an avocation, by further developing their musicianship and research skills.

All credit bearing music courses required of a music major or minor will receive A-F grading. All courses for music majors, minors, and endorsements must be completed with a *C*- or above. All prerequisites and related field courses must also be completed with a *C*- or above.

Music Major

***Note**: All prospective music majors must receive permission from the music faculty prior to formal declaration of the major. Transfer students will be asked to give a formal audition.*

***Also**: All prospective music majors with prior piano experience may opt to take a piano placement examination to satisfy the requirements of MUS 180 and MUS 181. Regardless of placement, all music majors must pass MUS 112 prior to graduation.*

Core Requirements

MUS 110 Theory and Musicianship I
MUS 111 Theory and Musicianship II
MUS 112 Piano Proficiency Examination
MUS 115 Aural Skills I
MUS 116 Aural Skills II
MUS 210 Theory and Musicianship III
MUS 211 Theory and Musicianship IV
MUS 215 Aural Skills III
MUS 216 Aural Skills IV
MUS 310 Conducting and Score Preparation
MUS 330 Music History I
MUS 331 Music History II
MUS 499 Senior Competency Examination

Professional Development Requirements

MUS 498 Senior Portfolio
PDP 200 Preparing for Your Internship
SNR/SNT 489 (MUS) Senior Recital

Ensemble Requirements – choose one performance area

Vocalists

MUS 121 Franklin College Singers – *4 semesters*
MUS 122 Men's Chorus or **MUS 123** Women's Chorus – *1 semester*

Pianists

MUS 121 FC Singers, **MUS 124** FC Band or **MUS 125** String Ensemble – *2 semesters*
MUS 122 Men's Chorus or **MUS 123** Women's Chorus – *1 semester*
MUS 126 Piano Accompanying – *2 semesters*

Other Instrumentalists

MUS 124 FC Band or **MUS 125** String Ensemble or **MUS 127** Percussion Ensemble* – *4 semesters*
**At least one semester must be MUS 127 Percussion Ensemble*
MUS 121 FC Singers, **MUS 122** Men's Chorus or **MUS 123** Women's Chorus – *1 semester*

Applied Study Requirements

MUS 101 Applied Voice, **MUS 102** Applied Piano, **MUS 103** Applied Guitar, **MUS 104** Applied Woodwind, **MUS 105** Applied Brass, **MUS 106** Applied String, or **MUS 107** Applied Percussion – *4 semesters*

MUS SEM Performance Seminar – *every semester in applied study*

MUS 180 Piano Class I – *unless student passes placement exam**

MUS 181 Piano Class II – *unless student passes placement exam**

*These courses are not required, but are available to prepare students to pass MUS 112

Literature and Pedagogy Requirements-Vocal and Piano Track*

MUS 343 Survey of Vocal and Choral Literature or **MUS 353** Survey of Piano Literature

MUS 344 Vocal Pedagogy and Lyric Diction or **MUS 354** Piano Pedagogy

*Students may substitute two alternative courses approved by departmental advisor.

Literature and Pedagogy Requirements-Instrumental Track

MUS 127 Percussion Ensemble (one semester)

MUS 321 Woodwind Methods and Pedagogy

MUS 323 Brass Methods and Pedagogy

MUS 334 Survey of Band and Orchestra Literature

Related Field Requirements *(These course requirements are waived if the student has a double major or a minor.)*

One course with **THE** prefix and the remaining credits as approved by the department chair

Music Minor

***NOTE**: All prospective music minors with prior piano experience may opt to take a piano placement examination to satisfy the requirements of MUS 180 and MUS 181. Regardless of placement, all music minors must pass MUS 112 prior to graduation.*

Core Requirements

MUS 110 Theory and Musicianship I

MUS 111 Theory and Musicianship II

MUS 112 Piano Proficiency Exam

MUS 115 Aural Skills I

MUS 116 Aural Skills II

MUS 330 Music History I

MUS 331 Music History II

Literature

MUS 334 Survey of Band and Orchestra Literature (Instrumentalists)

MUS 343 Survey of Vocal and Choral Literature (Vocalists)

MUS 353 Survey of Piano Literature (Pianists)

Ensemble Requirements - choose one performance area

Vocalists

MUS 121 Franklin College Singers – *three semesters*

MUS 122 Men's Chorus or **MUS 123** Women's Chorus – *two semesters*

Pianists

MUS 121 FC Singers, **MUS 124** FC Band or **MUS 125** String Ensemble – *four semesters*
MUS 122 Men's Chorus or **MUS 123** Women's Chorus – *two semesters*

Other Instrumentalists

MUS 124 FC Band or **MUS 125** String Ensemble – *four semesters*
MUS 121 FC Singers, **MUS 122** Men's Chorus or **MUS 123** Women's Chorus – *two semesters*

Applied Study Requirements

MUS 101 Applied Voice, **MUS 102** Applied Piano, **MUS 103** Applied Guitar, **MUS 104** Applied Woodwind, **MUS 105** Applied Brass, **MUS 106** Applied String, or **MUS 107** Applied Percussion – *two semesters*
MUS SEM Performance Seminar – *two semesters when registered for applied lessons*
MUS 180 Piano Class I – *unless student passes placement exam**
MUS 181 Piano Class II – *unless student passes placement exam**

*These courses are not required, but are available to prepare students to pass MUS 112

One course with the ART or THE prefix

Music Course Descriptions

Private music lessons		1 credit hour-majors/.5 credit hour-non-majors
Fall and Spring		

Instruction in voice, piano, guitar, woodwind, brass, percussion, and strings is offered on a private-lesson basis to all Franklin College students. There is an additional $250 fee assessed per credit each semester. This fee entitles the non-Music major to take 14 half-hour lessons, and the Music major to take 14 one-hour lessons. The student may register for private lessons in as many subsequent semesters as desired.

MUS 101 Applied Voice-Majors--1 hr credit **MUS 101B Applied Voice-Non-Majors--.5 hr credit**
MUS 102 Applied Piano-Majors--1 hr credit **MUS 102B Applied Piano-Non-Majors--.5 hr credit**
MUS 103 Applied Guitar-Majors--1 hr credit **MUS 103B Applied Guitar-Non-Majors--.5 hr credit**
MUS 104 Applied Woodwind-Majors--1 hr credit **MUS 104B Applied Woodwind-Non-Majors--.5 hr credit**
MUS 105 Applied Brass-Majors--1 hr credit **MUS 105B Applied Brass-Non-Majors--.5 hr credit**
MUS 106 Applied String-Majors--1 hr credit **MUS 106B Applied String-Non-Majors--.5 hr credit**
(This course subject to availability of a qualified instructor and sufficient enrollment.)
MUS 107 Applied Percussion-Majors--1 hr credit **MUS 107B Applied Percussion-Non-Majors--.5 hr credit**

MUS SEM Performance Seminar		No credit
Fall and Spring		

The Performance Seminar is a communal learning forum for all Franklin College music majors and music minors in applied lessons, as well as the music faculty. Other students in applied lessons are welcome to enroll as well. Each week, students will perform pieces they are studying in their applied lessons for the seminar in a Master Class setting. Members of the Franklin College music faculty will provide feedback to demonstrate tools for improving performance and technique. Participants in the seminar will offer additional suggestions and may ask questions that apply to their own repertoire. Guest musicians will attend a few seminars during the semester. In addition, seminar participants are required to attend all concerts sponsored by Franklin College during the semester. Graded on a pass/fail basis.

MUS 011 Music Activity		1 activity credit

Music ensemble activity, such as African Drumming Ensemble, Jazz Ensemble, Ukelele, and Franklin College Drumline.

MUS 110 Theory and Musicianship I		3 credit hours
Fall, even academic years		

The study of theory and musicianship is designed to develop a student's ability to think in musical sound. A student will learn to hear and write the patterns of music and to understand how music is organized. Theory involves the writing and analysis of music while musicianship involves the skills of ear training and sight singing.

MUS 111 Theory and Musicianship II		3 credit hours
Spring, even academic years		Prereq: Grade of C- or better in MUS 110 or equivalent

Theory and Musicianship II is the second semester of the three-semester course sequence that is designed to develop a student's ability to think in musical sound. This course focuses on diatonic harmony. This course continues the student's musical development in areas of writing and analyzing music and development of ear training and sight singing skills.

MUS 112 Piano Proficiency Examination		No credit

NOTE: All prospective music majors and minors must pass MUS 112 prior to graduation.
Successful completion of the piano proficiency examination is required of all music majors and minors. Students may be required to take MUS 180 and MUS 181 prior to the piano proficiency examination.

MUS 115 Aural Skills I		1 credit hour
Fall, even academic years		Co-requisite: MUS 110

Aural Skills I is the introductory course of the four-semester Aural Skills sequence. Through this sequence, students will learn to sight-sing pitch and rhythm in various keys and modalities using solfege. Aural Skills I will focus on simple beat division and diatonic melodies and intervals. Fall even years. Co-requisite MUS 110.

MUS 116 Aural Skills II		1 credit hour
Spring, even academic years		Co-requisite: MUS 111

Aural Skills II is the second course of the four-semester Aural Skills sequence. Through this sequence, students will learn to sight-sing pitch and rhythm in various keys and modalities using solfege. Aural Skills II will focus on complex beat division and diatonic major and minor melodies and intervals. Spring even academic years. Corequisite MUS 111.

MUS 119 Introduction to Music		4 credit hours
Spring	Creative Arts exploratory	

This introductory course in music provides students with a fundamental understanding of how music is valued in societies, how the elements of music interrelate in musical compositions, and how musical style is recognized from various historical periods and different cultures. While students come to understand and appreciate diverse styles and genres of music they also develop active listening skills and increase their ability to articulate their musical preferences.

MUS 121 Franklin College Singers		1 credit hour
Fall and Spring	Fulfills Creative Arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125; 127	

Franklin College Singers is a chamber ensemble that is committed to excellence in choral singing. The ensemble performs in concert on campus, at campus athletic events, in the Franklin community, and in area schools and churches. The Franklin College Singers uphold the mission statement of the college and strive to represent the vision of the college both on and off-campus. The high performance standards established by the conductor, upheld by the college, and inherent within the choral repertoire require individual dedication, time, and positive attitude. Graded.

MUS 122 Men's Chorus		1 credit hour
Fall and Spring	Fulfills Creative Arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125; 127	

This non-auditioned choir is open to all men at Franklin College who enjoy singing. Rehearsals will address music reading skills and voice skills. The ensemble frequently performs for events on campus and in the greater community. Graded.

MUS 123 Women's Chorus		1 credit hour
Fall and Spring	Fulfills Creative Arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125; 127	

This non-auditioned choir is open to all women at Franklin College who enjoy singing. Rehearsals will address music reading skills and voice skills. A variety of choral music for women's voices will be performed on campus and within the Franklin community. Graded.

MUS 124 Franklin College Band		1 credit hour
Fall and Spring	Fulfills Creative Arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125; 127	

The Franklin College Band is open to all students with high school band experience and is dedicated to the musical enrichment of the campus and community. The band performs as a pep band for athletic events and as a wind ensemble for concerts each semester. Graded.

MUS 125 String Ensemble		1 credit hour
On demand	Fulfills Creative Arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125; 127	

The String Ensemble is open to all students with high school orchestra experience and is committed to the musical enrichment of the campus and community. The string ensemble plays chamber music for a variety of events and concludes with a concert each semester. Graded.

MUS 126 Piano Accompanying		1 credit hour
On demand		

Accompanying is an ensemble for pianists which develops accompanying skills through practical application. The student will participate in collaborative performing projects with vocalists, instrumentalists or choirs, in settings such as rehearsals, concerts, recitals, vocal applied lessons, vocal literature classes, instrumental and chamber music, church services or musical theatre productions.

MUS 127 Percussion Ensemble		1 credit hour
Spring	Fulfills Creative Arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125; 127	

The Percussion Ensemble is a chamber ensemble that is committed to percussion performance. The ensemble is open to students with a limited knowledge of music who desire to gain experience learning and playing percussion instruments. The ensemble performs in concert on campus, in the Franklin community, and in area schools. The Percussion Ensemble upholds the mission statement of the college and strives to represent the vision of the college both on and off-campus. Graded.

MUS 170 Class Guitar I		2 credit hours
On demand	Together, with MUS 171, fulfills Creative Arts exploratory	

This guitar class is intended as a one-semester introduction to playing popular songs. This will involve learning basic open chords (major, minor, dominant seventh) as well as their progressions and learning to read and play single notes on the sixth, fifth, and fourth strings. Students will also learn basic rhythmic values of notes. During the second seven weeks of the class, students will learn to play bar chords, read and play single notes on the third, second, and first strings, and learn about dotted and tied rhythms. This course is subject to the availability of a qualified instructor and sufficient enrollment.

MUS 171 Class Guitar II		2 credit hours
On demand	Together, with MUS 170, fulfills Creative Arts exploratory	Prereq: MUS 170 or audition

This guitar class builds upon the skills learned in MUS 170. This course is intended for students who can comfortably play bar chords and have basic knowledge of the instrument. Students will learn how to play and build more advanced harmonies, gain basic knowledge of single line melodies and their improvisation, and start finger picking exercises for the right hand. This course is subject to the availability of a qualified instructor and sufficient enrollment.

MUS 180 Class Piano I		2 credit hours
Fall	Together, with MUS 181, fulfills Creative Arts exploratory	

Open to all students, this is a beginning level piano class. Students will learn how to play the piano and how to read musical notes and rhythms. Students will learn how to build and play chords. Music styles will include folk, patriotic, and holiday songs, and other familiar tunes. Piano technique will include scales and chord progressions. Class occurs in the electronic piano lab and students will have access to piano practice rooms during the week.

MUS 181 Class Piano II		2 credit hours
Spring	Together, with MUS 180, fulfills Creative Arts exploratory	Prereq: A grade of C- or better in MUS 180 or equivalent

Open to all students, this is the second semester of beginning level piano for students who have taken MUS 180 or for students who have a little background in playing the piano. Students will continue with music reading, chord building, harmonizing melodies and improvising in addition to learning more songs. Class occurs in the electronic piano lab and students will have access to piano practice rooms during the week.

MUS 210 Theory and Musicianship III		3 credit hours
Fall, odd academic years		Prereq: Grade of C- or better in MUS 111

Theory and Musicianship III is the final semester of the three-semester course sequence that is designed to develop a student's ability to think in musical sound. This course focuses on chromatic harmony, sight-singing, and macro & micro analysis.

MUS 211 Theory and Musicianship IV		3 credit hours
Spring, odd academic years		Pre-req: Grade of C- or better in MUS 210 Co-requisite: MUS 216

Theory and Musicianship IV is the fourth semester of the four-semester course sequence that is designed to develop a student's ability to think in musical sound. This course focuses on form and analysis.

MUS 215 Aural Skills III		1 credit hour
Fall, odd academic years		Co-requisite: MUS 210

Aural Skills III is the third course of the four-semester Aural Skills sequence. Through this sequence, students will learn to sight-sing pitch and rhythm in various keys and modalities using solfege. Aural Skills III will focus on chromaticism, hemiola, and uncommon time and rhythm. Fall odd years.

MUS 216 Aural Skills IV		1 credit hour
Spring, odd academic years		Co-requisite: MUS 211

Aural Skills IV is the fourth and final course of the four-semester Aural Skills sequence. Through this sequence, students will learn to sight-sing pitch and rhythm in various keys and modalities using solfege. Aural Skills IV will focus on medieval modes, twentieth-century music, and contemporary music techniques. Spring odd years. Corequisite MUS 211.

MUS 219 World Music		3 credit hours
Fall	Creative Arts and International exploratories	

A survey of Non-Western Music from across the globe. Students will develop skills for describing various musical styles and work toward understanding music's role in cultural identity. Students will learn to play instruments from these societies in a weekly performance lab and may choose to participate in a concert on campus at the end of the semester. No prior musical experience is necessary.

MUS 225 Foundations of Music Education		2 credit hours
On demand		

Designed for students entering the T2T program, this course exposes students to the history, philosophy and psychological/sociological bases of music education. Students will study theories of musical development with a focus on K-12 music learning in the classroom and applied studio. An emphasis will be placed on curriculum planning and development. Other areas of study will include pedagogical approaches to music teaching and the use of technology in the music classroom.

MUS 300 Topics in Music		3 credit hours

A topic of current interest in music will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

MUS 310 Conducting and Score Preparation		2 credit hours
Spring, odd academic years		Prereq: Grade of C- or better in MUS 110 and 111 or instructor permission

This course functions to establish and develop basic conducting skills with an emphasis on simple metrical patterns, fundamental conducting technique, non-verbal communication, and the basics of score study. This course will integrate components of music theory, history and performance in such a way that each student will gain the skills that are appropriate to prepare and conduct rehearsals and performances.

MUS 321 Woodwind Methods and Pedagogy		1 credit hour
Spring, odd academic years		

This course offers students instruction on woodwind instruments and provides students with a basic knowledge of how the instruments work and how to play them properly. Through hands-on experience and further class instruction, students will also develop a knowledge of best practices in woodwind pedagogy.

MUS 322 String Methods and Pedagogy		1 credit hour
On demand		

This course offers students instruction on string instruments and provides students with a basic knowledge of how the instruments work and how to play them properly. Through hands-on experience and further class instruction, students will also develop a knowledge of best practices in string pedagogy.

MUS 323 Brass Methods and Pedagogy		1 credit hour
Spring, even academic years		

This course offers students instruction on brass instruments and provides students with a basic knowledge of how the instruments work and how to play them properly. Through hands-on experience and further class instruction, students will also develop a knowledge of best practices in brass pedagogy.

MUS 328 Choral and Instrumental Arranging		2 credit hours
On demand		

This course will introduce music students to common technology used within the music industry to arrange musical works for both choral and instrumental ensembles. Students will learn and apply instrument and vocal ranges and timbres, effective voicing of chords and appropriate voice leading, as well as combining timbres for both standard and unique ensembles.

MUS 330 Music History I-Early to 1750		4 credit hours
Fall, odd academic years	Creative Arts exploratory	Prereq: MUS 110 & MUS 111

This course is a survey of Western Music from its early beginnings to the Classical Era. The course will offer opportunities to become involved with music from a historical perspective, examining the cultural and societal norms which drive the creative processes of the time. A focus will be placed upon the examination of many works representing various genres within the Early, Medieval, Baroque and Galant periods.

MUS 331 Music History II-1750 to present		4 credit hours
Spring, odd academic years	Creative Arts exploratory	Prereq: MUS 110 & MUS 111

This course is a survey of Western Music from the Classical period to the present. The course will offer opportunities to become involved with music from a historical perspective, examining the cultural and societal norms which drive the creative processes of the time. A focus will be placed upon the examination of many works representing various genres within the Classical, Romantic, and Modern/Post-Modern periods.

MUS 334 Survey of Band and Orchestra Literature		3 credit hours
Spring, odd academic years		

This course will introduce the instrumental music student to the major works in the band and orchestra literature. Literature will be investigated according to historical context, style, interpretation, and performance and programming issues. Instrumental music majors should take this class in conjunction with MUS 310.

MUS 343 Survey of Vocal and Choral Literature		3 credit hours
Fall, even academic years		

This course will introduce the voice student to the primary genres of vocal and choral literature from the Renaissance to the 20th century. Vocal and choral repertoire will be investigated according to historical context, style, interpretation and performance and programming issues.

MUS 344 Vocal Pedagogy and Lyric Diction		3 credit hours
Spring, even academic years		

This course involves the study of two areas involved with singing: Vocal Pedagogy and Lyric Diction. Vocal Pedagogy (teaching singers how to teach singing) will include the study of the anatomy and physiology of the larynx, breathing mechanism, and skeletal structure as it relates to singing. It will also involve the study of such topics as phonation, resonance, vowel formants, registration, timbre, vocal health and teaching transgender singers. This portion of the course will include a practical involving teaching voice lessons to a beginning singer. Lyric Diction is the study of how words are pronounced. The students will learn to use the International Phonetic Alphabet and apply it to the pronunciation of words in English, German, French and Italian.

MUS 353 Survey of Piano Literature		3 credit hours
On demand		

This course provides students with a survey of the major compositions for piano from 1600 to the present. In addition to listening to and analyzing this music, students will look at the cultural influences, historical development, nationalistic tendencies, and contemporary impact on the composers.

MUS 354 Piano Pedagogy		3 credit hours
On demand		

This course is an intensive and comprehensive presentation of the various aspects of the piano teaching profession, including a study of techniques and methods for teaching the beginning and intermediate student. A survey of various materials for teaching piano are examined with an emphasis on evaluation and critical analysis of integral elements necessary to achieve music literacy, keyboard musicianship and comprehensive training.

MUS 359 Music Methods		2 credit hours
Offered on demand		

Fundamentals of musical notation, scales, keys, and intervals introduced in such a way as to give prospective elementary music teachers a practical working knowledge of the various facets of music (reading, singing, playing, listening, and creating) needed to conduct an effective music program in a classroom. Course is required for elementary education majors seeking a music addition to their elementary license.

MUS 482 Music Practicum		1-2 credit hours
		Prereq: instructor permission

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

MUS 490 Independent Study		1-2 credit hours
		Prereq: departmental and instructor consent

A course designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

MUS 498 Senior Portfolio		No credit

Each student must develop a portfolio containing an appropriate body of work, by the time of graduation, demonstrates the student is ready to make the transition to graduate school or the professional workplace.

MUS 499 Senior Competency Examination		No credit
		Prereq: MUS 110, 111, 112, 210, 310, 330 & 331

Senior music majors take a written, oral and aural comprehensive examination covering basic musical principles and material from the required music courses. Grade of C- or better required.

SNR/SNT 489 (MUS) Senior Recital		1 credit hour

During the senior year the student will plan and perform a solo recital on campus. In consultation with his/her applied instructor the student will draw from all aspects of music study including theory, history, performance, and research in selecting repertoire, preparing program notes, and promoting the performance.

IMO 491 Music Teaching Observation		3 credit hours

Music teaching observation for students planning to complete music teaching licensure.

Neuroscience

Departments: Biology, Chemistry & Physics, and Psychology

Neuroscience, the study of the structure, development, chemistry, pathology, and function of the nervous system, can trace its origins to prehistory. In the intervening millennia, the study of the nervous system continued, with the beginning of the 20th century marking the age of modern neuroscience. Since then, the rapid advancement in medical science has fueled an exponential growth of the field.

Though some neuroscience careers require advanced degrees, there are many possible, high-paying positions for those graduating with a bachelor's degree in neuroscience. These opportunities can range from pharmaceutical sales to clinical research, and from work in nonprofit science advocacy to law enforcement. The different concentrations in this major allow students to tailor their course work to both their interests and to their career goals. Students wishing to continue their education in neuroscience with the pursuit of a graduate degree can choose from over 52 Masters and 58 Ph.D. programs here in the United States alone.

Neuroscience Major

Core Requirements

BIO/KIN 121 Medical Terminology & Documentation for Allied Health Professionals
BIO 134 & BIO 134L Principles of Biology
BIO 140 & BIO 140L Cell Biology
BIO 225 Bioethics
CHE 121 General Chemistry I
CHE 123 General Chemistry I Lab
CHE 122 General Chemistry II
CHE 124 General Chemistry II Lab
MAT 224 Basic Applied Statistics
PSY 117 General Psychology
PSY 210 Introduction to Neuroscience
PSY 322 Behavioral Neuroscience

Professional Development Requirements

PDP 200 Preparing for your Internship **OR** **BIO 390** Professional Development Planning
INT 425 Neuroscience Internship (at least two (2) credit hours)

Capstone Requirements

NEU 498 Senior Project in Neuroscience
NEU 499 Senior Competency Practicum

Neuroscience Concentration Requirements

Select FOUR (4) courses from ONE (1) concentration below
*Required course for the concentration

Biology Concentration

BIO 210 Human Anatomy and Physiology I
BIO 215 Human Anatomy and Physiology II
BIO 350 Human Genetics

BIO 360 Animal Physiology
BIO 373 Microbiology
BIO 374 Advanced Cell and Molecular Biology
BIO 382 Comparative Animal Behavior
BIO 392 Techniques in Biotechnology and Biochemistry

Physical Sciences Concentration

CHE 221 Organic Chemistry I and **CHE 223** Organic Chemistry I Lab
CHE 222 Organic Chemistry II and **CHE 224** Organic Chemistry II Lab
CHE 227 Analytical Chemistry
CHE 334 Biochemistry
CHE 392 Techniques in Biotechnology and Biochemistry
CHE 448 Instrumental Analysis
PHY 355 Ultrasonography
PHY 357 Radiation and Health
PHY 365 Biomedical Optics

Psychology Concentration

PSY 240 Psychological Disorders and Mental Wellness
PSY 324 Psychology of Learning
PSY 326 Psychopharmacology
PSY 328 Cognitive Psychology

Neuroscience Electives
Select ONE (1) course from EACH area outside your concentration

Neuroscience Minor

Core Requirements

BIO 140 Cell Biology
CHE 112 Introductory Chemistry OR **CHE 121/123** General Chemistry I and Lab
PSY 210 Introduction to Neuroscience
PSY 322 Behavioral Neuroscience

One of the following options

BIO 210 Human Anatomy & Physiology I
BIO 350 Genetics
BIO 373 Microbiology
BIO 374 Advanced Cell and Microbiology
BIO 382 Comparative Animal Behavior
CHE 122/124 General Chemistry II and Lab
PHY 355 Ultrasonography
PHY 357 Radiation and Health
PHY 365 Biomedical Optics
PSY 324 Psychology of Learning
PSY 326 Psychopharmacology
PSY 328 Cognitive Psychology

Complete course descriptions for each of these offerings may be found elsewhere in this catalog under the appropriate major headings.

Neuroscience Course Descriptions

NEU 490 Independent Study		1-2 credit hours
		Prereq: departmental consent

Course designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

NEU 498 Senior Project in Neuroscience		1-2 credit hours
Fall and spring		

Students will demonstrate and showcase knowledge acquired through their study of neuroscience by conducting an original experiment or producing a comprehensive synthetic review of a topic in neuroscience. This course can be conducted by any Psychology or Natural Sciences faculty member willing and best suited for the project.

NEU 499 Senior Competency Practicum		0 credit hours
Spring, senior year		

An examination covering basic neuroscience principles and material from the core neuroscience curriculum. Grade of D- or better required.

Nursing
Cooperative Program in Nursing with the University of Indianapolis

Franklin College maintains a cooperative "3+1" program with the University of Indianapolis School of Nursing (UIndy). Students in this program earn a Bachelor of Arts degree from Franklin College in a chosen major and a Bachelor of Science in Nursing (BSN) degree from UIndy. Upon successful completion of all Franklin College requirements (3 years) and the first year of courses at UIndy (1 year), students will receive a B.A. degree from Franklin College. At the completion of the remaining courses at UIndy (3 months), students will receive the B.S.N. degree from UIndy.

Students will declare a major in Biology, Chemistry & Physics, Exercise Science, Psychology, or other applicable major and follow that degree program as stated in the catalog.

Students following the 3+1 program will be required to make certain selections in their liberal arts curriculum to satisfy the prerequisite nursing requirements at UIndy. Those selections are as follows:

Human Behavior – PSY 117 General Psychology **and** SOC 118 Introduction to Sociology (both required)
Scientific Thinking – ANAT 220 Applied Human Physiology, BIO 134 Principles of Biology, or CHE 121/123 General Chemistry I (determined by major).
Reasoning and Values – PHL XXX (any Philosophy course that fulfills the category) or BIO 225 Bioethics
LA 103 or alternative – MAT 224 Basic Applied Statistics or MAT 135 Calculus (determined by major)

Note: Additional prerequisites for admission to the ABSN program are required:

- CHE 121/123 General Chemistry I & Lab
- CHE 122/124 General Chemistry II & Lab
- BIO 210 and BIO 215 Human Anatomy & Physiology I & II (BIO and CHE majors only)
- BIO 373 Microbiology **OR** approved Microbiology course

For students intending to pursue the ABSN degree majoring in Biology – Nursing Cooperative Program or Chemistry & Physics – Nursing Cooperative Program, students will follow the requirements listed in the "Cooperative Programs in Health-related Professions" area of the Biology or Chemistry & Physics curriculum. The following course substitution fulfills Franklin College requirements:

- Civic Learning exploratory requirement fulfilled by NURB 325 Transitional Care in Primary Population Health

For students intending to pursue the ABSN degree majoring in Exercise Science, the following course substitutions fulfill Franklin College requirements:

- KIN 315 – waived – Civic Learning exploratory requirement fulfilled by NURB 325 Transitional Care in Primary Population Health
- Elective course requirement fulfilled by nursing program requirements

For students intending to pursue the ABSN degree majoring in Psychology, students will follow the requirements listed in the "Cooperative Program in Psychology" area of the Psychology curriculum. The following course substitution fulfills Franklin College requirements:

- Civic Learning exploratory requirement fulfilled by NURB 325 Transitional Care in Primary Population Health

Philosophy

Department: Philosophy and Religion
Department Chair: J. Alexander
Department Members: J. Alexander, B. Kenofer

Major: Philosophy
Minor: Philosophy

The Franklin College philosophy program is designed to prepare students for a life of critical examination of themselves and their society; to develop in students an ability to detect the structures, the strengths and weaknesses, and the assumptions of argumentation; and to seek to put these skills to use for the betterment of society.

To fulfill this mission, the program provides opportunities for students to understand the basic questions of all disciplines and of human existence by introducing them to the major traditions and thinkers in philosophy. The program also provides practice in sharpening the skills of logical argument and awareness of the major value systems and how they shape persons and cultures.

Students will learn to think philosophically in a variety of contexts; to seek and detect the assumptions involved in argumentation; to judge what is not only in terms of what might be, but as well in terms of what ought to be; and to understand the value of critical self-examination.

Philosophy Major

A major in philosophy is offered for those students preparing for professional careers in college teaching, law, medicine, and the ministry. As well, the area is strongly recommended for persons expecting careers involving significant amounts of decision-making, such as management, or involving the helping professions. All courses are available to all students except 400 level philosophy courses, which are not available to first-year students. PHL 470 and PHL 490 require the consent of the instructor. All prerequisites require a *C-* or better.

Core Requirements

PHL 116 Introduction to Philosophy
PHL 210 Logic
PHL 499 Senior Competency Practicum

Professional Development Requirements

PDP 200 Preparing for Your Internship
PHL 498 Portfolio Development Practicum
SNR/SNT 489 (PHL) Senior Year Experience/Project

One of the following courses

PHL 220 Principles of Ethics
PHL/POL 360 Social and Political Thought

One of the following courses

PHL 230 Philosophy of Language
PHL 314 History of Philosophy

One of the following courses

PHL 325 Topics in Value

Nine to ten additional hours in PHL

Related Field Requirement

Twelve semester hours to be approved by the department and submitted in writing to the Academic Records Office. All related field courses require a *C-* or better.

A student planning to do graduate work should acquire a reading knowledge of French.

Philosophy Minor

Core Requirements

PHL 116 Introduction to Philosophy
PHL 210 Logic

One of the following courses

PHL 220 Principles of Ethics
PHL/POL 360 Social and Political Thought

One of the following courses

PHL 230 Philosophy of Language
PHL 314 History of Philosophy

One additional PHL course beyond those listed above

Philosophy Course Descriptions

PHL 116 Introduction to Philosophy		4 credit hours
Fall and spring	Reasoning & Values exploratory	

An introduction to the "perennial questions" of philosophy: Is knowledge possible? Does God exist? What is truth? Do persons have souls? What constitutes the good life or human fulfillment?

PHL 120 Knowledge and Reality		4 credit hours
Fall, odd academic years	Reasoning & Values exploratory	

This course will cover major philosophical thought in the areas of metaphysics and epistemology. The major subject matter of analysis of the course will concern the nature of reality and existence, and the nature of knowledge and belief. Topics covered will include the nature of identity, existence, causation, and time; theories of knowledge and justification, skepticism, testimony, disagreement, and epistemic injustice.

PHL 210 Logic		4 credit hours
Fall	Reasoning & Values exploratory	

This course is an examination of what constitutes proper and improper reasoning, argumentation, and critical assessment of arguments. Topics covered include fallacies, major types of arguments, categorical syllogisms, formal deductive logic, as well as the philosophy of logic itself.

PHL 220 Principles of Ethics		4 credit hours
Spring	Reasoning & Values exploratory	

An examination of the classical sources of ethical thought, such as Plato, Aristotle, Kant, Mill, and others, with attention to their relevance to contemporary problems in business and social ethics.

PHL 230 Philosophy of Language		4 credit hours
Fall, even academic years	Reasoning & Values exploratory	

This course concerns major developments in the philosophical study of language, including both theoretical examinations of language and their application to contemporary issues. The course will focus on how philosophers have come to understand the nature of communication and discourse, as well as major structural forms of linguistic expression. Topics covered include truth, meaning, reference, linguistic conventions and norms, the difference between semantics and pragmatics, context-sensitivity, presupposition, implication, speech acts, as well as what type of moral or political (if any) norms ought to apply to linguistic discourse itself.

PHL 250 Living Religions East		4 credit hours
Spring, even academic years	Reasoning & Values exploratory	

Historical development, cultural influences, and contemporary expression of Hinduism, Buddhism, Confucianism, Taoism, and Shinto. Same as REL 250.

PHL 300 Topics in Philosophy		3 credit hours

A topic of current interest in philosophy will be taught. Topics will vary depending on faculty and student interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

PHL 314 History of Philosophy		4 credit hours
Spring, odd academic years	Reasoning & Values exploratory	Prereq: One additional PHL course

This course covers key figures in the history of western philosophy. Time periods covered will include Pre-Socratic, Ancient, Medieval, Modern, and developments in the early 20th century. Will cover major works by Plato, Aristotle, Augustine, Aquinas, Descartes, Spinoza, Hobbes, Locke, Rousseau, Hume, Kant, James, Wittgenstein, Sartre, and Beauvoir. Prerequisite: one additional Philosophy course.

PHL 325 Topics in Value		4 credit hours
Spring		Prereq: One additional PHL course

This course offers a rotating topic of major concern in value theory, broadly construed. Areas within value theory include: Metaethics, Normative Ethics, Social and Political Theory, Applied Ethics, Aesthetics, and Non-Ideal Theory. This course will focus on creating students' knowledge and understanding of the nature of value and normativity, and cultivating students' ability to critically assess claims on what is and is not of value and what ought or ought not to be. This course may be repeated for credit if different course topics are completed. Prerequisite: One additional Philosophy course.

PHL 360 Social and Political Thought		4 credit hours
Fall	Reasoning and Values exploratory	

Study of social and political ideas such as the nature and justification of political power, the nature and legitimacy of governments, and related topics from Plato to the present. Same as POL 360.

PHL 365 Philosophy of Religion		4 credit hours
Fall, even academic years		

Persistent philosophical problems of historical religions, such as the nature of religion, religious knowledge, and the nature and existence of God, and human freedom. Same as REL 365.

PHL 470 Seminar: Themes in Philosophic Inquiry		3 credit hours
		Prereq: consent of instructor

A study of the theory of knowledge, metaphysics, axiology, advanced logic, or some particular thinker, tradition, or theme, depending on needs and interests of students.

PHL 482 Philosophy Practicum		1-2 credit hours
		Prereq: instructor permission

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

PHL 490 Independent Study		1-2 credit hours
		Prereq: departmental consent

An academic project designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

PHL 498 Portfolio Development Practicum		No credit
		Coreq: PHL 499 and SNR/SNT 489

Each student must develop a portfolio containing an appropriate body of work that, by the time of graduation, demonstrates the student is ready to make the transition to the professional workplace or graduate school. The specific format and content of the portfolio is determined through consultation of the student with the department and by attending appropriate sessions of PDP 200. PHL 498 is one component of the SNR/SNT 489 requirement. Portfolios will receive either a passing or failing grade.

PHL 499 Senior Competency Practicum		No credit
		Coreq: PHL 498 and SNR/SNT 489

Taken concurrently with SNR/SNT 489 (PHL), but may include at the department's discretion a multiple-hour comprehensive essay examination covering the history of philosophy and related topics (Oriental thought, political philosophy, ethics, etc.) depending on the student's transcript and senior year experience. A grade of C or better is required for graduation.

SNR/SNT 489 (PHL) Senior Year Experience/Project		2 credit hours
		Coreq: PHL 498 and PHL 499

Franklin College requires a senior year experience (SNR/SNT 489) of all graduating seniors. A portfolio, some participation in PDP 200 and a practical professional development experience related to the field of philosophy and the student's future plans are normal components. Options for completing this requirement will be as determined for each student in consultation with the department.

Political Science

Department Chair: R. Smith
Department Members: R. Smith

Major: Political Science, Political Economy
Minors: Political Science, International Relations, Political Economy

The political science department provides the means by which, within the liberal arts curriculum, undergraduate students learn to understand the political process (at both domestic and international levels.) The place of political science in a liberal arts setting has been established for the better part of 3,000 years. The department offers two sets of courses: one concerned with international politics, and another concerned with American politics. Like the ancient Greek philosophers, political science is concerned both with understanding and evaluating the processes which allocate societal values. In so doing, our students will be able to appreciate and understand these two levels of the political process. The department offers core coursework within two majors, which each focus on different aspects of the study of politics.

The major in Political Science builds from a core academic and philosophical examination of politics through to practical application. Students majoring in Political Science live the connection between theory and practice as they explore the interplay of politics/law in their choice of an immersive learning experience. Throughout the rest of the curriculum students expand upon this knowledge and experience base to build a formidable resume that includes completion of their own independent research prior to graduation. As a result of this training, students will be able to think analytically about the problems that face humankind internationally and domestically. They will be prepared for such things as law school, graduate school, employment by government at the local, state, and federal levels, as well as careers in teaching.

All **political science majors and minors** must earn a grade of *C*- or better in all required political science courses. Students majoring in political science must complete the 29 semester hours of political science with a minimum graduation GPA of 2.00 (A=4.00). Students wishing to minor in political science or international relations must complete all required courses with a minimum graduation GPA of 2.00 (A=4.00).

The major in Political Economy is Franklin College's interdisciplinary major. Coursework within the major examines the relationship between politics and economics in modern societies and focuses on problems of both domestic and international policy. Students majoring in Political Economy study the political and economic factors that affect, and are affected by, systems of production, exchange, and distribution. That is, political economy majors analyze how international and domestic political factors interact with micro- and macro-economic factors to determine outcomes in a wide variety of areas including globalization, international trade and finance, regulation, development, taxes, and income distribution. As a result, students will be able to think logically and analytically about the problems that face humankind internationally and domestically. They will be prepared for law school, graduate school and employment by private sectors and government at the local, state, and federal levels, as well as careers in teaching.

All **political economy majors and minors** must earn a grade of *C*- or better in all required coursework for the major, minor and related field. Students majoring in political economy must complete the all required major/minor courses with a minimum graduation GPA of 2.00 (A=4.00).. Furthermore, regardless of major, all students taking economics courses must complete all prerequisites with a *C*- or better.

Political Science Major

Core Requirements

POL 110 American National Government
POL 130 Introduction to Comparative Politics
POL 360 Social and Political Thought
POL 469 Methods of Political Inquiry
POL 470 Senior Seminar
POL 499 Senior Competency Practicum
MAT 224 Basic Applied Statistics

One of the following courses

POL 410 American Constitutional Law I: Powers and Duties
POL 420 American Constitutional Law II: Civil Rights and Liberties

Immersive Learning Requirement – one of the following courses

POL 225 State and Local Government
POL 234 American Political Participation
POL 275 Law and Politics in American Society
Any other experiential course relating to political science by approval of the Department

Two of the following courses – *not the same courses as used above*

POL 225 State and Local Government
POL 234 American Political Participation
POL 275 Law and Politics in American Society
POL 316 American Presidency
POL 317 American Congress
POL 331 Business Law I
POL 336 Introduction to Public Policy
POL 350 Public Administration
POL 410 American Constitutional Law I: Powers and Duties
POL 420 American Constitutional Law II: Civil Rights and Liberties
Only one course from this subfield may be a law course.

Two of the following courses – *not the same course as used above*

POL 120 Introduction to International Relations
POL 320 International Security and Conflict Management
POL 341 International Law and Organizations
POL 355 Comparative Politics in Developed Countries
POL 390 American Foreign Policy

Additional POL credits, if necessary, to meet the minimum required of 25 hours beyond POL 110.

Professional Development Requirements

POL 498 Portfolio (take with POL 470)
SNR/SNT489 (POL) Senior Internship/Project

Related Field Requirement

Twelve semester hours in a related field such as journalism, philosophy, history, economics, psychology, or sociology (any variations must be approved by the department and submitted in writing to the Academic Records Office). Courses may be taken outside these departments for a related field only with the consent of the chairperson of the department of political science. All related field courses must be completed with a grade of *D* or better.

NOTE: *POL 110 should be taken before the completion of the sophomore year.*

Political Economy Major

Cannot be combined with Economics and/or Political Science majors

Core requirements

Political Science Field

POL 110 American National Government
POL 120 Introduction to International Relations
POL 130 Introduction to Comparative Politics
POL 336 Introduction to Public Policy
POL 360 Social and Political Thought

Economics Field

ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics

Statistics Field

ECO 380 Econometrics

Senior Capstone Courses

ECO 475 Strategic Implementation Project
ECO 499 Senior Competency Practicum **or** **POL 499** Senior Competency Practicum

Elective courses

Political Science Field – choose three courses from the following

POL 316 American Presidency
POL 317 American Congress
POL 320 International Security and Conflict Management
POL 341 International Law and Organizations
POL 350 Public Administration
POL 390 American Foreign Policy
POL 410 American Constitutional Law I: Powers and Duties
POL 420 American Constitutional Law II: Civil Rights and Liberties

Economics Field – choose two courses from the following

ECO 330 Money and Banking
ECO 350 International Business and Finance
ECO 360 Labor Economics and Management

Professional Development Requirement

PDP 200 Preparing for Your Internship

INT XXX Internship in Economics or related field (4 credits) **or SNR/SNT489 (POL)** Senior Internship/Project (4-6 credits)
ECO 482 Professional Practicum **or POL 498** Portfolio (take with POL 470)

Related Field Requirement
MAT 131 Introduction to Quantitative Analysis
MAT 224 Basic Applied Statistics

Two of the following courses
ACC 341 Introduction to Taxation
BUS 331 Business Law I
PHL 220 Principles of Ethics
PSY 320 Social Psychology
SOC 210 Criminal Justice
SOC 321 Criminology
Other courses approved by faculty from both political science and economics

Political Science Minor

Core requirements
POL 110 American National Government
POL 120 Introduction to International Relations
POL 130 Introduction to Comparative Politics
POL 360 Social and Political Thought

One of the following courses
POL 410 American Constitutional Law I: Powers and Duties
POL 420 American Constitutional Law II: Civil Rights and Liberties

International Relations Minor

Note: *This minor is not available to political science majors.*

Core requirements
POL 120 Introduction to International Relations
POL 130 Introduction to Comparative Politics
POL 341 International Law and Organizations
POL 360 Social and Political Thought

One of the following courses
BUS/ECO 350 International Business and Finance
POL 355 Comparative Politics in Developed Countries
HIS 361 East Asian History
HIS 365 History of the Middle East
PHL/REL 250 Living Religions East

Two semesters of a foreign language offered by Franklin College.

Political Economy Minor

***Note**: This minor is not available to political science majors or minors, economics majors or minors, or international relations minors.*

Core requirements

Political Science Field

POL 110 American National Government
POL 120 Introduction to International Relations
POL 336 Introduction to Public Policy

Economics Field

ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics

Elective courses

Political Science Field – choose one course from the following

POL 130 Introduction to Comparative Politics
POL 225 State and Local Government
POL 316 American Presidency
POL 317 American Congress
POL 360 Social and Political Thought

Economics Field – choose one course from the following

ECO 330 Money and Banking
ECO 350 International Business and Finance
ECO 360 Labor Economics and Management

Political Science Course Descriptions

POL 110 American National Government		4 credit hours
Fall	Civic Learning & Human Behavior exploratories	

Introduction to the basic principles, theories, and major factors which influence decision-making within the political process.

POL 120 Introduction to International Relations		4 credit hours
Spring, even academic years	Comparative Perspectives & Human Behavior exploratory	

History, theory, practice, and analysis of the forces and conflicts among nation-states, including such factors as nationalism, diplomacy, war, i.e., causes, peaceful resolution and discussion of systems to prevent war, polycentrism and power, i.e., public opinion, technology, economics, and military.

POL 130 Introduction to Comparative Politics		4 credit hours
Spring, odd academic years	Human Behavior & Comparative Perspectives exploratories	

Introduction to the methodology of systematic country comparison through use of selected examples from Asia, Africa, Latin America and/or Europe. Issues such as the roles played by political institutions, ideologies, cultures and interest groups are examined alongside the concepts of nation-building, development and democratization. Students learn a method for comparing countries across political systems.

POL 225 State and Local Government		4 credit hours
On demand	Civic Learning exploratory	

The American political process as viewed from the perspective of state and local governmental institutions, including political parties, interest and clientele groups, the electoral process, urban politics, traditional and new patterns of city and county government, and problems and needs of metropolitan areas.

POL 234 American Political Participation		4 credit hours
Fall, even academic years	Civic Learning exploratory	

Patterns of voting, political parties, interest groups, and the election process in the American political system and their impact on stability and change in the system. Students will be required to complete a substantial service component within this course, either through media coverage of political participation at TheStatehouseFile.com or through service to a relevant political organization.

POL 275 Law and Politics in American Society		4 credit hours
Fall, odd academic years		

The focus of this course will be on tracing the American legal philosophy from the roots of its political and legal settings. Special attention will be paid to the English legal heritage, the concepts of law and justice, and the different types of law in American society. Course fee of $200.

POL 300 Topics in Political Science		3 credit hours
Spring		

The purpose of this course is to bridge the gap between theory and practice in the field of politics. Important topics, both international and domestic, may be selected by the department. Courses will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

POL 316 American Presidency		4 credit hours
On demand		Prereq: POL 110

Examination of the institutionalization of the presidency, as well as the topics of power, personality, public opinion, and elections. Students develop an understanding of the constraints placed on the individuals that hold the presidency as well as the manner in which the behavior of these individuals irrevocably change the institution. Students learn of the powers and imperatives of the American presidency, as well as an understanding of the president's role in the American political order.

POL 317 American Congress		4 credit hours
On demand		Prereq: POL 110

Examination of the institutionalization of Congress, the theories regarding motivations of its members and how these motivations likely impact the nature of the institution itself. Topics discussed include: rules, procedures, and structures of Congress; elections; and the role of parties, leadership and interest groups. Students learn alternative ways of conceiving the motivations of members of Congress and how such motivation might impact policy, as well as the importance of information in making legislative decisions.

POL 320 International Security and Conflict Management		4 credit hours
On demand		Prereq: POL 120

Examination of international conflict and cooperation. A wide range of competitive situations are surveyed, including: war, global economy, terrorism and the environment. The structure and functions of international organizations and their role in the resolution of international conflicts are also examined. Students learn to critically assess international relations theory regarding the prospects of war and peace.

POL 331 Business Law I		3 credit hours
Fall and spring		

The purpose of this course is to enable the student to comprehend the legal significance of decisions made within the corporate organization. It acquaints the student with the American legal system and the concepts and processes through which law develops and disputes are resolved. The focus of this course will be on contract law, sale of goods (UCC Article 2), and property law. Same as BUS 331.

POL 336 Introduction to Public Policy		4 credit hours
On demand		Prereq: POL 110

Introduction to the elements of the American public policy process including the identification, formation, adoption, implementation, and impact stages.

POL 341 International Law and Organizations		4 credit hours
Fall, odd academic years		Prereq: POL 120

Nature, sources, and functions of international law with particular attention to the rights and duties of states. The new subject of international law: international organizations particularly the United Nations will be examined thoroughly.

POL 350 Public Administration		4 credit hours
On demand		Prereq: POL 110

Theories and processes of public bureaucracy with emphasis on alternate efficiency and accountability problems in a democratic political system.

POL 355 Comparative Politics in Developed Countries		4 credit hours
On demand		Prereq: POL 130 or consent of instructor

This course examines the political cultures, governmental institutions, and current policy debates in Canada, France and Germany. Relations between these countries and the United States will also be examined.

POL 360 Social and Political Thought		4 credit hours
Fall	Reasoning and Values exploratory	

Study of social and political ideas such as the nature and justification of political power, the nature and legitimacy of governments, and related topics, from Plato to the present. Same as PHL 360.

POL 375 Justice and Advocacy		2 credit hours
Fall, odd academic years		Prereq: POL 275

This course focuses on advanced concepts relating to the American system of justice. Students will learn about the rules of evidence, rhetorical strategy in a legal setting, principles of civil and criminal law, and other issues relating to court proceedings and trial practice. This course does not satisfy the hours required toward a major in Political Science.

POL 390 American Foreign Policy		4 credit hours
On demand		Prereq: POL 120

Examination of the leading theoretical approaches to the study of American foreign policy. The impact of Realist and Liberal paradigms are explored along with the role of culture in the formation of foreign policy. Additional approaches such as decision-making, leadership, public opinion and psychology are also explored. Students learn to critically evaluate foreign policy from several different perspectives.

POL 410 American Constitutional Law I: Powers and Duties		4 credit hours
On demand	Reasoning and Values exploratory	Prereq: POL 110

Analysis of decisions of the Supreme Court of the U.S., with special emphasis on decisions relating to the powers and duties of the institutions of American government.

POL 420 American Constitutional Law II: Civil Rights and Liberties		4 credit hours
Spring		Prereq: POL 110

Analysis of decisions of the Supreme Court of the U.S., with special emphasis on decisions relating to the Bill of Rights and the 14th Amendment.

POL 469 Methods of Political Inquiry		4 credit hours
Fall		Prereq: POL 110

Survey of the variety of ways political scientists study phenomena. Students gain familiarity with the prominent paradigmatic and methodological approaches employed by political scientists. This course serves to coalesce prior coursework exploring political science literature and provides an overview of the principles of research design. Students will explore different methodological approaches to addressing research questions. This course culminates in practical student application of what they learned as evidenced by the submission of a formal research proposal.

POL 470 Senior Seminar		4 credit hours
Spring		Prereq: POL 110, 360 & either POL 410 or POL 420; Coreq: POL 498

Methods and materials of research in government. Each student chooses a research question which culminates in a formal empirical analysis which is presented to the College.

POL 482 Political Science Practicum		1-2 credit hours
		Prereq: instructor permission

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

POL 490 Independent Study		1-2 credit hours
		Prereq: departmental consent is required

Courses are designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings. Course can consist of individualized reading and research in a field or area of student interest or need.

POL 498 Portfolio		No credit
Spring		Coreq: POL 470

The main component of this collection of student work will be the research paper completed in POL 470 that students develop from courses taken within the department and internships they may have completed. Contents may also include designated class assignments, case studies and projects, or assignments and projects of the student's choosing. The portfolio is completed with assignments related to leadership and professional development from the PDP 200 course.

POL 499 Senior Competency Practicum		No credit

The senior competency practicum is both a written essay and oral exam. The questions for the essay exam are submitted by the faculty of the department who also conduct the oral exam. A grade of 'C-' or better is considered a passing grade.

SNR/SNT 489 (POL) Senior Internship/Project		4-6 credit hours

A senior internship/project which may also be completed in the junior year.

Pre-Law Curriculum

Program Advisor: R. Smith

Program: Pre-Law

Students who plan to enter a law school upon graduation from Franklin College may complete any major. Those most prepared for the challenge of law school practice will develop an understanding of the U.S. legal system, its historical and philosophical bases, and issues central to ethical, contemporary practice. To earn a pre-law designation upon graduation from Franklin College, students must complete the following program with the guidance of the pre-law advisors.

Required courses

POL 110 American National Government
POL 275 Law and Politics in American Society

Category A: One of the following courses

MAT 181 Discrete Mathematics I
PHL 210 Logic

Category B: One of the following courses

ENG 227 Advanced Grammar
ENG 228 Advanced Composition

Category C: One of the following courses

BUS 331 Business Law I
MMJ/PRL/SPR 445 Communication Law in a Digital World
POL 341 International Law and Organizations
POL 410 American Constitutional Law I: Powers and Duties
POL 420 American Constitutional Law II: Civil Rights and Liberties

Category D: 10 or 11 semester hours* from the following courses

Any course listed in Category C above
ACC 221 Principles of Accounting I
ACC 222 Principles of Accounting II
BIO 225 Bioethics
BIO/CHE 334 Biochemistry
BIO/CHE 392 Techniques in Biotechnology and Biochemistry
BUS/ECO 340 Business Organization and Public Policy
BUS/ECO 360 Labor Economics and Management
ECO 121 Principles of Microeconomics
ECO 123 Principles of Macroeconomics
ENG 333 Shakespeare
HIS 231 African American History
HIS 332 History of Women in the United States
LEA 220 Leadership: Foundations, Theory, and Practice
MAT/SOC 224 Basic Applied Statistics
PHL 220 Principles of Ethics
POL 225 State and Local Government

POL 336 Introduction to Public Policy
POL 360 Social and Political Thought
SOC 118 Introduction to Sociology
SOC 210 Criminal Justice
SOC 321 Criminology

*Students who take either BUS 331 Business Law I or MMJ/PRL 445 Communication Law in a Digital World to fulfill their Category C requirement must take 11 hours from Category D. All others must take only 10 hours from Category D.

Additionally, students may petition the Pre-Law Program Advisors to substitute another course not listed in the catalogue (such as a Topics, Immersive Term, or Independent Study course) to meet the 10 or 11 hour requirement.

Internship Requirement

Students must complete at least one high quality law-related internship approved by the pre-law advisors.

Complete course descriptions for each of these offerings may be found elsewhere in this catalog under the appropriate major headings. Note that some course may have prerequisites.

Project Management Certificate

Project management certification is a well-accepted form of professional development, and the CAPM exam – for which this certification prepares students – is a well-recognized professional credential. A certification in project management is broadly applicable to array of disciplines at the College and directly strengthens students' career preparedness. It is, by its nature, interdisciplinary; a student in any major could benefit from this certification. This certificate is offered online through a consortium of accredited colleges and universities. Three courses within the program are delivered by faculty employed by partner institutions in the consortium, with technology and administrative support provided by Rize Education.
Oversight of courses offered through the consortium are reviewed and approved by Franklin College. Students register through Franklin College and receive academic credit from Franklin College.

Project Management Certificate—CAPM Preparation

Required courses

PJM 226 Project Management Fundamentals
PJM 310 Predictive Project Planning
PJM 320 Managing Risk and Uncertainty
ENT 225 Design Thinking and Agile Processes

PJM 226 Project Management Fundamentals*		3 credit hours
Fall and spring		

Project Management is about executing ideas on time, in budget, and adapting to challenges along the way. All modern business professionals need to understand it. This course, which culminates in a final project, gives you the foundational tools to do that: Waterfall and Agile methodologies, the project management lifecycle, precise goal-setting, professional progress trackers, stakeholder engagement, and project analysis.

PJM 310 Predictive Project Planning*		3 credit hours
Fall and Spring		Prerequisite: PJM 226

Most projects fail at the planning stage. This course teaches you to create plans that keep projects on track from day one. Define project scopes that adapt to change, develop timelines with Gantt charts and critical path analyses, and create budgets that succeed under pressure. Using project-based coursework, you'll learn to develop plans that are both ambitious and achievable, mastering the skills to optimize resources and deliver results that matter. This course is available in a 14-week format in the spring. It is available in an 8-week format in both the fall and spring starting in the middle of the semester.*

PJM 320 Managing Risk and Uncertainty*		3 credit hours
Fall and Spring		Prerequisite: PJM 226

Imagine skydiving without a parachute—that's what it's like to run a project without a risk management plan. This course teaches you to see the storm coming and prepare, turning looming disasters into manageable challenges. You'll learn to cut through the noise, create clear action plans, and keep control even when the pressure is on. Be the manager who's ready for anything, who stays calm, steady, and ahead of the game when things get tough. This course is available in a 14-week format in the spring. It is available in an 8-week format in both the fall and spring starting in the middle of the semester.

*This course is offered online through a consortium of accredited colleges and universities. Instruction is provided by faculty employed by partner institutions within the consortium, with technology and administrative support provided by Rize Education.
Oversight of courses offered through the consortium are reviewed and approved by Franklin College. Students register through Franklin College and receive academic credit from Franklin College.

Psychology

Department: Psychology
Department Chair: J. Bromley
Department Members: A. Graci, J. Bromley, W. Eiler, K. Flora

Major: Psychology
Minors: Psychology
Associated Major: Neuroscience
Associated Minor: Neuroscience
Cooperative Program: Accelerated Master of Public Health; Nursing

Program Information: Psychology is the scientific study of human behavior. Even the most introverted, isolated individuals must interact with others at some point; nobody is exempt from the findings of the field of psychology. Because most people interact with others regularly, most people use psychology on a daily basis whether they are aware of it or not. Findings from the field of psychology can be applicable to a broad range of occupations and roles, from managers to teachers to parents. Thus, psychology provides the insight to better understand ourselves and our wide network of relationships.

Operating within the strong liberal arts structure at Franklin College, the Psychology Program communicates to students that psychology offers unique ways of thinking and knowing, which have great potential for helping people identify and cope with the world's problems. Additionally, the program aims to develop in students the compassion, command and comprehension they will need to work toward making the world a better place for all individuals to lead satisfying and productive lives.

The Psychology Program strives to:

- provide students with a broad and deep knowledge base in psychology
- engage students in practical applications of that knowledge base
- enable students to develop methodological competence and ethical sensitivity
- encourage students to play an active role in their education both inside and outside of the classroom.

All major and minor courses and prerequisites must be completed with a grade of C- or better.

Psychology Major

Minimum of 30 semester hours as follows. A maximum of 9 credit hours of transfer credit may be applied to the 30 hours of coursework required for the psychology major.

Core Requirements

PSY 117 General Psychology
PSY 227 Introductory Statistics and Research Methods in Psychology
PSY 240 Psychological Disorders and Mental Wellness
PSY 320 Social Psychology
PSY 322 Behavioral Neuroscience
PSY 419 Advanced Statistics and Research Methods in Psychology I
PSY 420 Advanced Statistics and Research Methods in Psychology II
PSY 422 History and Systems
PSY 499 Senior Competency Practicum

Professional Development Requirements

PDP 200 Preparing for your Internship
PSY 482 Professional Development in Psychology
PSY 498 Portfolio
SNT 489 PSY Internship in Psychology

One course from two of the following three categories

Category A – Developmental/Applied

PSY 226 Lifespan Development
PSY 250 Industrial Organizational Psychology
PSY 330 Psychology and Law
PSY 416 Health Psychology

Category B – Personality/Counseling

PSY 310 Introduction to Counseling
PSY 315 Psychology of Diversity
PSY 421 Theories of Personality

Category C – Cognitive/Biological

PSY 210 Introduction to Neuroscience
PSY 324 Psychology of Learning
PSY 326 Psychopharmacology
PSY 328 Cognitive Psychology

Related Field Requirement: Students are required to choose ONE of the following options

Related Field Option - Twelve credit hours from one academic field outside of psychology as approved by the department.
Minor Option - A minor in an academic field outside of psychology. Students must meet the requirements of the department offering the minor.
Double Major Option - A second major at Franklin College. Students must meet all requirements for the second major and the psychology major

***Sequencing Notes*:** A student is strongly recommended to take PSY 227 in the first or sophomore year since PSY 227 is a prerequisite for the PSY 419/PSY 420 course sequence. Students contemplating a major or minor in psychology must receive a grade of C- or better in PSY 117 before registering for upper-level classes. Another general

recommendation is that PSY 320 should be completed in the junior year. Students should pay particular attention to alternate year course offerings and carefully plan, in close consultation with their advisor, the timing for taking these courses. Undergraduate research is recommended for students planning to attend graduate school. PSY 419 and PSY 420 should be taken during senior year, and PSY 422 should be taken during spring semester of senior year.

Neuroscience Major

Please see separate Neuroscience section in this course catalog.

Psychology Minor

Core Requirement

PSY 117 General Psychology

Four of the following courses - *At least one of the four courses must be a 300 or 400 level course.*

Students should select four of the following courses best suited to supplement their major emphasis or career interest, after consultation with advisor or psychology faculty.

PSY 210 Introduction to Neuroscience
PSY 226 Lifespan Development
PSY 227 Introductory Statistics and Research Methods in Psychology
PSY 240 Psychological Disorders and Mental Wellness
PSY 250 Industrial Organizational Psychology
PSY 310 Introduction to Counseling
PSY 315 Psychology of Diversity
PSY 320 Social Psychology
PSY 322 Behavioral Neuroscience
PSY 324 Psychology of Learning
PSY 326 Psychopharmacology
PSY 328 Cognitive Psychology
PSY 330 Psychology and Law
PSY 416 Health Psychology
PSY 421 Theories of Personality

Neuroscience Minor

Please see separate Neuroscience section in this course catalog.

Cooperative Programs in Psychology

Franklin College offers an accelerated Master of Public Health (AMPH) in the form of a 3 + 2 combined Bachelor of Arts (3) and Master of Public Health (2) degree with the IU-I Richard M. Fairbanks School of Public Health. This consists of a common core and specific courses required for each particular program. After completion of three years of college work and fulfilling Franklin College graduation requirements (except total graduation hours and completion of one of the two required comparative perspectives and international courses), students may receive a bachelor of arts degree from Franklin College upon completing one year at IU-I, for a total of 120 semester hours. Successful completion of the first year in the cooperative program satisfies the internship or senior year experience requirement for the major. Any student following these programs who is not accepted by IU-I after the third year could return to Franklin College and receive a bachelor of arts in psychology by completing: 1) all of the remaining requirements for the psychology major, 2) one additional comparative perspectives or international course, and 3) 120 total semester hours required for graduation. (Students with a declared enrollment in the aforementioned cooperative program will be given priority during registration in subsequent semester(s)). See the Public Health section of this catalog for more details.

3+2 Program in Psychology and Athletic Training

Franklin College offers an accelerated Master of Science in Athletic Training (MSAT) track in the form of a combined Bachelor of Arts in Psychology and Master of Science in Athletic Training, with the potential to complete both degrees in five years. This cooperative program consists of common core and specific courses required for each particular program, in addition to specific pre-requisites for application to the MSAT program. Upon acceptance to the MSAT program, the fourth year consists of primarily MSAT graduate courses, while also finishing any required undergraduate courses. After completing three years of undergraduate courses and one year in the MSAT program, students graduate with a Bachelor of Arts degree in Psychology from Franklin College. After completing the second year in the MSAT program, students graduate with their Master's in Athletic Training.

Students interested in this option should apply to the MSAT program by December 31st of their junior year to meet the early admission deadline for the MSAT program. Please refer to the Master of Science in Athletic Training section of this catalog for more details.

Cooperative Program in Psychology

Franklin College maintains a cooperative "3+1" program with the University of Indianapolis School of Nursing (UIndy). Students in this program earn a Bachelor of Arts degree from Franklin College in a chosen major and a Bachelor of Science in Nursing (BSN) degree from UIndy. Upon successful completion of all Franklin College requirements (3 years) and the first year of courses at UIndy (1 year), students will receive a B.A. degree from Franklin College. At the completion of the remaining courses at UIndy (3 months), students will receive the B.S.N. degree from UIndy.

Students will declare a major in Biology, Chemistry & Physics, Exercise Science, Psychology, or other applicable major and follow that degree program as stated in the catalog. See the Nursing section of this catalog for more details.

Students following the 3+1 program will be required to make certain selections in their liberal arts curriculum to satisfy the prerequisite nursing requirements at UIndy. Those selections are as follows:

Human Behavior – PSY 117 General Psychology **and** SOC 118 Introduction to Sociology (both required)
Reasoning and Values – PHL XXX (any Philosophy course that fulfills the category) or BIO 225 Bioethics
Note: Additional prerequisites for admission to the ABSN program are required:

- CHE 121/123 General Chemistry I & Lab
- CHE 122/124 General Chemistry II & Lab
- BIO 373 Microbiology **OR** approved Microbiology course

For students intending to pursue the ABSN degree majoring in Psychology, the following course substitutions fulfill Franklin College requirements:

- Civic Learning exploratory requirement fulfilled by NURB 325 Transitional Care in Primary Population Health

The following course substitutions fulfill Psychology major requirements:

- PSY 226 Lifespan Development (Category A) fulfilled by NURB 334 Lifespan I: Childbearing, NURB 352 Lifespan II: Child/Family, NURB 362 Lifespan III: Mental Health, & NURB 374 Lifespan IV: Older Adults
- PSY 326 Psychopharmacology (Category C) fulfilled by NURB 285 Introduction to Pharmacology, NURB 365 Pharmacology II, NURB 385 Pharmacology in Nursing III, & NURB 425 Pharmacology in Nursing IV
- PSY 419 Advanced Statistics and Research Methods in Psychology I & PSY 420 Advanced Statistics and Research Methods in Psychology II fulfilled by NURB 330 Principles of Nursing Research and Evidence Based Practice
- PSY 489 Internship in Psychology fulfilled by Nursing clinical practice requirement. Students still need to complete a second Immersive Term experience off-campus at Franklin College as a degree requirement
- PSY 498 Portfolio fulfilled by NURB 330 Principles of Nursing Research and Evidence Based Practice

Psychology Course Descriptions

PSY 117 General Psychology		4 credit hours
Fall and Spring	Human Behavior exploratory	

Offers an introduction to the field of psychology as a social science. This course covers many areas of investigation of interpersonal and intra-personal processes, such as sensation and perception, memory development, and learning. An understanding of basic psychological principles and perspectives will be emphasized.

PSY 210 Introduction to Neuroscience		4 credit hours
Fall, odd academic years	Scientific Thinking exploratory	

The human nervous system, particularly the brain, is the most complicated machine in the known universe. With hundreds of billions of moving parts, we are only now beginning to unravel its secrets. The goal of this course is to survey our current understanding of the brain using an integrative approach. Students will examine neuroscience from the perspectives of the natural (e.g. biology, chemistry, physics) and social (e.g. psychology) sciences while also examining the methodologies used in the study of the brain. In addition, we will consider the social and medical implications that evolve from our growing understanding of neuroscience. Future careers in the field of neuroscience will also be discussed.

PSY 220 Gerontology		4 credit hours
Spring, odd academic years		Prereq: PSY 117 or SOC 118

An analysis of the process of aging, which will utilize social, psychological, and structural approaches to gain an understanding of the unique problems which confront the elderly in modern society. Course goals also include the development or refinement of specific skills and techniques for studying or working with older adults through a substantive experiential learning component. Same as SOC 220.

PSY 226 Lifespan Development		4 credit hours
Spring		Prereq: PSY 117

This course is a survey of major themes of change and constancy from fetal development to death, with emphasis on typical biological, cognitive and socioemotional development. Students will apply theory to practice through observational projects and critical readings of both empirical and popular sources. The impact of ethnic, gender and cultural factors on development will be emphasized.

PSY 227 Introductory Statistics and Research Methods in Psychology		4 credit hours
Fall and Spring		Prereq: PSY 117 or consent of instructor

This course will prepare students for upper-level psychology courses by providing an overview of various methodologies used by psychologists to understand the world. This writing intensive course will teach students to locate and summarize scholarly articles using APA format. Students will be introduced to SPSS to enter, analyze, and interpret small data sets. Discussion of ethical decision making as part of the research process will be emphasized. The course culminates with a group replication of a previously published psychological study, complete with a full write-up and presentation.

PSY 240 Psychological Disorders and Mental Wellness		4 credit hours
Fall, even & Spring, odd academic years		Prereq: PSY 117

Offers a survey of adult abnormal psychology integrating theory and research with case histories and first-person narratives.

PSY 250 Industrial Organizational Psychology		4 credit hours
Fall, even academic years		Prereq: MAT 224 or PSY 227

This course examines the field of industrial-organizational psychology. Topics studied include test and scale development, selection practices, job satisfaction, absenteeism interventions, turnover, organizational commitment, performance management and leadership. Using empirical evidence, students will examine current organizational practices as compared to best practices through two substantive projects.

PSY 300 Topics in Psychology		3-4 credit hours
On demand		

A topic of current interest in psychology will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

PSY 310 Introduction to Counseling		4 credit hours
Spring, even academic years		Prereq: PSY 117

The purpose of this course is to provide an introduction to the theories, research, and practice of counseling. The history as well as the current status of the profession of counseling will be discussed. In addition, the values of the counseling field and underlying assumptions will be described. Scientific and professional aspects of counseling will be explored. Different counseling approaches, including, psychoanalytic, humanistic, behavioral, and cognitive theories, will also be introduced. Introductory active listening and interviewing skills will also be covered.

PSY 315 Psychology of Diversity		4 credit hours
Fall, even and Spring, odd academic years	Comparative Perspectives exploratory	Prereq: PSY 117

This course will cover the study of culture in psychology and the application of cultural knowledge to the scientific study of human behavior. Areas in cultural psychology that will be covered include research methods, psychological development, health, cognition, emotion, language, and social behavior. This course will also integrate student's previous experiences in the liberal arts curriculum in to their current understanding of their cultural self.

PSY 320 Social Psychology		4 credit hours
Spring		Prereq: PSY 117 & junior or senior standing

Survey of laboratory and field research on the interaction of an individual with his or her social environment.

PSY 322 Behavioral Neuroscience		4 credit hours
Fall, even & spring, odd academic years		Prereq: PSY 117 or consent of instructor

A course focused on the biological underpinnings of human behavior. Topics covered include the nervous system, endocrine system, sensation and perception, memory, language, and other basic behaviors.

PSY 324 Psychology of Learning		4 credit hours
Fall		Prereq: PSY 117

A course focused on theories and principles of animal and human learning. Topics include innate behaviors and habituation, classical conditioning, operant conditioning, observational and motor learning.

PSY 326 Psychopharmacology		4 credit hours
Spring, even academic years		Prereq: PSY 117

This course will begin with an in-depth study of basic pharmacological principles, including receptor pharmacology and pharmacokinetics. We will cover the locations and actions of the major neurotransmitters. Next, various classes of drugs of abuse, as well as different definitions and theories of drug abuse and addiction, will be discussed. We will consider how the different classes of drugs affect brain function to cause changes in behavior, as well as the consequences of long-term drug exposure and withdrawal. Finally, we will explore pharmacological treatments for various psychological disorders.

PSY 328 Cognitive Psychology		4 credit hours
Fall, even, and Spring, odd academic years		Prereq: PSY 117

This course examines both basic and complex information processing skills of humans. Topics include memory, selective attention, pattern recognition, comprehension, language processing, decision-making, and problem solving. The objectives for the course are that the student will be able to understand and critically evaluate classic and contemporary research in cognitive psychology, both basic and applied.

PSY 330 Psychology and Law		4 credit hours
Fall, odd, and Spring, even academic years	Civic Learning exploratory	Prereq: PSY 117

This course examines psychological theory and empirical research as it relates to the legal system. Topics include eyewitness identification, repressed and recovered memories, lie detection, predicting dangerousness, etc. Course objectives are that the student will be able to critically evaluate and relate research to significant questions in the field such as the definition of justice, the place of science (and pseudoscience) in the courtroom, and the proper construction and use of psychological knowledge.

PSY 345 Statistical Consulting Project		3 credit hours
Spring		Prereq: MAT 224 or MAT 331

Each student will work as part of a team to complete a statistical consulting project for a local non-profit agency or other appropriate organization. Special emphasis will be given to the development of skills in project management and consulting. Projects will be chosen to require the use of important statistical concepts such as experimental design, survey design, or regression analysis. Recommended especially for majors in the social sciences who are intending to go to graduate school or for those aiming for careers involving statistical applications. Same as ECO/MAT/SOC 345. Students may receive credit in only one of these cross-referenced courses.

PSY 416 Health Psychology		4 credit hours
Fall, odd academic years		Prereq: PSY 117

This course will provide an introduction to the field of health psychology, which is concerned with the roles of behavioral/lifestyle, psychological and social factors on health, illness and chronic disease. The course will address three general subject areas: 1) attitudes, behavior, and lifestyle factors affecting disease prevention and development; 2) stress and the related psychological and social processes associated with disease development and progression; and 3) social and psychological factors involved in the illness experience.

PSY 419 Advanced Statistics and Research Methods in Psychology I		4 credit hours
Fall		Prereq: PSY 117, PSY 227 & instructor's permission

Introduction to the planning, conducting, and interpreting of research in psychology and development of further knowledge of content material associated with selected areas of investigation. Provides the experience of conducting a complete original experiment.

PSY 420 Advanced Statistics and Research Methods in Psychology II		4 credit hours
Spring		Prereq: PSY 419 Coreq: PSY 498

Advanced course in experimental design which develops a greater understanding of the experimental method and provides the experience of conducting a complete original experiment. Incorporates graduation requirements for senior year experience/project.

PSY 421 Theories of Personality		4 credit hours
Fall, odd academic years		Prereq: PSY 117 & junior or senior standing

An investigation of theory, testing data, and findings in the study of personality. The course may emphasize one or more approaches such as psychoanalytic, neoanalytic, social psychological, learning, and phenomenological theories.

PSY 422 History and Systems		3 credit hours
Spring		Prereq: at least 15 semester hours of PSY excluding PSY 117, senior standing, psychology major; Coreq: PSY 499

Historical antecedents of contemporary psychological systems, with special emphasis on the relationship of these systems to contemporary psychological theory.

PSY 470 Psychology Seminar		3 credit hours
Offered on demand		Prereq: at least 12 semester hours of psychology & consent of instructor

An advanced course devoted to an intensive examination of selected topics of psychological importance. Open to psychology majors and other majors with an adequate background in psychology.

PSY 482 Professional Development in Psychology		1 credit hour
Spring		Prereq: junior or senior standing

An advanced professional development course for psychology students to prepare for graduate school and/or the workforce. Students will learn specific strategies for using their psychology degree and experiences to market themselves to future employers and graduate programs. Students will revise their resumes, increase their knowledge of professionalism, and improve interviewing skills.

PSY 490 Independent Study		1-2 credit hours
		Prereq: Departmental consent

Courses are designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

PSY 498 Portfolio		No credit
Spring		Coreq: PSY 420

The main component will be the research project required in PSY 420. Contents may also include assignments and projects of the student's and/or faculty's choosing from other coursework. The professional development and leadership components are part of PSY 420 in that students are guided in preparing and presenting their research projects. Completion of PSY 420 with a grade of C- or better will show completion of portfolio requirement.

PSY 499 Senior Competency Practicum		No credit
Spring		Coreq: PSY 422

The requirement for PSY 499 are met by the successful completion of the department's required Major Field Test in Psychology examination, PSY 422. This will be graded as pass/fail.

SNT 489 PSY Internship in Psychology		2-4 credit hours
		Prereq: PDP 200

Internship experience in a field related to the student's chosen career field and in conjunction with professional development. Credit hours vary according to particular internship experience. May be completed after the student completes PDP 200.

Accelerated Master of Public Health

Franklin College offers an accelerated Master of Public Health Program (AMPH) in the form of a 3 + 2 combined Bachelor of Arts (3 years) and Master of Public Health (2 years) degree with the IU-I Richard M. Fairbanks School of Public Health. Upon successful completion of a minimum of 105 credit hours (in three years) of baccalaureate instruction at Franklin College and the core requirements of the Master of Public Health degree (in the 4th year) at IU-I (15 credit hours), the student will be eligible to receive a baccalaureate degree from Franklin College. After completion of the required credits in the MPH program, the student will then be eligible to receive the MPH degree from IU-I.

The MPH core graduate level courses which will be part of the credits that the student will take in the fourth year (1st year at IU-I) of the AMPH program to fulfill the final 15 credit hours required for an FC Bachelor of Arts degree are:

S500: Social and Behavioral Science in Public Health (3 hours)
H501: US Health care Systems and Health Policy (3 hours)
E517: Fundamentals of Epidemiology (3 hours)
A519: Environmental Science in Public Health (3 hours)
B551: Biostatistics for Public Health (3 hours)

Students interested in this three-year-plus-two-year program should carefully plan Franklin College course selections after consultation with the following AMPH faculty advisor: Arbin Thapaliya.

The criteria utilized by the Richard M. Fairbanks School of Public Health to select students for admission to the program include the following:

1. Cumulative grade point average of 3.50 (A= 4.00) or better.
2. Minimum of one year of undergraduate mathematics (MAT/PSY/SOC 224 recommended).
3. Minimum of one semester human physiology biology course
4. Competent written and oral communication skills.
5. Completed application package.
6. Personal Interview

The application to the Richard M. Fairbanks School of Public Health program must be completed by July 1st of your third year at FC for the MPH program which begins the following fall.

Academic prerequisites for the AMPH program:

Biological Science: At least one semester of Human Anatomy & Physiology

Chemistry: At least one semester of Introductory Chemistry or higher

Mathematics: One year of college math including MAT/SOC 224

The minimum total of 105 semester hours required for admission to the Richard M. Fairbanks School of Public Health programs must include all graduation requirements at Franklin College: a departmental major, six immersive term hours, and the liberal arts program requirements. Successful completion of a Public Health related internship at FC will satisfy the internship requirements for the MPH program as well. Once students are admitted into the MPH program at IU-I they will be expected to maintain full time graduate student status (at least 9 Cr Hours per semester) and take the core courses listed above in their first year of the graduate program to allow them to obtain their FC degree at the end of their fourth year in the AMPH program.

Tuition and fees for the MPH program are paid directly to IU-I. For additional information about this program, students should consult with the faculty advisors listed above.

Public Relations

Department: Journalism
Pulliam School of Journalism Director: J. Krull
Department Chair: S. McDaniel
Department Members: M. Carter, D. Jaggers, S. McDaniel

Major: Public Relations
Minor: Public Relations

Public relations is a management function that helps business, government and nonprofit organizations reach desired outcomes by ethically and effectively building and maintaining relationships with target audiences. Deeply rooted in the liberal arts tradition of Aristotle's *Rhetoric* teachings, PR has become an engaging, fast-paced, demanding and strategically sophisticated profession that today uses multi-media communications tactics and technologies.

Hallmarks of the profession include, but are certainly not limited to, a) a commitment to freedom of speech and expression; b) clear, concise and compelling writing; c) an understanding of and appreciation for journalism's role in a democracy; d) appreciation of and commitment to multicultural awareness; e) mass media literacy; f) critical thinking and problem-solving skills; g) adherence to the codes of ethics of the Public Relations Society of America and the International Association of Business Communicators.

Students pursue in-depth academic studies of public relations while also gaining real-world, real-time learning experiences. Graduates are well prepared to launch careers in public relations and related fields. The public relations major also serves students who plan to pursue graduate or professional degrees in communications or other areas. The public relations program encourages students to explore possibilities for double majors, and also possibilities for study abroad and study away experiences.

Franklin College is the alma mater of one of the key historical figures in American public relations – Elmer Davis, who directed the Office of War Information for President Franklin Roosevelt during World War II.

All major and minor courses must be completed with a grade of C- or better.

Public Relations Major

Core Requirements

PRL 115 Reporting, Interviewing, and Newswriting
PRL 221 Public Relations Practice Areas
PRL 222 Social Media Strategy and Tactics
PRL 333 Public Relations Writing
PRL 334 Learning Engagement with Public Relations Professionals
PRL 375 Public Relations Research
PRL 480 Strategic Communications Campaigns
PRL 498 Portfolio Development Seminar
PRL 499 Senior Competency Seminar

Optional Course

PRL 303 Sports Information and Public Relations

Professional Development Requirements

PRL 120 Ethics and Professional Development
SNT 489 PRL Senior Year Internship

Media Skills and Knowledge Requirements

PRL 180 Publications Design
PRL 190 Digital Photography
PRL 195 Digital Media Production I
PRL 445 Communication Law in a Digital World

Activity Credits

All PRL majors must participate and earn credit for at least THREE multimedia journalism activity experiences such as:

MMJ 001 Student Media
MMJ 002 Statehouse File
MMJ 005 TV News
MMJ 007 Media Manager
PRL 005 Pulse Promotions

Related Field Requirements: Students are required to choose ONE of the following options

Related Field Option – Twelve credit hours from one academic field outside of major. Cross-listed courses with major courses, such as MMJ/PRL/SPR Publication Design, cannot count toward a related field.

Minor Option – A minor in an academic field outside of major. Students must meet the requirements of the department offering the minor.

Double Major Option – A second major at Franklin College. Students must meet all requirements for both majors.

Public Relations Minor (except for Multimedia Journalism and Sports Communication Majors)

Core Requirements

PRL 180 Publication Design
PRL 190 Digital Photography
PRL 195 Digital Media Production I
PRL 221 Public Relations Practice Areas
PRL 334 Learning Engagement with Public Relations Professionals
PRL 445 Communication Law in a Digital World

Public Relations Minor for Multimedia Journalism and Sports Communication Majors

Core Requirements

PRL 221 Public Relations Practice Areas
PRL 222 Social Media Strategy and Tactics
PRL 333 Public Relations Writing
PRL 334 Learning Engagement with Public Relations Professionals
BUS 101 Introduction to the Business Mindset
SOC 230 Introduction to Nonprofits

Public Relations Course Descriptions

PRL 005 Pulse Promotions		1 credit hour
Fall and Spring		

Laboratory course in advertising and public relations includes the planning and execution of campaigns for campus and community clients. Counts as activity course credit. Pass/fail.

PRL 115 Reporting, Interviewing, and Newswriting		3 credit hours
Fall and Spring		

This course will focus on the processes of news and information gathering making use of different media platforms. Students will learn the techniques of interviewing and will learn to challenge the information they gather. The emphasis will be on developing reporting skills so students can gather accurate information. Same as MMJ/SPR 115.

PRL 120 Ethics and Professional Development		3 credit hours
Fall and Spring		

An introduction to basic aspects of professionalism required of media professionals. Course emphases are on professional ethics codes of journalism and public relations; basic concepts and terminology of journalism; business etiquette; media career options; basics of Associated Press style; resume and cover letter preparation; and internship preparation. Same as MMJ/SPR 120.

PRL 180 Publication Design		3 credit hours
Fall and Spring		

Theory and practice in graphic design for publications commonly used by news and public relations professionals. Focus is on creating ethical, compelling and effective visual communications vehicles by combining elements such as copy, colors, fonts, photos, illustrations and informational graphics. Same as MMJ 180.

PRL 190 Digital Photography		3 credit hours
Fall and Spring	Creative Arts exploratory	

This course offers a broad exploration of digital photography and its applications both as a fine art and for storytelling purposes. The curriculum begins with fundamental aspects such as camera controls, composition, and lighting. It progresses to more intricate topics that delve into the dynamic relationship between the photographer and the audience. Students will be required to create content using appropriate gear and prepare it for distribution across multiple platforms as appropriate for the message intended. Fall and spring. *Fee: $20 nonrefundable*. Same as ART/MMJ/SPR 190.

PRL 195 Digital Media Production I		3 credit hours
Fall and spring		Prereq: ART/MMJ/PRL/SPR 190

Introduces storytelling across a variety of digital platforms, including basic concepts of audio, video, and multimedia technologies, as well as social media. Emphasis on understanding the processes from reporting to content creation, as well as the aesthetics and production techniques to achieve high quality content for different audiences. Same as MMJ/SPR 195.

PRL 221 Public Relations Practice Areas		3 credit hours
Fall		

An introduction to practical and theoretical aspects of the public relations profession. Students become familiar with career options and the basic knowledge/skills required of public relations practitioners through the study of contemporary practice areas such as, but not limited to, community relations, consumer relations, corporate communications, education communications, employee communications, faith-based communications, government communications, healthcare communications, investor relations, nonprofit communications, sports communications.

PRL 222 Social Media Strategy and Tactics		3 credit hours
Spring		Prereq: PRL 221 or consent of instructor

The study and practical application of social media best practices in public relations contexts. Topics include social media policy development/management, using social media within strategic communications plans, case studies in social media success, and basic analysis of social media metrics. Course includes hands-on practice in results-driven social media simulations.

PRL 300 Topics in Public Relations		3 credit hours

A topic of current interest in public relations will be taught. Topics will vary depending on faculty and student interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

PRL 303 Sports Information and Public Relations		3 credit hours
Fall		Prereq for PRL: PRL 221 & PRL 333 or consent of instructor Prereq for SPR: SPR 101, SPR 115, & SPR 200 or consent of instructor

The study of and hands-on experience in best practices for conducting public relations on behalf of sports teams and their parent organizations-schools, conferences, amateur governing bodies and professional teams. Emphasis is on the college/university sports information profession. Topics include, but are not limited to, using in-game statistical software for major sports; media credentialing; press box and press row management; proactive and reactive media relations; season media guides; game-day media guides; strategic planning; crisis communications; relationships with players and coaches; multimedia story packaging; and pre-season, in-season and post-season writing. Same as SPR 303.

PRL 333 Public Relations Writing		3 credit hours
Spring	Prereq: PRL/MMJ 120 and PRL 221 or consent of instructor	

Extensive practice in writing materials commonly used by public relations professionals and their clients. Projects involve research, concept development, writing, revision, and project management. Focuses on results-oriented writing based on accuracy, clarity, and creativity in business and nonprofit settings. Includes introduction to advertising copywriting.

PRL 334 Learning Engagement with Public Relations Professionals		3 credit hours
Fall		Prereq: PRL 221 or consent of instructor

Within the context of a traditional course, students interact and network weekly with public relations professionals from a variety of practice areas. Students study each visiting professional's practice area, business/organization, competitors, and communications tactics. Students develop additional skills and knowledge by studying communications from a professional trade organization in public relations. There is a course fee required for student membership in either the Public Relations Society of America (PRSA) or the International Association of Business Communicators (IABC), depending on the instructor's choice of organization each year.

PRL 375 Public Relations Research		3 credit hours
Fall		

The goal of this course is to present an overview of the vital role research plays in the field of public relations. In addition to being introduced to various measurement tools and methodologies for gathering and analyzing data, students will review both classic and modern public relations case studies. Students will also be introduced to the PRSA Code of Ethics and the process of conducting public relations research to better understand the steps of creating an action-driven campaign.

PRL 380 Practicum in Public Relations		1-2 credit hours
Fall and Spring		Prereq: PRL 221 or consent of instructor

Experience on campus in areas directly related to public relations and mass media; or off-campus experiences or on-the-job training related to public relations.

PRL 445 Communication Law in a Digital World		3 credit hours
Fall and Spring	Civic Learning exploratory	

A survey of communications law, including libel, privacy, free press/fair trial, reportorial privilege, access, and broadcast regulation. Same as MMJ 445.

PRL 480 Strategic Communications Campaigns		3 credit hours
Spring		Prereq: PRL 221, 222, 333, 334, & senior standing or consent of instructor Coreq: PRL 498

Course focuses on the research, writing, and evaluation of strategic communications plans. Emphasis will be on common plan elements such as the situation analysis, desired communications outcomes, target audiences, key messages, strategies, tactics, and timelines-by-tactics.

PRL 490 Independent Study		1-2 credit hours
Fall and spring		Prereq: consent of instructor

Course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

PRL 498 Portfolio Development Seminar		No credit
Fall		Prereq: PRL 221 & senior standing

Each student must develop physical (“book”) and digital interactive portfolios containing an appropriate body of work that demonstrates to a potential employer that the student is ready to make the transition to the professional workplace. Coursework requirements include job searches and actual job applications. Satisfactory/Unsatisfactory grading. PRL 498 and 499 should be taken together in the student’s final semester.

PRL 499 Senior Competency Seminar		No credit
Spring		Prereq: PRL 221, 222, 333, 334, & 480

A comprehensive exam over major aspects of the study of public relations. A minimum grade of 60 is required. If the minimum grade is not achieved, one retake may be permitted if Pulliam School faculty members judge the first attempt to be an earnest effort with a score reasonably close to the required minimum. PRL 498 and 499 should be taken together in the student's final semester.

SNR/SNT 489 (PRL) Senior Year Internship/Project		4-12 credit hours
Fall, Immersive, Spring, Summer		

A practical professional experience in public relations. In special circumstances, and with permission of a majority of Pulliam School faculty, a significant experience in mass media, and not specifically in public relations, may be accepted. Pass/Fail grading.

Religion

Department: Philosophy and Religion
Department Chair: J. Alexander
Department Members: J. Alexander, B. Kenofer

Major: Religious Studies (Optional Track: Religion and Nonprofits)
Minor: Religious Studies

The Franklin College religious studies program is designed to provide students with the opportunity to study religion as a response to the basic question of human life, to become familiar with the religious perceptions and practices in Western and Eastern cultures, and to develop their own theological understandings and responses.

The program acquaints students with the diverse traditions of the world religions, explores the various dimensions of the phenomenon of religion, and provides insights into the spiritual quest for the "Divine" or the "Holy."

Students will gain a foundational knowledge of major religious traditions, a substantive and applied knowledge of the major religious questions, and be able to analyze religious expressions in this culture and in the global community.

Religious Studies Major

A major in religious studies is intended to prepare students for entrance into the field of church vocations (pastorate, Christian education, counseling), the nonprofit sector, or for graduate work in preparation for teaching religion on a college or university level. REL 340, 350, 470 and 490 require consent of the instructor or specified prerequisites. Courses numbered 400 are not available to first-year students. All other religious studies courses are available as electives to all students. All prerequisites require a C- or better. The major in religious studies consists of 26 semester hours in religious studies, plus 12 semester hours in supporting fields.

Core Requirements

REL 114 Introduction to Religion
REL 310 Historical Faith and Modern Culture
REL 365 Philosophy of Religion
REL 499 Senior Competency Practicum

Professional Development Requirements

PDP 200 Preparing for Your Internship
REL 498 Portfolio Development Practicum
SNR/SNT 489 REL Senior Year Experience/Project

One of the following courses

REL 220 Old Testament Life and Literature
REL 230 New Testament Life and Literature

One of the following courses

REL 250 Living Religions East
REL 260 Living Religions West

Plus additional Religion coursework to meet the minimum requirement of 26 credit hours

Related Field Requirement

Twelve semester hours to be approved by the department and submitted in writing to the Academic Records Office. All related field courses require a *C*- or better.

Religious Studies Major – Religion and Nonprofits Track

Core Requirements

REL 114 Introduction to Religion
REL 310 Historical Faith and Modern Culture
REL 499 Senior Competency Practicum

Professional Development Requirements

PDP 200 Preparing for Your Internship
REL 498 Portfolio Development Practicum
SNR/SNT 489 REL Senior Year Experience/Project

One of the following courses

REL 220 Old Testament Life and Literature
REL 230 New Testament Life and Literature

One of the following courses

REL 250 Living Religions East
REL 260 Living Religions West

One of the following courses

REL 215 Religion in America I: History of Religion in America
REL 225 Religion in American II: Contemporary Religious Experience

All of the following courses

NPL 222 Social Problems and Nonprofit Responses
NPL 230 Introduction to Nonprofits
NPL 315 Leadership Capstone
REL 240 Giving in Religion
REL 490 Independent Study – research topic concerning Religion and Philanthropy (1 credit)

Religious Studies Minor

Core Requirements

REL 114 Introduction to Religion
REL 490 Independent Study (two hours - relating religious studies to some aspect of the student's major)

One of the following courses

REL 220 Old Testament Life & Literature
REL 230 New Testament Life & Literature

One of the following courses

REL 310 Historical Faith & Mod. Culture
REL 360 Contemporary Christian Thought
REL 365 Philosophy of Religion

Plus additional Religion coursework to meet the minimum requirement of 20 credit hours

Religious Studies Course Descriptions

REL 114 Introduction to Religion		4 credit hours
Fall and Spring	Reasoning & Values exploratory	

An exploration of introductory topics in religious studies: the origins of religion, God, the problem of evil, revelation and scripture, morality, and religious experience.

REL 210 Religion and the Environment		3 credit hours
Fall and Spring	Reasoning & Values exploratory	

This course is a study of the relationship between religion and the environment. It will explore the connection between religious faith tradition(s) and the environmental problems that challenge sustainability in God's creation. Course is open to first-year students.

REL 215 Religion in America I: History of Religion in America		4 credit hours
Fall, even academic years	Reasoning & Values exploratory	

Why is the United States the most religiously active and religiously diverse nation in the world? How has religion shaped the nation's democratic society? This course examines the role of religion in the United States from its founding, through the beginnings of the 20th century. Students will explore the nation's major religious movements, the relationship of politics and religion, as well as important national debates that have highlighted the tension between religious ideology and scientific theory. Open to all students.

REL 220 Old Testament Life and Literature		3 credit hours
Fall	Reasoning & Values exploratory	

A study of the literature of the Old Testament as this literature arose in the historical experience of the people Israel.

REL 225 Religion in America II: Contemporary Religious Experience		4 credit hours
Fall, odd academic years	Reasoning & Values and Comparative Perspectives exploratories	

Religion has always been a dynamic influence on American culture, but the 20th century has seen American religion respond to national financial desperation, multiple international conflicts, and a host of civil rights issues. As a result, religion has undergone significant change in America, and has likewise changed American culture. This course examines the role of religion in the United States throughout the most turbulent and inspiring eras of the 20th century and emphasizes the writings of religious figures at the center of those cultural shifts. Open to all students.

REL 230 New Testament Life and Literature		3 credit hours
Spring	Reasoning & Values exploratory	

A study of the literature of the New Testament, particularly as this literature reveals the early church's understanding of Jesus and the Christian faith.

REL 240 Giving in Religion		3 credit hours
Fall, even academic years	Reasoning & Values exploratory	

This course explores how different religious traditions understand the importance of giving and the relationships that the offering of "time, talent, and treasure" promote between the divine and humanity. The course will focus on religious understandings of volunteerism through a variety of service projects with members of different religious traditions as well as on religion in faith-based organizations. Open to all students.

REL 250 Living Religions East		4 credit hours
Spring, even academic years	Reasoning & Values exploratory	

Historical development, cultural influences, and contemporary expression of Hinduism, Buddhism, Confucianism, Taoism and Shinto. Same as PHL 250.

REL 260 Living Religions West		4 credit hours
Spring, odd academic years	Reasoning & Values exploratory	

Historical development, cultural influences, and contemporary expression of Judaism, Christianity, and Islam studied through primary as well as secondary sources.

REL 300 Topics in Religion		3 credit hours

A topic of current interest in religion will be taught. Topics will vary depending on faculty and student interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

REL 310 Historical Faith and Modern Culture		4 credit hours
Spring, even academic years		

Emergence and expressions of Christian faith in the history of Western and world cultures. Attention given to major personalities; interaction between religion and science, church and state in the modern era.

REL 325 Theories of Religion		2 credit hours
Spring, odd academic years		Prereq: PHL 116 or REL 114

This course explores the various anthropological, psychological, and sociological theories for the presence of organized religion throughout the world; moreover, this course serves to educate students regarding the rise of religious studies as a unique discipline apart from theology and philosophy. Special attention will be given to the work of Sigmund Freud, Carl Jung, William James, Emile Durkheim, Max Weber, and Clifford Geertz, among other scholars.

REL 350 Life of Jesus and Gospel Formation		2 credit hours
Fall, odd academic years		Prereq: REL 230

A study of what the critical tools of literary criticism, form criticism, and redaction criticism can tell us about the historical Jesus; the formation of the Synoptic gospels and John, and Christological formulation in the New Testament.

REL 360 Contemporary Christian Thought		4 credit hours
Spring, even academic years		

An exploration of themes and issues in the thought of significant 20th and 21st century Protestant, Roman Catholic, and Orthodox theologians.

REL 365 Philosophy of Religion		4 credit hours
Fall, even academic years		

Persistent philosophical problems of historical religion, such as the nature of religion, religious knowledge, and the nature and existence of God and human freedom. Same as PHL 365.

REL 470 Seminar: Themes in Religious Inquiry		3 credit hours
		Prereq: consent of instructor

Topics in the biblical, historical, or theological area of religious inquiry, depending upon interests of students.

REL 482 Religion Practicum		1-2 credit hours
		Prereq: consent of instructor

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

REL 490 Independent Study		1-2 credit hours
		Prereq: Departmental consent

An academic project designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

REL 498 Portfolio Development Practicum		No credit
		Coreq: REL 499 and SNR/SNT 489

Each student must develop a portfolio containing an appropriate body of work that, by the time of graduation, demonstrates the student is ready to make the transition to the professional workplace or graduate school. The specific format and content of the portfolio is determined through consultation of the student with the department and by attending appropriate sessions of PDP 200. REL 498 is one component of the SNR/SNT 489 requirement. Portfolios will receive either a passing or failing grade.

REL 499 Senior Competency Practicum		No credit
		Coreq: REL 498 and SNR/SNT 489

Taken concurrently with SNR/SNT 489 (REL), but may include at the department's discretion a multiple-hour comprehensive essay examination covering topics in religious studies (biblical studies, historical theology, systematic theology, comparative religions, and philosophic theology) depending on the student's transcript. A grade of C or better is required for graduation.

SNR/SNT 489 REL Senior Year Experience/Project		2 credit hours
		Coreq: REL 498 and REL 499

Franklin College requires a senior year experience (SNT 489) of all graduating seniors. A portfolio, some participation in PDP 200 and a practical professional development experience related to the field of religion and the student's future plans are normal components. Options for completing this requirement will be as determined for each student in consultation with the department.

Sociology

Department: Sociology
Department Chair: J. Jimerson
Department Members: J. Jimerson

Major: Sociology (Optional Track: Criminal Justice)
Minors: Sociology

Sociology students study how people interact. They also learn how social interactions influence individual actions and vice versa. By learning to scientifically analyze, evaluate, and interpret social phenomena, students gain skills that benefit themselves and others.

The Franklin College Sociology Department teaches students the fundamentals. First, in Introduction to Sociology, students develop their sociological imagination, an ability to imagine or create images of how people interact. Next, intermediate courses teach students to analyze social processes, stratification, and institutions. Sociology majors will also gain useful research skills, such as the ability to do statistical analysis, accumulate quantitative data, and assess qualitative research. In Sociology's capstone courses, which include Sociological Theory and Research Methods, students integrate and apply what they have learned. These three levels of courses prepare sociology students for careers and citizenship by giving them deep and broad ways of thinking.

Sociology students may also focus on Criminal Justice. To emphasize Criminal Justice, students must take Criminal Justice, Criminology, Corrections, and related courses.

Finally, sociology majors must participate in professional development activities, internships, and other co-curricular and community-based experiences. Sociology prepares students for life after college.

All courses must be completed with a grade of C- or better.

Sociology Major

Core requirements

SOC 118 Introduction to Sociology
SOC 224 Basic Applied Statistics
SOC 227 Inquiry in the Social Sciences
SOC 422 Sociological Theory
SOC 425 Research Methods I
SOC 427 Research Methods II
SOC 499 Senior Competency Exam

One course from each of the following categories

Category A

SOC 319 Gender and Sexuality
SOC 325 Power, Wealth, and Poverty
SOC 330 Globalization
SOC 358 Personal Finance and Public Policy

Category B

SOC 230 Introduction to Nonprofits
SOC 221 Marriage and Family
SOC 323 Organizations
SOC 340 Corrections

Category C

ENG 224 Introduction to Linguistics
SOC 220 Gerontology
SOC 222 Social Problems and Nonprofit Responses
SOC 321 Criminology

Senior Year Experience

PDP 200 Preparing for Your Internship
SNT 489 Senior Year Internship
SOC 482 Sociology Senior Seminar

Related Field requirements

Note: Students who declare a minor OR the Criminal Justice Track do NOT need additional related field requirements. Students who do NOT declare one of these options must complete a minimum of 12 semester hours 200-level or above from a related field defined in consultation with his/her advisor and approved by the Registrar. A grade of C- or better is required for all related field courses.

Sociology Major: Criminal Justice Track

Core requirements

Same as for the sociology major listed on preceding page minus the related field requirements

All of the following courses

POL 110 American National Government
POL 420 American Constitutional Law II
SOC 210 Criminal Justice
SOC 321 Criminology
SOC 340 Corrections

One of the following courses

POL 225 State and Local Government
POL 275 Law and Politics in American Society
PSY 240 Psychological Disorders and Mental Wellness
PSY 320 Social Psychology
SOC 323 Organizations

Sociology Minor

Core Requirements

SOC 118 Introduction to Sociology

Four additional SOC courses, two of which must be 300-level or higher

Sociology Course Descriptions

SOC 118 Introduction to Sociology		4 credit hours
Fall and Spring	Human Behavior exploratory	

Methods, theories, principles, and concepts that have resulted from the scientific analysis of human interaction. Emphasis is given to the structural and cultural aspects of society and to the complex ways in which various environments influence human development and behavior. Not an appropriate exploratory course for junior and senior non-majors. Prerequisite for most other courses in sociology.

SOC 210 Criminal Justice		4 credit hours
Fall	Comparative Perspectives & Civic Learning exploratories	

This course introduces students to this history, philosophy, structure, functions, and operation of the U.S. criminal justice system. This course also examines how that criminal justice system interacts with race, class, gender, and other forms of social stratification.

SOC 220 Gerontology		4 credit hours
Spring, odd academic years		Prereq: PSY 117 or SOC 118

An analysis of the process of aging, which will utilize social, psychological, and structural approaches to gain an understanding of the unique problems which confront the elderly in modern society. Course goals also include the development or refinement of specific skills and techniques for studying or working with older adults through a substantive experiential learning component. Same as PSY 220.

SOC 221 Marriage and the Family		4 credit hours
Fall, odd academic years		Prereq: SOC 118

The institutions of marriage and family are explored. Special consideration is given to the social, cultural, and economic forces that influence trends in family structure and family functioning. Cross-cultural and subcultural comparisons are often made to show the socially constructed aspects of family.

SOC 222 Social Problems and Nonprofit Responses		4 credit hours
Spring, even academic years		

An analysis of the nature, causes, and responses to social and cultural problems such as hunger, homeless, illiteracy, drug addiction, or domestic violence. Attention will be paid to framing of these phenomena as problems. Will also address major role of the nonprofit sector in alleviating these problems with attention to effectiveness of service programs. Same as NPL 222.

SOC 224 Basic Applied Statistics		3 credit hours
Fall and Spring	Fulfills LA 103 requirement	Prereq: one of the following: CMP 130, LA 103, MAT 131, MAT 135, MAT 181, or placement in MAT 135/181

An introduction to statistical reasoning for students in life and social sciences using the computer as a tool to analyze data. Data reduction, probability concepts, sampling theory, hypothesis testing, estimation, chi-square, t-test, analysis of variance, correlation and regression, and some non-parametric tests are included. Does not count towards a mathematics major. Same as MAT 224. Students cannot receive credit for both.

SOC 227 Inquiry in the Social Sciences		3 credit hours
Spring		Prereq: POL 110, POL 120, POL 130 or SOC 118 or consent of instructor

This course will introduce students to qualitative and quantitative research. Students will learn to ask and answer questions as a social scientist and apply these skills to explore a contemporary topic. Students will also learn how to format research papers and analyze data. Students should take this course before taking advanced social science research courses.

SOC 230 Introduction to Nonprofits		4 credit hours
Fall		

This course provides an overview of the nonprofit sector in American society. Attention will be given to the widely varied roles that nonprofit organizations play in responding to social issues and the interplay between nonprofits, business, and government in this broad mission. Students will be introduced to the functions and operation of a nonprofit organization including program development and measurement, fundraising, volunteer management, board governance and management of staff and finances. Same as NPL 230.

SOC 240 Sociology of Sport		4 credit hours
On demand		

In this course, students will: (1) study the history of sports; (2) examine how people use sports to socialize adults and children; (3) investigate corruption in sports (e.g., cheating, gambling, and winning at all costs); and (4) study stratification in sports, particularly racial, class, and gender inequalities in American athletics. By taking this critical approach, students will learn about progress, inside and outside of sports.

SOC 300 Topics in Sociology		1-3 credit hours
		Prereq: SOC 118

A topic of current interest in sociology will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

SOC 315 Leadership Capstone		4 credit hours
Spring, odd academic years	Civic Learning exploratory	Prereq: NPL/SOC 230

This course provides an integrative experience linking the student's leadership skills and liberal arts preparation to the learning in her/his major field of study. Specifically, the capstone experience will involve direct student participation working with a non-profit organization and that organization's board. Students in the course must develop a project(s) to be carried out with the non-profit. The project will culminate with a public event or presentation. The capstone project must be reviewed and approved by the course instructor and at least one representative of the Engaged Learning Team. Total course experience brings opportunity to think independently, lead responsibly, and serve with integrity. Same as NPL/LEA 315.

SOC 319 Gender and Sexuality		4 credit hours
Fall, even academic years		Prereq: SOC 118

This course provides an overview of theoretical and empirical work in the sociology of sex, gender, and sexuality. The course will also address various facets of the subject including ways that social, cultural, and legal status influence individual experiences and outcomes. Attention is paid to the social construction/control of gender, transgender, and multiple sexualities. Same as WST 319.

SOC 321 Criminology		4 credit hours
Spring		Prereq: SOC 118 or consent of instructor

A study of the social, cultural, and psychological process involved in the creation of deviance; attention is given to the nature of criminal law, to the various forms of social control which society uses in its attempts to cope with and prevent crime, and to the consequences of social typing on those so typed.

SOC 323 Organizations		4 credit hours
Spring		Prereq: SOC 118 or consent of instructor

An introduction to the study of formal or complex organizations; the variables which affect the structure of formal organizations; types of organizations, the relationship between formal and informal organization and alternative organizations.

SOC 325 Power, Wealth, and Poverty		4 credit hours
Spring, even academic years		Prereq: SOC 118

An examination and analysis of major concepts, theories, methods, and research findings in the field of social stratification. Stratification is presented as a result of unequal distribution of everyday life necessities such as social and political power, land, food, and shelter.

SOC 330 Globalization		4 credit hours
Spring, odd academic years	International exploratory	Prereq: SOC 118

This course examines the historical, political, and economic factors contributing to globalization, as well as the social consequences of recent political, economics, and environmental change. It focuses in particular on how new forms of global production and networking are transforming the traditional role of the nation-state, creating new dynamics of wealth distribution in the global economy, influencing international migration patterns. Additionally, it examines the way in which globalization processes are generating new sources of social conflict and collective action, including transnational social movements.

SOC 340 Corrections		4 credit hours
Spring		Prereq: SOC 118 & either SOC 210 or SOC 321

History, philosophy, practice, and evaluation of noncustodial and custodial sanctions in formal social control systems. This course studies a wide range of correctional treatments such as diversion programs and restorative justice, probation/parole and intermediate sanctions, incarceration, and the death penalty. Special attention will be given to juvenile corrections and cross-cultural perspectives.

SOC 358 Personal Finance and Public Policy		4 credit hours
Fall and Spring	Civic Learning exploratory	Prereq: MAT 131, MAT 135, MAT 224, LA 103, or consent of instructor

This course will introduce students to the basics of personal finance, including spending, saving, borrowing, investing, planning, and more. Of course, the personal is political. The government collects sales tax, polices credit, insures banks, guarantees student loans and mortgages, and regulates securities, while taxing income and savings in diverse ways. This micro-macro analysis will teach students to understand how they and the government influence each other monetarily. The goal of this course is to provide students with a financial education that they can use to make better financial decisions and become prosperous citizens. Same as BUS/PDP 358.

SOC 422 Sociological Theory		4 credit hours
Fall		*Prereq: SOC 118*

A consideration of the nature and purpose of sociological theory and its relationship to empirical research. The course will consider the theories of major sociological thinkers, past and present. Students should take this course during the junior year.

SOC 425 Research Methods I		4 credit hours
Fall		Prereq: SOC 118 & SOC 227

An introduction to the design and methods employed in modern sociological research. Students are required to plan a research project and to conduct an intensive review of the literature on that topic.

SOC 427 Research Methods II		4 credit hours
Spring		Prereq: SOC 224, SOC 227 & SOC 425

Continued consideration of the design and methods employed in modern sociological research begun in SOC 425. Students are required to carry out the research project proposed in SOC 425, under the supervision of the instructor.

SOC 482 Sociology Senior Seminar		1 credit hour
Spring		

A thoughtful reflection on an internship experience. Designed to provide students the opportunity to communicate their sociological interpretations of their real-world learning. This course meets the senior year portfolio requirement for graduation.

SOC 490 Independent Study		1-2 credit hours
		Prereq: departmental consent

Courses are designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

SOC 499 Senior Competency Exam		No credit

Students are required to develop a written report which requires the application of sociological concepts, sociological theory, and social methods to a current social issue. A grade of C- or better is required for graduation.

SNR/SNT 489 (SOC) Senior Project/Internship		3-12 credit hours

This course provides professional development, usually off-campus. Students gain practical experience by performing edifying tasks in specialized settings. Students must obtain approval prior to beginning an internship, keep a written record of observations and activities for each day at the internship, and write an analysis of the internship that must be given to his or her advisor. Students may receive one-hour of credit for every thirty hours of work at the internship site.

GEO 220 Human World Geography		3 credit hours
Fall and spring	Comparative Perspectives & Human Behavior exploratories	

Explores the nature of human social behaviors through the study of “diverse focus countries” recognizing recurring patterns in behavior and the forces that shape them. Students will understand how people as well as countries communicate ideas and attempt to solve problems. This course is taught through a lens of current events in the 21st century examining various diverse regions around the globe and how the cultures within those regions live and interact. Human elements of population, cultural inheritance, and accomplishments are studied as these interrelate with the physical elements. Education majors will create a project using the five themes of geography (location, place, human/environmental interaction, movement, and regions).

Nonprofit Leadership Courses

NPL 222 Social Problems and Nonprofit Responses		4 credit hours
Spring, even academic years		

An analysis of the nature, causes, and responses to social and cultural problems such as hunger, homeless, illiteracy, drug addiction, or domestic violence. Attention will be paid to framing of these phenomena as problems. Will also address major role of the nonprofit sector in alleviating these problems with attention to effectiveness of service programs. Same as SOC 222.

NPL 230 Introduction to Nonprofits		4 credit hours
Fall		

This course provides an overview of the nonprofit sector in American society. Attention will be given to the widely varied roles that nonprofit organizations play in responding to social issues and the interplay between nonprofits, business, and government in this broad mission. Students will be introduced to the functions and operation of a nonprofit organization including program development and measurement, fundraising, volunteer management, board governance and management of staff and finances. Same as SOC 230.

NPL 315 Leadership Capstone		4 credit hours
Spring, odd academic years.	Civic Learning exploratory	Prereq: NPL/SOC 230 & LA 101, 102, 103, 111, & 201

This course provides an integrative experience linking the student's leadership skills and liberal arts preparation to the learning in her/his major field of study. Specifically, the capstone experience will involve direct student participation working with a non-profit organization and that organization's board. Students in the course must develop a project(s) to be carried out with the non-profit. The project will culminate with a public event or presentation. The capstone project must be reviewed and approved by the course instructor and at least one representative of the Engaged Learning Team. Total course experience brings opportunity to think independently, lead responsibly, and serve with integrity. Same as SOC/LEA 315.

NPL 485 Communications Consulting Project		3 credit hours
Fall, senior year	Civic Learning exploratory	Prereq: LA 201 & senior standing, or instructor permission

An examination of the ways in which students can apply their skills in the workplace and serve their communities. Students will work in teams on communications projects for a local nonprofit or similar organization. Special emphasis given to professional development skills, particularly communication, project management, and consulting. Same as ENG 485.

Spanish

Department: Modern Languages
Department Chair: J. Brown
Department Members: D. Alsop, J. Brown, S. Colburn-Alsop

Major: Spanish
Minor: Spanish

The challenges of today's world require men and women educated within a multilingual and multicultural perspective.

The department of modern languages is dedicated to meeting those challenges by offering programs that open career opportunities in journalism, international business, law, Foreign Service, social and medical services, tourism, and teaching.

The department offers majors and minors in French and Spanish. The possibility of pursuing an individualized minor in language studies or other related areas can be investigated through the individualized minor program.

One semester of a modern foreign language at the 210 course level or higher will satisfy the international exploratory requirement. One semester of a modern foreign language at the 211 course level will satisfy the comparative perspectives exploratory requirement.

Advanced Placement
Students who upon matriculation do not demonstrate proficiency equivalent to satisfactory completion of a Franklin College foreign language course numbered 111 or higher or the equivalent at another institution must complete such a course prior to graduation. If a student takes the French or Spanish placement test and places above the first-semester level, the student is eligible to receive credits for the courses below the level into which they placed, provided they successfully complete with a C- or above, at Franklin College, the course into which they placed. Students may earn up to 12 hours for French or Spanish placement. Example: Students who place into the 300 level of Spanish will receive 12 credit hours for SPA 111, 210 and 211 upon the successful completion of a 300-level course by earning a grade of C- or better. Students who place into the 200 level of Spanish will receive eight credit hours for SPA 110 and 111 upon the successful completion of a 200-level course by earning a grade of C- or better. Credits for SPA 210 and 211 count toward the Spanish major and minor and toward the 120 credit hours required for graduation. Advanced Placement credit for SPA 210 will fulfill the International exploratory, and Advanced Placement credit for SPA 211 will fulfill the Comparative Perspectives exploratory. Credits for SPA 110 and SPA 111 only apply toward the 120 credit hours needed for graduation.

Helpful Notes

- **Majors and minors must receive a grade of C- or better in all classes.**
- The Advanced Skills courses (AS) can be taken in any order.
- The prerequisite for any Advanced Culture/Literature (CL) course is SPA 315, unless the student receives departmental approval.
- SPA 300 Topics in Spanish may be taken more than once as long as topic differs. Depending on topic, it may count as Advanced Skills or Advanced Culture/Literature, as indicated in the individual course description.

Spanish Major

The minimum requirement for a foreign language major is 28 semester hours, numbered above 111. The advanced courses, SPA 300 and above, are structured in two tiers, Advanced Skills (AS) and Advanced Culture/Literature (CL), which are designated in the list below. Students must take ***at least two*** Advanced Culture/Literature courses (CL) on the Franklin College campus or an approved campus exchange course and must receive a grade of *C*- or better in all 28 semester hours. The courses chosen by the student for the related field requirement must have department approval.

A **maximum of 8 hours** of transfer credit, AP credit, and/or advance-placement credit can be applied to the 28 hours of coursework at the 200-level or above required for the Spanish major. In order to complete the Spanish major, students must complete **at least 20 credit hours** of Spanish coursework at the 200-level or above at Franklin College, including two Culture/Literature classes. A Spanish major completing a semester or more of approved study abroad can apply up to 8 additional credit hours-as determined by the department-toward the total 28 credit hours required for the major. Only 4 of the possible 8 hours can be applied to the Culture/Literature requirement; the remaining 4 must be completed at Franklin College.

Minimum of 28 credit hours from the following

Required Courses (AS = Advanced Skills, CL = Culture Literature)

- **SPA 210** Intermediate Spanish
- **SPA 211** Intermediate Reading, Writing, and Discussion
- **SPA 315** Advanced Grammar and Composition (AS)

Four courses from this group, two of which must be CL courses:

- **SPA 300** Topics in Spanish (AS)*
- **SPA 312** Pronunciation for Communication (AS)*
- **SPA 313** Altruism and Civic Engagement in Latino Communities (AS)*
- **SPA 314** Spanish in the Work World (AS)*
- **SPA 316** One-Act Plays for Fluency (AS)*
- **SPA 317** Hispanic Visual Arts (AS)*
- **SPA 318** Hispanic Civilization and Culture (AS)*
- **SPA 330** Border Crossings (CL)
- **SPA 331** Uncovering Latin America: Getting to Know the Unknown (CL)
- **SPA 332** Love, Lust, God: Masterpieces of Spanish Literature (CL)
- **SPA 334** Masterpieces of Spanish-American Literature (CL)
- **SPA 337** Golden Age of Spanish Literature (CL)*

*Indicates a course only offered on demand

All of the following courses

- **PDP 200** Preparing for Your Internship
- **SNR/SNT 489 SPA** Senior Year Internship/Project
- **SPA 498** Portfolio
- **SPA 499** Senior Essay

At least one of the following immersive experiences

- **SPA 313** Altruism and Civic Engagement in Latino Communities (AS)
- **SNT 489** Program-approved internship/project requiring direct engagement with Spanish language and/or Latino culture
- Program-approved study abroad in a Spanish-speaking country

Related field

12 credit hours - courses chosen must have department approval and be submitted to the Academic Records Office. All related field courses must be completed with a grade of *C*- or better.

Spanish Minor

The minimum requirement for a Spanish minor is 20 semester hours, numbered above 111. The advanced courses, SPA 300 and above, are structured in two tiers, Advanced Skills (AS) and Advanced Culture/Literature (CL), which are designated in the list below. Students must receive a grade of *C*- or better in all 20 semester hours.

A **maximum of 8 hours** of transfer credit, AP credit, advance-placement credit, and/or study-abroad credit can be applied to the 20 hours of coursework at the 200-level or above required for the Spanish minor. In order to complete the Spanish minor, students must complete **at least 12 credit hours** of Spanish coursework at the 200-level or above at Franklin College.

Required Courses (AS = Advanced Skills, CL = Culture Literature)

SPA 210 Intermediate Spanish
SPA 211 Intermediate Reading, Writing, and Discussion
SPA 315 Advanced Grammar and Composition (AS)

Two courses from this group

SPA 300 Topics in Spanish (AS/CL)*
SPA 312 Pronunciation for Communication (AS)*
SPA 313 Altruism and Civic Engagement in Latino Communities (AS)*
SPA 314 Spanish in the Work World (AS)*
SPA 316 One-Act Plays for Fluency (AS)*
SPA 317 Hispanic Visual Arts (AS)*
SPA 318 Hispanic Civilization and Culture (AS)*
SPA 330 Border Crossings (CL)
SPA 331 Uncovering Latin America: Getting to Know the Unknown (CL)
SPA 332 Love, Lust, God: Masterpieces of Spanish Literature (CL)
SPA 334 Masterpieces of Spanish-American Literature (CL)
SPA 337 Golden Age of Spanish Literature (CL)*
*Indicates a course only offered on demand

Spanish Course Descriptions

SPA 110 Elementary College Spanish I		4 credit hours
Fall		

Designed to provide students with a basic knowledge and comprehension of Spanish, with some degree of facility in conversation. Emphasis on Hispanic culture.

SPA 111 Elementary College Spanish II		4 credit hours
Spring		Prereq: C- or better in SPA 110 or equivalent

Continuation of SPA 110. *Fee: $30 for TalkAbroad conversations.*

SPA 210 Intermediate Spanish		4 credit hours
Fall	International exploratory	Prereq: C- or better in SPA 111 or equivalent

Spanish 210 is the first course at the intermediate level of university Spanish. This course will focus on fomenting and polishing speaking, listening comprehension, reading, and writing skills in the target language. *Fee: $30 for TalkAbroad conversations.*

SPA 211 Intermediate Reading, Writing, and Discussion		4 credit hours
Spring	Comparative Perspectives exploratory	Prereq: C- or better in SPA 210 or equivalent

Designed for students continuing study in Spanish language and literature, will focus on speaking, listening comprehension, reading, and writing skills in the target language through a wide variety of large-group, small-group, and individual activities. Special attention will be devoted to discussion and analysis of short Hispanic literary pieces and films, culminating in the opportunity to learn how to write an organized, thoughtful literary essay about one of the reading or film selections. Strongly recommended by the department as part of a related field for students whose major is in the humanities and who plan to pursue graduate work. *Fee: $30 for TalkAbroad conversations.*

SPA 300 Topics in Spanish		2-4 credit hours
		Prereq: C- or better in SPA 211 or consent of instructor

A topic of current interest in Spanish will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

SPA 312 Pronunciation for Communication		4 credit hours
On demand		Prereq: C- or better in SPA 211 or equivalent

Combines study and practice of the sounds of the Spanish language with the development of communicational fluency through activities, such as tongue twisters, reading aloud, conversations with native speakers via Skype, etc. *Fee: $60 for Skype conversation partner arrangement.*

SPA 313 Altruism & Civic Engagement in Latino Communities		4 credit hours
On demand		Prereq: C- or better in SPA 211 or consent of instructor

In this course we will meet two days per week (50 minutes) to read and discuss various essays, short stories, and novels from Hispanic literature that relate the subject to altruism and service. The readings will prepare students for their participatory experience in an organized service-learning activity that develops student civic responsibility and allows them to reflect on the service learning in such a way as to gain further understanding of the concept of altruism, an enhanced sense of personal responsibility and a better culture understanding of the Latino individuals with whom they work and collaborate. Class time will also be used to discuss the students' reactions and reflections on the service-learning experience and how they relate their respective experiences to their class reading assignments. Note: The approach does not regard literature as sermons or didactic tests! The readings simply provide a platform for students to relate their own personal experiences to analysis of the literary works.

SPA 314 Spanish in the Work World		4 credit hours
Spring, even academic years		Prereq: C- or better in SPA 211 or equivalent

This course links the study of Spanish with many professions in business, communications, social services, education, health care, law, and much more. We will examine specific career options that encompass the Spanish language and study the corresponding work environment, culture, etiquette, and vocabulary associated with these areas. Each student will have the opportunity to explore how Spanish fits into his/her potential career choice.

SPA 315 Advanced Grammar and Composition		4 credit hours
Fall		Prereq: C- or better in SPA 211 or equivalent

The objective of this course is to work toward fluency in written Spanish through daily writing assignments, formal compositions, classroom discussions and small-group interaction. Further, study of advanced grammatical points is an essential component of this course to improve grammatical accuracy in writing. *Fee: $30 for TalkAbroad conversations.*

SPA 316 One-Act Plays for Fluency		4 credit hours
On demand		Prereq: C- or better in SPA 211 or equivalent

Develops fluency in all four language skills utilizing one-act plays from Latin America. Includes discussion, writing, analysis and improvisational practice.

SPA 317 Hispanic Visual Arts		4 credit hours
On demand		Prereq: C- or better in SPA 211 or consent of instructor

This course expands students' understanding and appreciation for Spanish-speaking cultures and communities through the study of the visual arts. It examines the ways in which the visual arts reflect history, society, class, and gender issues, and develops the understanding of art forms within specific cultural contexts. Students will develop all four language skills through analysis and discussion of the different cultural aspects studied, while further developing their historical and cultural knowledge.

SPA 318 Hispanic Civilization and Culture		4 credit hours
On demand		Prereq: C- or better in SPA 211 or consent of instructor

This course expands students' understanding and appreciation for the Spanish-speaking world through the study of Hispanic culture and civilizations. Topics may include, but are not limited to, issues of colonization, self-representation, religion, gender, race, nationalisms, globalizations, and cultural appropriation from the interdisciplinary perspective. Students will develop all four language skills through analysis and discussion, while further developing their historical and cultural knowledge.

SPA 330 Border Crossings		4 credit hours
Spring, odd academic years		Prereq: Successful completion of SPA 315 or consent of instructor

A multidisciplinary approach that considers U.S. Latinos Literature through the border metaphor, both literal (territorial or physical) and symbolic (social, cultural, textual). Readings are in English and Spanish; lectures and discussions are in Spanish.

SPA 331 Uncovering Latin America: Getting to Know the Unknown		4 credit hours
Spring, even academic years		Prereq: Successful completion of SPA 315 or consent of instructor

An in-depth contemporary study of four Spanish-American Cultures and Civilizations.

SPA 332 Love, Lust, God: Masterpieces of Spanish Literature		4 credit hours
Fall, odd academic years		Prereq: Successful completion of SPA 315 or consent of instructor

Analysis of the literary backgrounds of representative Spanish authors with assigned readings from these authors. Readings, lectures, and discussions are in Spanish.

SPA 334 Masterpieces of Spanish-American Literature		4 credit hours
Fall, even academic years		Prereq: Successful completion of SPA 315 or consent of instructor

Analysis of the literary backgrounds of representative authors of Spanish-American literature with assigned readings from these authors. Readings, lectures, and discussions are in Spanish.

SPA 337 Golden Age of Spanish Literature		3 credit hours
Offered on sufficient demand		Prereq: Successful completion of SPA 315 or consent of instructor

A selection of the masterpieces of this period are read and discussed in Spanish.

SPA 482 Spanish Practicum		1-2 credit hours

A supervised, pre-approved experience which allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester.

SPA 490 Independent Study		1-2 credit hours
		Departmental consent is required

This course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings. The course will include directed reading and discussion of Spanish culture, language, and literature. Final examination or paper is required.

SPA 498 Portfolio		No credit
Fall		

Students will save all components leading to their senior essay required in SPA 499; research, drafts, final copy. Contents may also include assignments and projects of the student's choosing from other coursework. The portfolio is completed with assignments related to leadership and professional development from the PDP 200 course.

SPA 499 Senior Essay		No credit
Spring		

Students will be required to research, write, and revise an essay on a topic relating to their course work at Franklin College. The topic must be approved by the modern languages department. Students will be required to present their essay at a session open to the college community. Students must receive a grade of C- or better in order to pass.

SNR/SNT 489 (SPA) Senior Year Internship/Project		1 credit hour

A one credit hour practicum that is set up with help from the Modern Languages Department. Possibilities include, but are not limited to: working in Spanish for a local business and helping with language programs at area schools. Students may not apply this one credit towards the 28-hours required for a major in Spanish. Note: If a student has a double major (i.e. Journalism and Spanish) and completes the internship in the other major, s/he is not required to complete another in Spanish.

LAN 120 Language Study		1-4 credit hours

Upon occasion, when qualified instructors are available and student demand is sufficient, courses in languages other than French or Spanish may be offered as approved by the Vice President of Academic Affairs. These courses will apply as elective credit toward graduation requirements.

LAN 300 Topics in Language		3 credit hours
	International or Civic Learning exploratory (pending topic approval)	

A topic of current interest in language, other than French or Spanish, will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs. Depending on the topic and/or level of the course, LAN course may satisfy the international or civic learning exploratory requirement.

Sports Communication

Director: J. Krull
Department Chair: S. McDaniel
Faculty: M. Carter, D. Jaggers, J. Krull, S. McDaniel

Major: Sports Communication
Minors: Multimedia Journalism, Sports Communication, Visual Communications (See Multimedia Journalism section)

The Pulliam School of Journalism prepares students for careers in which news is delivered through multiple media platforms: online, on-air, in print. Through classroom, lab and professional field experiences, students are engaged and immersed in the exhilarating practice of news reporting. The multimedia focus of the major means that students become proficient in reporting, writing, editing and producing accurate, ethical and meaningful stories for print, broadcast and, especially, online/digital news outlets.

Major Requirements
All courses for the major must be completed with a grade of C- or better. A grade of C- or better is required for all pre-requisite courses regardless of academic major.

Sports Communication Major

Core Requirements

SPR 101 Sports in Society
SPR 115 Reporting, Interviewing and Newswriting
SPR 135 Editing for Print and Digital Online
SPR 180 Publication Design
SPR 190 Digital Photography
SPR 195 Digital Media Production I
SPR 200 Game Coverage
SPR 255 Video for Digital Journalism
SPR 301 Covering Economics and Public Policy in Sports
SPR 303 Sports Information and Public Relations
SPR 304 Sportscasting
SPR 445 Communication Law in a Digital World

Professional Development

SNT 489 Senior Internship
SPR 120 Ethics and Professional Development
SPR 498 Senior Portfolio
SPR 499 Senior Project

Plus two courses from the following:

PED 333 Coaching Baseball and Softball
PED 334 Coaching Basketball
PED 335 Coaching Football
PED 336 Coaching Volleyball
PED 337 Coaching Track and Field
PED 338 Coaching Soccer
PED 339 Coaching Swimming

Activity Credits

All SPR majors must participate and earn credit for at least THREE multimedia journalism activity experiences such as:

MMJ 001 Student Media
MMJ 002 Statehouse File
MMJ 005 TV News
MMJ 007 Media Manager

Related Field Requirements: Students are required to choose ONE of the following options

Related Field Option – Twelve credit hours from one academic field outside of major. Cross-listed courses with major courses, such as MMJ/PRL/SPR Publication Design, cannot count toward a related field.

Minor Option – A minor in an academic field outside of major. Students must meet the requirements of the department offering the minor.

Double Major Option – A second major at Franklin College. Students must meet all requirements for both majors.

Sports Communication Minor

A minimum of 15 credit hours in the following courses:

3 courses from this list
SPR 101 Sports in Society
SPR 200 Game Coverage
SPR 301 Covering Economic and Public Policy in Sports
SPR 303 Sports Information and Public Relations
SPR 304 Sportscasting

2 courses from this list
SPR 115 Reporting, Interviewing and Newswriting
SPR 135 Editing for Print & Online
SPR 180 Publication Design
SPR 195 Digital Media Production I

Sports Communication Course Descriptions

SPR 101 Sports in Society		3 credit hours
Fall and Spring		

An exploration of new and ongoing issues involving amateur and professional sports. Focus in on the ramifications of sports as a prominent presence across mass media platforms. Also includes study of socio-economic factors related to sports, including gender and racial discrimination/stereotyping.

SPR 115 Multimedia Reporting and Interviewing		3 credit hours
Fall and Spring		

This course will focus on the processes of news and information gathering making use of different media platforms. Students will learn the techniques of interviewing and will learn to challenge the information they gather. The emphasis will be on developing reporting skills so students can gather accurate information. Same as MMJ/PRL 115.

SPR 120 Ethics and Professional Development		3 credit hours
Fall and Spring		

An introduction to basic aspects of professionalism required of multimedia journalists and public relations professionals. Course emphases are on professional ethics codes of journalism and public relations with an examination of case studies; basic concepts and terminology of journalism; business etiquette; multimedia and public relations career options; basics of Associated Press style; resume and cover letter preparation; and internship preparation. Same as MMJ/PRL 120.

SPR 135 Editing for Print and Online		3 credit hours
Fall and Spring		

This course introduces students to copyediting, self-editing and fact-checking skills needed to publish stories for the Web, broadcast and print. Same as MMJ 135.

SPR 190 Digital Photography		3 credit hours
Fall and Spring	Creative Arts exploratory	

This course offers a broad exploration of digital photography and its applications both as a fine art and for storytelling purposes. The curriculum begins with fundamental aspects such as camera controls, composition, and lighting. It progresses to more intricate topics that delve into the dynamic relationship between the photographer and the audience. Students will be required to create content using appropriate gear and prepare it for distribution across multiple platforms as appropriate for the message intended. Fall and spring. *Fee: $20 nonrefundable*. Same as ART/MMJ/PRL 190.

SPR 195 Digital Media Production I		3 credit hours
Fall and Spring		Prereq: ART/MMJ/PRL/SPR 190

Introduces storytelling across a variety of digital platforms, including basic concepts of audio, video, and multimedia technologies, as well as social media. Emphasis on understanding the processes from reporting to content creation, as well as the aesthetics and production techniques to achieve high quality content for different audiences. Same as MMJ/PRL 195.

SPR 180 Publication Design		3 credit hours
Fall and Spring		

This course will focus on fundamentals of typography including theory and practice in visual communication. By exploring typography, photography, layout, grids, and the principles of contrast, repetition, alignment, proximity, and hierarchy, students will create ethical, compelling, and effective two-dimensional designs. Through lectures, projects, and classroom critiques, the focus is on designing publications, information graphics and interactivity. Proficiency in Adobe InDesign and Illustrator required or willingness to learn through online tutorials. Same as MMJ/PRL 180.

SPR 200 Game Coverage		3 credit hours
Fall		Prereq: SPR 101 & MMJ/SPR 115 or consent of instructor

Fundamentals of and hands-on practice in deadline reporting/writing about games, matches, and meets commonly covered in the mass media. Topics include preview stories, rules reviews, coverage preparation, in-game note/statistic-taking, and post-game interviews with coaches and players. Focus in on writing accurate, clear, insightful and objective game stories for print, broadcast and social media. Games covered will vary based on season/semester. Some travel may be required.

SPR 255 Video for Digital Journalism		3 credit hours
Spring		Prereq: MMJ/PRL/SPR 195 or consent of instructor

Designed to introduce broadcast writing and to enhance opportunities to develop broadcast-style shooting and editing skills. This course adds onto the video skills learned in Video for Digital Journalism I. Students will learn to shoot voice overs, voice overs with sound bites and full packages suitable for broadcast featuring news and sports content. Students will also learn to produce scripts for broadcast delivery, as well as the process of creating newscast/sportscast rundowns. Video studio techniques and procedures will be taught in the PSJ video lab. Distribution of individual stories via social media will be required. Same as MMJ 255.

SPR 301 Covering Economics & Public Policy in Sports		3 credit hours
Fall		Prereq for SPR: SPR 101, MMJ/SPR 115, & MMJ/PRL/SPR 120 or consent of instructor

The study of the ways financial considerations and government policies affect athletics. Features a series of in-depth interviews/discussions with decision-makers in sports, business and government. Focus will be on developing a deep understanding of the frameworks within which viable sports organizations and leagues operate.

SPR 303 Sports Information and Public Relations		3 credit hours
Fall		Prereq for PRL: PRL 221 & PRL 333 or consent of instructor Prereq for SPR: SPR 101, SPR 115, & SPR 200 or consent of instructor

The study of and hands-on experience in best practices for conducting public relations on behalf of sports teams and their parent organizations-schools, conferences, amateur governing bodies and professional teams. Emphasis is on the college/university sports information profession. Topics include, but are not limited to, using in-game statistical software for major sports; media credentialing; press box and press row management; proactive and reactive media relations; season media guides; game-day media guides; strategic planning; crisis communications; relationships with players and coaches; multimedia story packaging; and pre-season, in-season and post-season writing. Same as PRL 303.

SPR 304 Sportscasting		3 credit hours
Spring		Prereqs: SPR 101 & SPR 115 or consent of instructor

Introduces the structure and technical skills necessary for sportscasting. Students will learn how to write and deliver scripts, work on-camera and behind the camera. They will produce, report, and film sports packages, utilizing opportunities for experiential training in covering Franklin College athletics alongside the athletic director/sports information director.

SPR 445 Communication Law in a Digital World		3 credit hours
Fall and Spring	Civic Learning exploratory	

Students will be introduced to First Amendment law as it relates to professional communicators. Topics will include First Amendment theory, libel law, invasion of privacy law, copyright law, news-gathering rights, public relations law and advertising law. Same as MMJ/PRL 445.

SPR 490 Independent Study		1-2 credit hours
Fall and Spring		Prereq: consent of instructor

Course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program.

SPR 498 Senior Portfolio		No credit
Fall and Spring		

Each student must develop a digital portfolio containing a significant and appropriate body of work that, by the time of graduation, demonstrates to a potential employer that the student is ready to make the transition to the professional workplace. Each portfolio also must demonstrate the student's understanding of linkages among leadership, the liberal arts, and the student's intended career. The specific format and content of the portfolio is determined by the faculty. Students must enroll in SPR 498 in fall or spring semester of the senior year. Portfolios will receive either a passing or failing grade by the Pulliam School of Journalism faculty. Deficiencies must be corrected before the portfolio is certified as passing. SPR 498 and 499 should be taken together in the student's final semester.

SPR 499 Senior Project		No credit
Fall and Spring		

Students will demonstrate and showcase the skills they have acquired through their careers at the Pulliam School of Journalism by creating an in-depth package of stories about a significant public issue that is told from multiple media platforms. In addition to the multimedia journalism skills that must be demonstrated to successfully complete this graduation requirement, students will be expected to meet all deadlines, be quickly responsive to communications from staff/faculty project supervisors, and adhere to principles of media law and ethics. SPR 498 and 499 should be taken together in the student's final semester.

SNR/SNT 489 (SPR) Senior Year Internship/Project		4-12 credit hours
Fall, Immersive, Spring, Summer		

A practical professional experience in sports communication. In special circumstances, and with permission of a majority of Pulliam School faculty, a significant experience in mass media, and not specifically in sports communication, may be accepted. Pass/Fail grading.

Theatre

Department: Theatre
Department Chair: R. Roberts
Department Members: R. Roberts, S. Russell, G. Strain

Major: Theatre
Minor: Theatre

Program Information: The fine arts division at Franklin College provides theoretical and practical education in three programs, each of which explores one of society's creative traditions: art, music, and theatre.

The theatre department, through curricular offerings and co-curricular productions, aspires to develop students' appreciation of theatre as an art form by expanding their understanding of the position of theatre in society and to develop their opportunities for participation in theatre, avocationally or vocationally, by increasing their competence in theatrical skills and abilities. The theatre program also administers the college's required course in public speaking, which focuses on the preparation and delivery skills required in public address.

All major and minor courses, related field courses, and prerequisites must be completed with a grade of C- or better.

Theatre Major

Required courses

THE 125 Script Analysis and Theory
THE 135 Stagecraft
THE 170 Theatre History
THE 205 Acting I
THE 220 Directing I
THE 236 Production Design
THE 375 Dramatic Literature I
THE 376 Dramatic Literature II
THE 499 Sr. Competency Practicum

Three of the following courses

THE 235 Scenic Painting
THE 245 Playwriting
THE 305 Acting II
THE 325 Directing II

Professional Development Requirements

PDP 200 Preparing for your Internship
THE 498 Portfolio
SNR/SNT 489 Senior Experience

Related field requirements

One course with ART prefix
One course with MUS prefix (Must be 3-4 credit hours)
Plus SIX additional semester hours **-** *this is waived for students with a minor or a second major*
The remaining credits may be any sequence of related-area courses outside the THE prefix. Courses must be approved by the department and submitted to the Academic Records Office.

Theatre Minor

Required courses

THE 125 Script Analysis and Theory
THE 135 Stagecraft
THE 205 Acting I
THE 220 Directing I

One of the following courses

THE 170 Theatre History
THE 235 Scenic Painting
THE 236 Production Design
THE 245 Playwriting
THE 305 Acting II
THE 325 Directing II

One of the following courses

THE 375 Dramatic Literature I
THE 376 Dramatic Literature II

One of the following courses

One course with ART prefix
One course with MUS prefix (Must be 3-4 credit hours)

Theatre Course Descriptions

THE 001 Theatre Activity		1 credit hours
Fall and Spring		Prerequisite: Permission of instructor

Students who are cast in a theatre department production or accept a crew position may take THE 001. Graded on a pass/fail basis.

THE 110 Theatre Appreciation		3 credit hours
Every Fall and Spring, even years	Creative Arts exploratory	

A study of the development of theatre as an art form within the liberal arts, including its functional theories, principles, methods, and historical context. Emphasis is on the role of the audience and the understanding and appreciation of the nature of theatre to provide students with a background, framework, and vocabulary for seeing and discussing live theatre events. Additional production work required.

THE 125 Script Analysis and Theory		3 credit hours
Fall	Comparative Perspectives & Creative Arts exploratory	

Examines both traditional and nontraditional (Aristotelian and non-Aristotelian) approaches to the analysis of dramatic literature and explores literary and theatrical techniques used by significant playwrights through the ages with a focus on diverse playwrights. In addition, students will gain a critical perspective on the ways society explains the nature of the theatrical experience and the various structural approaches that create and communicate meaning in the theatre.

THE 135 Stagecraft		3 credit hours
Spring		

An introduction to the fundamentals of scenic construction, scene painting, stage properties, lighting and sound technology, and mechanical drafting. Additional production work is required. Additional fees for required materials.

THE 170 Theatre History		3 credit hour
Spring, even academic years	Creative Arts exploratory	

A tracing of the development of the institution and art of the theatre from its ancient origins to the present day, examining drama, acting, design, directing, theatre architecture and critical theory. The theatrical arts will be studied in the context of the cultures which they reflect and interpret.

THE 190 Film Appreciation		3 credit hours
Spring, odd academic years	Creative Arts exploratory	

Film Appreciation will sharpen your ability to evaluate and discus films critically and to recognize cinematic techniques and genres.

THE 205 Acting I		3 credit hours
Fall	Creative Arts exploratory	

A study of the fundamentals of the acting craft, including practical analysis of play, scene, and character; work on stage voice and movement; and practical applications of these areas to the development of characterizations in scene work and monologues.

THE 220 Directing I		3 credit hours
Spring, odd academic years		Prereq: THE 205 or consent of instructor

Principles and theories of play selection, analysis, and conceptualization; auditioning, casting, and rehearsing; stage composition, picturization, and movement; and overall production management.

THE 235 Scenic Painting		3 credit hours
Fall, even academic years		Prereq: THE 135 or consent of instructor

This course will provide basic skills needed for theatrical scene painting. Students will learn how to create paint elevations and then translate an elevation to a full scale stage. Students will understand how to approach a picture, break it into "layers" or steps and then translate that to the stage. Additional production work required. *Fee: $100 nonrefundable for materials.*

THE 236 Production Design		3 credit hous
Fall, odd years		Prereq: THE 135 or consent of the instructor

This is a studio class that will focus on the theories and practices of production design in collaborative situations, and how to communicate effectively with a group and as a group in a theatrical setting.

THE 245 Playwriting		3 credit hours
Spring, even academic years		

A course in the theoretical knowledge and beginning skills in writing a short play for the stage. The first half of the semester deals with the essential nature of drama, and the second half looks at how the various elements of dramatic structure are used to make a play effective theatrically.

THE 300 Topics in Theatre		3 credit hours

A topic of current interest in theatre will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

THE 305 Acting II		3 credit hours
Spring, odd academic years		Prereq: THE 205

Specialized work on voice and movement technique skills, especially as related to works of various styles and periods of theatre and drama. The class will focus on pre-modern styles and modern non-realistic styles.

THE 325 Directing II		3 credit hours
Spring, odd academic years		Prereq: THE 220 or consent of instructor

A further exploration of the skills acquired in Directing I including conceptualization of period and non-realistic plays; continuing development of leadership skills with actors, and collaboration skills used with playwrights, designers, and producers. Additional production work is required.

THE 375 Dramatic Literature I		4 credit hours
Fall, odd academic years		Prereq: ENG 117, LA 201, THE 110, or THE 125 or consent of the instructor

Reading and analysis of selected significant plays from ancient times through the Renaissance. Same as ENG 375.

THE 376 Dramatic Literature II		4 credit hours
Spring, odd academic years	Comparative Perspectives exploratory	Prereq: ENG 118, LA 201, THE 110, or THE 125 or consent of the instructor

Reading and analysis of selected significant plays from around the world from the 17th century to the present. As a comparative perspectives exploratory, this course will focus primarily on plays featuring characters and/or playwrights of diverse backgrounds and identities. Same as ENG 376.

THE 482 Advanced Practicum		1-2 credit hours
		Prereq: consent of instructor

A supervised, pre-approved experience which allows a student to pursue specific practical learning goals and/or be involved in a field experience during the regular academic semester.

THE 490 Individualized Study		1-2 credit hours
		Prereq: departmental and instructor consent

A course designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

THE 498 Senior Portfolio		No credit

Each student must develop a portfolio containing an appropriate body of work that, by the time of graduation, demonstrates the student is ready to make the transition to graduate school or the professional workplace.

THE 499 Senior Competency Practicum		No credit

Students will take a written exam which covers information from core requirements for the major. Students must earn a C- or better.

SNR/SNT 489 (THE) Senior Experience		1 hour credit
Fall and spring		Coreq: THE 499

This senior year experience is fulfilled by completing a significant acting, playwriting, directing, design, or research project. An internship with an arts organization may also be used. The student must complete at least 70 hours of documented time in practical application and/or research and will meet weekly with the practicum advisor. Students must earn at least a grade of *C*.

Women's Studies Program

Department: Sociology/History
Director: M. Clark-Wiltz

Women's Studies Individualized Minor
Students can minor in Women's Studies by proposing a personalized 15-credit hour plan. This plan includes WST 101 (required), Introduction to Women's Studies, and courses and coursework in other disciplines that focus on issues of relevance to women's studies (e.g., Women and Leadership, Women Photojournalists). Upon approval and completion of the proposed individualized plan, the minor appears on the student's transcript.

A journalism major with an interest in women's studies *might* propose the following:

WST 101 Introduction to Women's Studies (4 hours)
WST/SOC 319 Gender and Sexualities (4 hours)
WST/MMJ 490 Independent Study/Advertising to the Woman (1 -2 hours)
PLUS: 5-6 hours in other Journalism courses where work focuses on women/gender

Women's Studies Course Descriptions

WST 101 Introduction to Women's Studies		4 credit hours
Spring, even academic years	Comparative Perspectives exploratory	

An overview of major issues raised by the range of women's situations and experiences in societies. An examination of analytical perspectives that feminists in a variety of disciplines use to explore these issues.

WST 236 Gender and Sexuality in Literature		4 credit hours
Fall, even academic years	Comparative Perspectives exploratory	Prereq or Co-req: LA 101

Reading and analysis of selected works through the lens of gender and sexuality. Same as ENG 236.

WST 300 Topics in Women's Studies		3 credit hours

A topic of current interest in women's studies will be taught. Topics will vary according to faculty interest. Course will be offered upon request of a faculty member and with approval of the Vice President of Academic Affairs and the director of women's studies.

WST/SOC 319 Gender and Sexualities		4 credit hours
Fall, even academic years		Prereq: SOC 118

This course provides an overview of theoretical and empirical work in the sociology of sex, gender, and sexuality. The course will also address various facets of the subject including ways that social, cultural, and legal status influence individual experiences and outcomes. Attention is paid to the social construction/control of gender, transgender, and multiple sexualities. Same as SOC 319.

WST/HIS 332 History of Women in the United States		4 credit hours
Spring, odd years	Comparative Perspectives exploratory	Prereq: HIS 120 or HIS 121 or WST 101 or consent of instructor

This course will examine women's experiences in the United States from the colonial era through recent decades. Same as HIS 332.

Franklin College Graduate Policies & Programs

The policies and procedures listed in this section of the catalog are specific to graduate students. For a complete list of policies and procedures, please refer to the Academic Policies and Procedures section of this catalog. If a policy or procedure is not specifically listed in the graduate section of the catalog, then the policies and procedures stated in the Academic Policies and Procedures section of this catalog apply to graduate students.

Admissions Policy

Application for admission is program specific. Please see details for the program in which you are applying. Further, graduate students should refer to program specific student handbooks for more detailed information and program policies.

Tuition and Fees

Tuition is specific to each graduate program; however, both graduate programs are billed by semester based on credit hours.

Master of Science in Athletic Training tuition policy

- Once admitted a $250 deposit is due upon acceptance to ensure your place in the MSAT is reserved.
    - 3+2 early admit students are not required to pay the $250 deposit.
- Once admitted into and enrolling in the MSAT Program, regardless of whether you are completing the 3+2 or two-year professional program, ALL students are required to pay the credit hour tuition rate for graduate studies throughout the duration of the MSAT curriculum.
    - Tuition rates for the 2026-27 academic year are $675 per credit hour.
    - Total tuition for the July 2026 cohort is $44,887.50
    - Tuition may be adjusted annually, but will remain constant for each cohort
    - Tuition billing and due dates for 2026-27 are as follows:

First year

Term	Credit Hours	Tuition for Term	Bill Date	Due Date
Deposit		$250	Upon acceptance	-
Summer	8.5	$5,737.50*	May 15th	June 15th
Fall	15.5	$10,462.50	July 15th	August 15th
Winter	2	$1,350	December 15th	January 15th
Spring	14.5	$9,787.50	December 15th	January 15th

*Summer term tuition will be reduced by deposit amount once paid.

Second Year

Term	Credit Hours	Tuition for Term	Bill Date	Due Date
Summer	1.5	$1,012.50	May 15th	August 15th
Fall	13.5	$9,112.50	July 15th	August 15th
Winter	1	$675	December 15th	January 15th
Spring	10	$6,750	December 15th	January 15th

Master of Science in Physician Assistant Studies tuition policy

- Once admitted a $1000 non-refundable deposit is due within one-two weeks (or less) of receiving notice of acceptance to ensure your place in the MSPAS is reserved.
- Tuition for the MSPAS program is billed by semester based on credit hours.
    - Total tuition for the January 2027 cohort is $98,400
    - Tuition may be adjusted annually but will remain constant for each cohort.
    - Estimated total program cost (including tuition and fees): $101,250

Tuition and billing and due dates for the January 2027 cohort are as follows:

First year

Term	Credit Hours	Tuition for Term	Bill Date	Due Date
Deposit		$1,000	Upon acceptance	
Immersive (January)	8	$7,092	December 15th	January 15th
Spring	18	$15,957	December 15th	January 15th
Summer	17	$15,070	May 15th	June 15th
Fall	23	$20,390	July 15th	August 15th

*Immersive term tuition will be reduced by deposit amount once paid.

Second year and Capstone

Immersive (January)	4	$3,546	December 15th	January 15th
Spring	13	$11,524	December 15th	January 15th
Summer	9	$7,978	May 15th	June 15th
Fall	13	$11,524	July 15th	August 15th
Capstone (January)	6	$5,319	December 15th	January 15th

Graduate Student Fees-The following fees are non-refundable

- Graduate students are required to pay the *annual* Franklin College student activity fee of $200 billed each spring semester.
- Graduate students are required to pay the *annual* Franklin College student services fee of $850, half of which is billed each fall and spring semesters (billed $425 each fall and spring semester).
- MSPAS students are required to pay a *one-time* virtual patient platform fee of $750 billed in the first spring semester.

Tuition Refund Policy

All tuition refunds are based on the date of official withdrawal or drop as recognized by the Dean of the College, the Dean of Students, and the records office.

In full semesters (Spring, Summer, Fall for MSPAS and Spring and Fall for MSAT), tuition refund schedule will be as follows:

Prior to the first day of class	100%
During the first week of class	90%
During the second week of class	70%
During the third week of class	50%
After the third week of class	0%

In short semesters (Winter terms for MSPAS and Winter and Summer terms for MSAT), tuition refund schedule will be as follows:

Prior to the first day of class	100%
During the first week of class	75%
During the second week of class	50%
After the second week of class	0%

Financial Aid

- To determine your eligibility for financial aid the Free Application for Federal Student Aid (FAFSA) is required. The FAFSA can be filed at fafsa.gov and is available October 1st each year. MSPAS students must file or update the 2026-2027 FAFSA and submit by December 1st. MSAT students must file by June 1.
- Beginning March for MSAT and mid-October for MSPAS, financial aid awards will be available for enrolled students via the online financial aid system.
- Financial Aid questions can be directed to the financial aid office at finaid@franklincollege.edu or 317-738-8075.
- Graduate programs offering 3+1, 3+2, and 4+1 formats are generally designed for students to complete both undergraduate and graduate coursework in an accelerated timeframe. Undergraduate financial aid does not carry over into graduate-level study. Undergraduate financial aid may include academic, merit, or other grants and scholarships upon admission to an undergraduate program. Once a student begins taking courses as part of a graduate program, that student is considered a graduate student for financial aid purposes, and all undergraduate scholarships discontinue. This applies equally to students entering the first year of graduate programs like the MSAT program, whose aid and billing structure transition to graduate status at that time.

Please note that students enrolled in the MSPAS are NOT eligible for Franklin College scholarships/grants as these awards are restricted to undergraduate enrollment. A limited amount of scholarship funds are available specifically to MSAT applicants on a first-come, first-served basis. The MSAT program director will review each application to determine scholarship eligibility. Eligibility is based on undergraduate academic success and extracurricular experiences that support the candidate in applying to the program. Applicants will be notified of scholarship offerings upon receiving an offer letter.

Master's orientation

All graduate students will be required to attend a master's program orientation. A detailed description of orientation events will be sent to students in advance of starting coursework.

Course hour definition

For financial aid purposes, the definition of graduate full-time enrollment is 8 credit hours per semester. Graduate students must be enrolled at least half-time per semester to qualify for federal student loans.

Course numbering

500-level courses are intended for first year students in graduate programs and for MSAT students completing their undergraduate degree in conjunction with a graduate degree. MSAT students may count up to 12 credit hours of 500-level courses towards completing the requirements of their undergraduate degree if they are completing both degrees in a 3+2 program at Franklin College. 600-level courses are mostly intended for second year graduate level students.

Graduation Requirements

To successfully graduate from the MSAT or MSPAS Program, students must:

1. Complete the entire program within three and one-half (3.5) academic years; and
2. Successfully complete and pass all required courses, rotations, and program requirements with a grade of C or better and have a minimum cumulative GPA of 3.00.
3. Maintain professionalism.

Degree application

An application for degree and appropriate degree templates must be filed with the Academic Records Office before the student is considered for graduation. The application should be completed and filed by October 1st prior to the next calendar year graduation date.

Grading

The Graduate Programs require a minimum 3.0 cumulative grade point average ("GPA"). While 70% is considered passing, the expected level of performance in graduate programs is a "B" average or above. The grading system for the MSAT and MSPAS programs is defined below.

Grade Range	Letter Grade	Quality Points
93–100	A	4.00
90–92.99	A-	3.67
87–89.99	B+	3.33
83–86.99	B	3.00
80–82.99	B-	2.67
77–79.99	C+	2.33
70–76.99	C	2.00
Below 70	F	0.00
Incomplete	I	
No Grade	NG	-
Audit	AU	-
Satisfactory	S	-
Unsatisfactory	U	-
Withdrawal	W	-
Withdrawal/Fail	WF	0.00
Withdrawal/Pass	WP	-
Transfer Credit	TR	-

Master of Science in Athletic Training

Program Director: S. Hacherl
MSAT Faculty: C. Shaff, K. Eiler,, S. Hacherl, K. Remsburg

The Master of Science in Athletic Training (MSAT) program is a professional program designed for students who do not hold a bachelor's degree in athletic training but who want to pursue athletic training credentials by the Board of Certification (BOC) and pursue a career as an athletic trainer. Franklin College athletic training is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). A degree from a CAATE accredited program is necessary for students to be eligible for the BOC exam.

Program Options
Two options are available for the MSAT:

1. 3+2 program for entering first-year students or potential undergraduate transfer students
2. Two-year professional program for students who already hold a bachelor's degree

Regardless of the program option, coursework specific to the MSAT is completed over one summer session (classes begin in July) followed by coursework over fall, winter, and spring semesters for two years.

3+2 Program
The 3+2 (five years total) program is intended for entering first-year students, transfer students or students who change majors early in their undergraduate education. During the first three years, each student will complete the MSAT program prerequisites and bachelor's degree requirements for the major of their choice (exercise science is recommended). Upon acceptance into the graduate program, students will begin coursework for the MSAT during summer session prior to their fourth year. At the end of the student's fourth year, he or she will receive a bachelor's degree. At the end of successful completion of the fifth year, each student will earn a Master of Science in Athletic Training degree.

Two-Year Professional Program
The two-year program is intended for students who have already earned a bachelor's degree and have completed required prerequisite courses for the MSAT program. This program is appropriate for college graduates who may want to change careers; those students who decided athletic training as a career option late in their undergraduate studies; or those who did not have time during their undergraduate years to major in athletic training.

MSAT Admission Requirements

Applications for the MSAT will be submitted through the Athletic Training Centralized Application System (ATCAS), or via email to the program director if ATCAS is closed, and are due no later than November 1 for consideration of early admission into the MSAT program. Should we not reach a full cohort of students from early admissions, we will continue to accept and review applications on a rolling basis. Admission to the MSAT at Franklin College is competitive. The following is a list of minimum requirements for application. Meeting these minimum requirements does not ensure admission into the program.

- Completed ATCAS application
- Evidence of prerequisite content knowledge in the following:
    - Anatomy
    - Biology
    - Chemistry
    - Nutrition
    - Physics
    - Physiology

  - Psychology
  - Statistics or Research Methods
  - Exercise Physiology

***Must earn a "C" or higher (note: C- is not accepted); Coursework preferred within the past 7 years.**

- Completion of a minimum of 20 hours of observation under the direct supervision of a certified athletic trainer (or other healthcare provider with approval by the program director); Submit to "Observation Hours" directly on ATCAS
- Verification of a health assessment, physical examination, and immunization record with HBV and TB information will be completed prior to the start of summer term coursework
  - Students can be in progress with immunizations but must have all required immunizations completed prior to the start of clinical rotations
- Verification that the MSAT program's Technical Standards for Admission can be met
- Personal Statement
- Current Resume
- Completion of program specific questions
- Two letters of recommendation/evaluations. One from a faculty member or advisor (or someone who can speak on behalf of your academic background) and one from a certified athletic trainer, physician, or other health care provider
- Complete an interview with the MSAT program application committee

Franklin College 3+2 students have an option to apply for early admittance into the MSAT program. Early admit status provides an undergraduate student admission into the MSAT program and allows the student to bypass the external application process and associated fees. A student can apply for early admit status as a freshman, sophomore, or junior, but may only do so if declared as an exercise science or psychology major.

Students are eligible to apply for early admittance after the completion of the following:

Early Admittance for MSAT application requirements

- Complete and submit the MSAT Program application form
- Earn a "C" or higher in ANAT 210 (course can be in progress but must be completed by the end of the semester of which the student is applying)
- Achieve a minimum cumulative GPA of 3.0
- Obtain a minimum of 20 hours of observation with a certified athletic trainer - submitted on the hour verification form
- Submit a personal statement (describe observation hour experiences and interest in the AT profession)
- Submit two letters of recommendation: One from a faculty member or advisor and one from either a certified athletic trainer, physician, or other healthcare provider – submitted on the evaluation form
- For freshman and sophomore applicants:
  - Application due date: Applicants can apply at the end of each fall or spring semester
  - All application materials should be submitted to Jared Hancock at JHancock@franklincollege.edu
  - The MSAT program director will review application materials, confirm course grades and cumulative GPA after final grades are posted, and confirm acceptance into approved 3+2 pathway
  - Applicants will receive a decision letter from the MSAT program director within one month of the application submission

- For junior applicants only:
  - Applications are due by 11:59PM the Friday before spring break!!
    - **Juniors who miss the early admit application cutoff date will have to apply through the external application process, see information below**

- The MSAT program director will review applications within two weeks after spring break and provide a preliminary decision letter to the applicant
- Should the applicant meet all application requirements at the time of preliminary review, the applicant will receive conditional early admit status
- All final decisions will be determined once final grades posted at the end of the semester
- The MSAT program director will confirm acceptance and retention status in approved 3+2 pathway
- Applicants will receive a final decision letter from the MSAT program director by the end of May

Retention Requirements for Early Admittance to the MSAT

Students who earn early admittance will be reviewed at the end of each semester to ensure they continue to meet the following benchmarks:

- Maintain minimum program requirements in undergraduate major/program
- Earn a "C" or higher in all MSAT pre-requisite courses completed at the time of review
- Minimum overall GPA of 3.0

Students with early admit status must also meet the following requirements to matriculate into the MSAT Program:

- Complete all MSAT prerequisite courses with a C or higher (NOTE: a "C-" does not meet the requirement), including Anatomy, Physiology, Psychology, Biology or Biomechanics, Nutrition, Physics, Statistics, Chemistry, Exercise Physiology

Early admittance may be revoked from students who do not continually meet the required benchmarks each semester. If a student does not meet the MSAT program retention requirements, the student will be placed on probation. If probation is due to not meeting the GPA minimum requirement, the student will have one semester to improve their cumulative GPA to the minimum program requirement. Upon completion of the subsequent semester, the student must submit a letter to the MSAT program director requesting review for reinstatement for early admittance to the MSAT program. If the student's cumulative GPA does not improve by the end of the subsequent semester, early admittance will be revoked.

If probation is due to receiving a grade lower than "C" in an MSAT prerequisite course, the student will remain on probation until completion of the course with a satisfactory grade of a "C" or better, meeting minimum program standards. Departmental consent (MSAT program director) is required if the student is retaking the course from an institution other than Franklin College. If the student is retaking a course that is required as undergraduate course for a major approved for a 3+2 pathway, departmental consent is required from the respective program. If a student is placed on probation for a grade lower than a "C" in one of the undergraduate core sequenced courses, or any of the MSAT prerequisite courses, the ability to progress through the curriculum on time may be impacted. If the student does not improve the grade after the 2nd attempt, early admittance will be revoked.

External Application Process:

If a student fails to meet the early admit requirements or their early admit status was revoked, the student can still apply to the MSAT program through the external application process via ATCAS (Athletic Training Centralized Application System) which includes a $99 application fee. Additional external admission application requirements and the link to ATCAS can be found on our website https://atcas.cas.myliaison.com/applicant-ux/#/login.

Students may be eligible to complete a 3+2 pathway to the MSAT program without early admit status. In some instances, a 4+2 pathway might be a better option. For more information on which pathway is best for you, contact the MSAT program director, Samantha Hacherl, at SHacherl@franklincollege.edu.

The MSAT program is a rigorous and intense program that places specific physical and intellectual demands on students. Because of this, students must submit completed medical and program forms. These forms ensure students meet the stated technical standards, such as the physical and mental demands of the MSAT program, with or without accommodations. Additionally, the technical standards ensure compliance with accreditation standards. The complete

technical standard document is available on the Franklin College MSAT webpage and with program application materials. Students who have questions about this document should inquire with the Director of the Academic Resource Center. These technical standards meet the requirements set forth by the American Disabilities Act (ADA) of 1990. Further, upon acceptance students will receive a program-specific health questionnaire, physical, and immunization record form, including flu shot, HBV and TB information. This form must be completed, signed by a health care provider, and submitted to the program director prior to beginning coursework in July.

Direct Admittance for MSAT

The MSAT program has two direct admittance options:

- High School Direct Admit Pathway
- Direct Admittance via affiliation agreement with partnering institutions

The **High School Direct Admit Pathway** is a perfect match for high school seniors who know they want to go to college to be an athletic trainer. This pathway offers a high school senior who meets set incoming and retention criteria direct admittance to our MSAT program. Candidates can choose from an accelerated 3+2 track or a traditional 4+2 track in either exercise science or psychology.

High School Requirements:

- 3.5 on a 4.0 scale cumulative high school GPA
- Proficient in math/science classes (B- or better)
- Optional SAT/ATC scores
- Apply to Franklin College by March 1st of your senior year
    - Must select pre-AT track on Franklin College application

Once enrolled at Franklin College as a **High School Direct Admit**, the student must maintain the following undergraduate performance retention requirements:

- Maintain a 3.3 or higher cumulative GPA in undergraduate courses at Franklin College
- Must earn a C or better in all MSAT pre-requisite courses (see below)
- Must successfully matriculate through an undergraduate pathway (exercise science or psychology) and complete all MSAT pre-requisites with a C or better
    - Students who choose a 3+2 track will finish their bachelors degree after year 1 in the masters program
    - MSAT pre-requisite courses:
        - Anatomy w/ lab
        - Biology
        - Chemistry
        - Exercise physiology
        - Nutrition
        - Physics
        - Physiology
        - Psychology
        - Statistics or Research Methods
- Direct admittance may be revoked from students who do not continually meet the required benchmarks each semester. If a student does not meet the MSAT program retention requirements, the student will be placed on probation. If probation is due to not meeting the GPA minimum requirement, the student will have one semester to improve their cumulative GPA to the minimum program requirement. Upon completion of the subsequent semester, the student must submit a letter to the MSAT program director requesting review for reinstatement for direct admittance to the MSAT program. If the student's cumulative GPA does not improve by the end of the subsequent semester, direct admittance will be revoked.

- If probation is due to receiving a grade lower than "C" in an MSAT prerequisite course, the student will remain on probation until completion of the course with a satisfactory grade of a "C" or better, meeting minimum program standards. Departmental consent (MSAT program director) is required if the student is retaking the course from an institution other than Franklin College. If the student is retaking a course that is required as undergraduate course for a major approved for a 3+2 pathway, departmental consent is required from the respective program. If a student is placed on probation for a grade lower than a "C" in one of the undergraduate core sequenced courses, or any of the MSAT prerequisite courses, the ability to progress through the curriculum on time may be impacted. If the student does not improve the grade after the 2nd attempt, direct admittance will be revoked.

- When direct admittance has been revoked, the student can apply for early admittance or apply through the external application process

Franklin College has established **articulation agreements** with partner institutions to support preferred and direct admission pathways into the Master of Science in Athletic Training (MSAT) program. Through these agreements, Franklin College will guarantee interviews for all qualified students from partner institutions who apply through the preferred admission pathway and may offer direct admission to a limited number of students per academic year through the direct admission pathway. Students must meet all MSAT program requirements and complete an application to be considered for admission through either pathway. For more information, contact the MSAT program director.

Transfer Policy

Transfer students with prior graduate-level athletic training education are evaluated on an individual basis. In direct consultation, the student and the MSAT Program Director develop a plan of study that builds on previous learning, addresses necessary content and skill requirements, and ensures the student's complete incorporation into the Franklin College MSAT. Transfer students are required to provide the MSAT program director with course descriptions and appropriately dated syllabi for all graduate-level athletic training specific courses prior to approval for transfer credit. Transfer students are held to all application requirements and must complete the application process through ATCAS. As per Commission on Accreditation of Athletic Training (CAATE) requirements, students must be enrolled in a CAATE accredited professional-level master's program for a minimum of two calendar years prior to graduation in order to meet graduation requirements. The MSAT Program reserves the right to request prospective transfer students participate in "placement testing" to determine their knowledge and skill in various athletic training domains of practice. Additionally, once admitted should deficiencies in skills or knowledge be determined by program faculty, transfer students may be required to audit courses where transfer credit was received, as part of a remediation plan.

Requirements for Progression and Academic Standing

Each student within the MSAT Program must maintain a minimum 3.0 (4.0 scale) cumulative grade point average (GPA) to maintain good standing in the program. *While 70% is considered passing, the expected level of performance in the program is a "B" average or above.* Student progress in the program will be discussed continually by the program faculty at regularly scheduled faculty meetings and at the conclusion of each semester.

A grade of 70% or higher is required for all courses in the MSAT program.

As clinical coursework is included in the MSAT academic program, all academic requirements apply to clinical coursework. MSAT students meet regularly with preceptors during each clinical experience rotation to discuss their personal and professional evaluation. The evaluation encompasses skills, techniques, proficiencies and behaviors appropriate to athletic training. The purpose of the evaluation is for the student to receive feedback from their preceptor and the preceptor to receive feedback from the student. Preceptors may request more frequent evaluations if they feel students are not performing adequately in the clinical portion of the program. If additional meetings are required, the student and preceptors will discuss the concerns and come to a mutual agreement on a plan for improvement.

The Franklin College MSAT program consists of several clinical experience rotation requirements. Some clinical experience rotations are completed at off-campus clinical settings in Franklin, Whiteland, Greenwood, Columbus, and Indianapolis. In order to fulfill the requirements of these rotations students must have access to transportation.

Further, due to the nature of athletic training being a health care profession, students must submit completed medical forms and documentation of up-to-date vaccinations as part of the application process.

Academic Probation/Dismissal

If a student's cumulative GPA falls below the 3.0 (4.0 scale) minimum, the student will be placed on academic probation. Students will have one semester to improve their cumulative GPA to acceptable standards (minimum 3.0) to avoid being dismissed from the MSAT Program following an evaluation of student progress by the Program Director and the faculty. If a student's cumulative GPA is such that it is mathematically impossible to raise to a 3.0 after one semester, the student will automatically be dismissed from the MSAT program.

If a student demonstrates persistent inappropriate behavior during a clinical experience, or his/her clinical evaluation average falls below a 70%, the MSAT program director reserves the right to place a student on probation from clinical experience rotations until the student can show progress towards improving skills, techniques, proficiencies and/or behavior. Consequences of this probation (including but not limited to enrollment in subsequent Clinical Education in Athletic Training courses) will be determined in each situation depending on the probation reasoning.

If a student is placed on probation a second time, either for unsatisfactory GPA, failure of a course, or demonstrating inappropriate behavior during clinical experience, the student will be automatically dismissed from the MSAT Program and graduate studies.

Dismissed students may no longer matriculate into the MSAT program at the college. An academic dismissal may be appealed based upon procedures detailed in the "Student Grievance" section and in the Academic Catalog.

Academic Suspension and Reinstatement

If a student receives below a 70% in any course within the MSAT program, the student will be academically suspended from the program for the remainder of the academic year and also placed on academic probation. If a student is academically suspended for the academic year due to receiving less than a 70% in any course within the MSAT program, the student is not permitted to continue in the MSAT program and the student must repeat the course the next time the course is offered in the academic program. Courses within the MSAT program are sequential and are prerequisites for subsequent semester courses. The MSAT courses are only offered once a year so any course that must be repeated will result in deceleration of the student from the current cohort and will result in a delay in graduation. The MSAT program faculty and staff make every effort to provide support and access to appropriate assistance to help all students restore good academic standing.

The student will be removed from academic suspension and academic probation and reinstated into the MSAT program after the student has successfully repeated the course with a 70% or higher. The MSAT student will be allowed a maximum of two (2) total opportunities to successfully pass a course. An MSAT student will be permitted to repeat a failed course only as part of a detailed remediation plan. Failure to pass a course on the second opportunity will result in academic dismissal from the program.

If a student is placed on probation a second time after failing a course, either for unsatisfactory GPA, failure of a second course, or demonstrating inappropriate behavior during clinical experience, the student will be automatically dismissed from the MSAT Program and graduate studies.

Athletic Training Program Expenses

Students enrolled in the MSAT will incur required expenses throughout the duration of the program. Below is a list of expenses required above and beyond college tuition and fees, and individual course fees.

Type of Expense	Expected Time of Expense	Appropriate Fee
ATCAS application fee	At time of application	$99 Subject to change annually
Deposit (credited towards tuition) *3+2 early admit students are not required to deposit	Within two weeks of offer	$250
Physical exam and immunizations	Prior to first summer session	Varies
NATA student membership	Recommended Fall semester first year in MSAT; Required Fall semester second year in MSAT	$75 *Subject to change annually
Professional attire	Throughout the duration of the program	Varies
TB skin test and influenza vaccine	Fall semester each year	Varies
Transportation to off-campus clinical sites	Throughout the duration of the program	Varies
Background check	As required by specific clinical sites	$7 - $25
CPR recertification	All students complete CPR certification in the first summer semester (billed as a course fee). CPR renewal is offered in the final semester prior to graduation. This is not billed as a course fee, and is optional, but strongly recommended	$45 for each recertification
BOC application & exam fees	Final semester of studies	$450-$475

Master of Science in Athletic Training

Core Requirements

MSAT 525 Clinical Anatomy Lab
MSAT 527 Prevention of Injuries and Medical Conditions
MSAT 528 Introduction to Clinical Examination
MSAT 529 Acute Care of Injuries & Illness
MSAT 530 Clinical Exam and Diagnosis: Lower Extremity
MSAT 531 Clinical Exam and Diagnosis: Upper Extremity
MSAT 532 Clinical Exam and Diagnosis: Head, Trunk, and Spine
MSAT 534 Concepts in Therapeutic Interventions I
MSAT 536 Concepts in Therapeutic Interventions II
MSAT 625 Healthcare Administration
MSAT 631 Clinical Pathology and Medical Interventions
MSAT 635 Psychosocial Strategies and Referral
MSAT 637 Professional Preparation in Athletic Training
MSAT 638 Advanced Concepts in Athletic Training

Research Requirements

MSAT 543 Research Methods and Evidence-Based Practice
MSAT 643 Research Seminar

Clinical Requirements

MSAT 550 Clinical Education in Athletic Training I
MSAT 551 Clinical Education in Athletic Training II
MSAT 553 Clinical Education in Athletic Training IV
MSAT 600 Clinical Education in Athletic Training-Summer
MSAT 650 Clinical Education in Athletic Training V
MSAT 651 Clinical Education in Athletic Training VI
MSAT 660 Clinical Education in Emerging Settings

Elective Coursework

MSAT 610 Internship in Athletic Training I
MSAT 620 Internship in Athletic Training II

Master of Science in Athletic Training Course Descriptions

MSAT 525 Clinical Anatomy Lab		3 credit hours
Summer		Prerequisite: Admittance to the MSAT

This course will provide information related to the kinematics and kinetics of human locomotion through the study of functional, orthopedic anatomy. The goal of the course is for each student to be able to identify musculoskeletal, articular, nervous, and vascular systems of the human body and to understand the functional contribution of such structures to pathologies related to physical activity.

MSAT 527 Prevention of Injuries and Medical Conditions		3 credit hours
Summer		Prerequisite: Admittance to the MSAT

Students will develop strategies and programs to prevent the incidence and/or severity of injuries and illnesses while optimizing patient overall health. Emphasis is placed on the prevention of injuries to physically active individuals in the areas of conditioning, pre-participation screening, nutritional concepts, and environmental risk factors. The appropriate use of and fit for protective equipment, and proper application of wrapping, taping, braces and orthotic devices will be practiced. Laboratory experiences are used to supplement classroom instruction.

MSAT 528 Introduction to Clinical Examination		1 credit hour
Summer		Prerequisite: Admittance to the MSAT

This course will provide students with introductory knowledge and skills of general evaluation procedures and techniques to perform a clinical examination. Students will learn how to identify goals and explain features in subjective and objective assessments.

MSAT 529 Acute Care of Injuries and Illness		4 credit hours
Fall		Prerequisite: Admittance to the MSAT

Development of knowledge and skills in the evaluation and immediate management of acute injuries and illnesses. Focus is on planning for, examining, and managing immediate, emergent and acute situations particularly for physically active individuals. Immobilization, splinting, transporting, wrapping and taping techniques for managing acute injuries will be practiced. Additionally students will demonstrate emergency care skill consistent with National Athletic Trainers' Association position statements. Laboratory experiences are used to supplement classroom instruction.

MSAT 530 Clinical Examination and Diagnosis: Lower Extremity		4 credit hours
Fall		Prerequisite: MSAT 525 & MSAT 527

Instruction on assessment procedures and evaluation techniques for lower extremity injuries. It includes an in-depth inquiry into the anatomical and physiological effects associated with the occurrence of injuries to physically active individuals and the process and components of an injury evaluation. Students learn to perform and interpret the results of structural and functional tests in order to accurately diagnose injury and determine appropriate differential diagnoses. Students will develop clinical decision making skills through the integration of evidence-based medicine. Clinical outcomes assessment including patient self-report measures will be an integral part of this course.

MSAT 531 Clinical Examination and Diagnosis: Upper Extremity		4 credit hours
Spring		Prerequisite: MSAT 525 & MSAT 527

Assessment procedures and evaluation techniques for upper extremity injuries. It includes an in depth inquiry into the anatomical and physiological effects associated with the occurrence of injuries to physically active individuals, and the process and components of an injury evaluation. Students learn to perform and interpret the results of structural and functional tests in order to accurately diagnose injury and determine appropriate differential diagnoses. Students will develop clinical decision making skills through the integration of evidence-based medicine. Clinical outcomes assessment including patient self-report measures will be an integral component of this course.

MSAT 532 Clinical Exam & Diagnosis: Head, Trunk, & Spine		2 credit hours
Winter		Prerequisite: MSAT 530

Assessment procedures and evaluation techniques for head, trunk and spine injuries. This course includes an in-depth inquiry into the anatomical and physiological effects associated with the occurrence of injuries to physically active individuals and the process and components of an injury evaluation. Students learn to perform and interpret the results of structural and functional tests in order to accurately diagnose injury and determine appropriate differential diagnosis. Students will develop clinical decision making skills through the integration of evidence-based medicine. Clinical outcomes assessment including patient self-report measures will be an integral component of this course.

MSAT 534 Concepts in Therapeutic Interventions I		4 credit hours
Fall		Prerequisite: MSAT 525 & MSAT 527

This integrated course focuses on theory, principles, physiological effects, and application of various therapeutic interventions designed to maximize patient's participation and health-related quality of life. The indications, contraindications, and operational protocols for common therapeutic interventions and pharmacological agents to manage pain, control inflammation, and restore function will be studied. Emphasis will be placed on the use of evidence-based practice to develop therapeutic goals and establish appropriate use of progression, treatment effectiveness, and assessment of patient satisfaction. Laboratory experiences will be used to supplement classroom instructions. $99 course fee, nonrefundable, to cover advanced certification on *Instrument Assisted Soft Tissue Mobilization*.

MSAT 536 Concepts in Therapeutic Interventions II		4 credit hours
Spring		Prerequisite: MSAT 534

Content will build upon concepts of therapeutic interventions established in MSAT 534. Students will develop an integrated approach to the treatment of injuries. Focus will be on the indications, contraindications, and operational protocols for therapeutic interventions relative to progressing through healing and restoring normal function and a highly competitive state for physically active individuals. Treatment effectiveness, patient satisfaction, and critical assessment of evidence in relation to patient care will be emphasized. Laboratory experiences will be used to supplement classroom instructions.

MSAT 543 Research Methods and Evidence-Based Practice		3 credit hours
Spring		Prerequisite: MSAT 527

Students will acquire the fundamentals of evidence-based medicine with specific focus toward understanding various levels of research and will become selective consumers of published research. Students will learn about various elements associated with the design and process of both qualitative and quantitative research and gain a working knowledge of the research process and interpretation of findings, including statistical procedures commonly used in descriptive and experimental research in athletic training. Students will develop and conduct a research project by identifying a problem or researchable question, reviewing the literature, and designing an appropriate method to collect, interpret and analyze data to solve a research question or problem.

MSAT 550 Clinical Education in Athletic Training I		1.5 credit hours
Summer		Prerequisite: Admittance to the MSAT

A clinical course in which students complete supervised experiences in a variety of health care settings under the guidance of preceptors. Clinical experience hours will be augmented with a seminar on basic practices necessary to a successful athletic trainer. Students are responsible for costs associated with travel to and from their clinical experiences. $50 course fee for CPR for the Professional Rescuer certification.

MSAT 551 Clinical Education in Athletic Training II		3.5 credit hours
Fall		Prerequisite: MSAT 550

A clinical course in which students rotate through supervised experiences in a variety of athletic training and health care settings under the guidance of preceptors. Students begin the process of integrating knowledge, skills, and clinical decision-making into actual client/patient care while utilizing evidence-based medicine to solve clinical problems. A demonstration of proficiency in skills up to and including prevention and care of athletic injuries is required. Clinical experience hours will be augmented with a seminar on basic practices necessary to become a successful athletic trainer. Students are responsible for costs associated with travel to and from their clinical experiences.

MSAT 553 Clinical Education in Athletic Training IV		3.5 credit hours
Spring		Prerequisite: MSAT 550

A clinical course designed to provide experience under the direct supervision of a preceptor. A demonstration of proficiency in skills up to and including prevention and care of athletic injuries and clinical exam and diagnosis of injuries is required. The incorporation of evidence-based practice principles will be emphasized. Further foundational behaviors in the context of real patient care will be assessed. Clinical experience hours will be augmented with a seminar on methods to enhance clinical skills. Students are responsible for costs associated with travel to and from their clinical experiences. Course fee of $150, nonrefundable.

MSAT 600 Clinical Education in Athletic Training-Summer		1.5 credit hours
Summer		Prerequisite: MSAT 553

A clinical course designed to provide a pre-season, practice-intensive experience under the direct supervision of a preceptor. Students must participate in the day-to-day and week-to-week role of an athletic trainer.

MSAT 610 Internship in Athletic Training I		0 credit hours
Summer		Prerequisite: MSAT 551 or MSAT 553

An elective clinical course which provides students an opportunity to gain experience under the direct supervision of a preceptor at a pre-approved off-campus site. This will be an individualized experience, allowing a student to pursue learning goals specific to the experience.

MSAT 620 Internship in Athletic Training II		0 credit hours
Winter		Prerequisite: Program Director Approval

A clinical course that provides students an opportunity to gain experience under the direct supervision of a preceptor at a pre-approved clinical site. This will be an individualized experience, allowing a student to pursue specific learning goals.

MSAT 625 Healthcare Administration		2 credit hours
Fall		Prerequisite: Second Year Status in MSAT

Exploration of organizational and administrative aspects of athletic health care management for various employment settings. Emphasis is placed on students developing an understanding of human resources, risk management, healthcare delivery mechanisms, insurance, reimbursement, documentation, patient privacy, and facility management.

MSAT 631 Clinical Pathology and Medical Interventions		4 credit hours
Fall		Prerequisite: MSAT 530 & MSAT 531

An advanced course for athletic training students to build a foundational understanding of disease, disorders, illness and other general medical conditions affecting the health of physically active people across the lifespan. Students learn to recognize signs, symptoms and predisposing factors of pathology along with appropriate interventions for treating medical conditions. Additionally students gain skill in analysis of evidence in relation to patient care while performing standard techniques and procedures for clinical examination and establishing appropriate referral. Laboratory experiences will be used to supplement classroom instructions.

MSAT 635 Psychosocial Strategies and Referral		3 credit hours
Spring		Prerequisite: MSAT 536

Preparation in the ability to recognize patients who are exhibiting unhealthy social, emotional, and/or mental behaviors of the physically active population will occur. Students will develop an advanced approach, including in-depth application of psychosocial interventions, to working with injured or impaired active individuals. Emphasis is placed on recognition, intervention, and appropriate referral through formal training and certification in QPR Gatekeeper Training and Mental Health First Aid.

MSAT 637 Professional Preparation in Athletic Training		2 credit hours
Fall		Prerequisite: Second year status in MSAT

A focus on advanced concepts in professional development. Students complete a self-assessment and construct a plan for continued professional development. Preparation for the Board of Certification exam is emphasized. Strategies related to enhancing leadership skills and the promotion of athletic training will be explored.

MSAT 638 Advanced Concepts in Athletic Training		2 credit hours
Spring		Prerequisite: MSAT 536

An advanced course that allows for examination of in-depth functional movement patterns and advanced athletic training concepts and techniques. Practical application of current concepts and evidence-based medicine are emphasized through engagement and interaction with experts in the healthcare field.

MSAT 643 Research Seminar		1 credit hour
Fall		Prerequisite: MSAT 543

Students will complete a written manuscript and poster in preparation for presentation. Oral presentations may occur both on and off campus to peers and professionals. Emphasis is placed on written and oral communication skills.

MSAT 650 Clinical Education in Athletic Training V		4.5 credit hours
Fall		Prerequisite: MSAT 550

Advanced clinical experience where students are responsible for assisting in the healthcare of patients during practices, games, treatments, and rehabilitation under the direct supervision of a preceptor. Demonstration of proficiency in skills up to and including clinical exam and diagnosis of injuries and basic therapeutic interventions is required. The incorporation of evidence-based practice principles including critical assessment of patient self-report measures will be emphasized. Further, foundational behaviors in the context of real patient care will be assessed. Clinical experience hours will be augmented with a seminar on methods to enhance clinical skills. Students are responsible for costs associated with travel to and from their clinical experiences.

MSAT 651 Clinical Experience in Athletic Training VI		5 credit hours
Spring		Prerequisite: MSAT 550

Advanced clinical experience where students are responsible for assisting in the healthcare of patients during practices, games, treatments, and rehabilitation under the direct supervision of a preceptor. Students are required to integrate knowledge, skills, and clinical decision-making into actual client and patient care. Further foundational behaviors in the context of real patient care will be assessed. This clinical experience will also include an immersive component that allows the students to experience the totality of care provided by athletic trainers. During the immersive component, students will participate in the day-to-day and week-to-week role of an athletic trainer for a five-week period. Students are responsible for costs associated with travel to and from their clinical experiences.

MSAT 660 Clinical Education in Emerging Settings		1 credit hour
Winter		Prerequisite: MSAT 550

A clinical course in which students complete supervised experiences in a variety of emerging health care settings under the guidance of preceptors. Clinical experience hours will be augmented with synchronous and asynchronous course meetings and assignments, and individual one-on-one virtual meetings with the assigned faculty instructor as necessary. Students are responsible for costs associated with travel to and from their clinical experiences.

Master of Science in Physician Assistant Studies

Interim Program Director: C. Howell
Medical Director: C. Zietlow
MSPAS Faculty: A. Clemens, B. LaBonte, J. Simmons, M. Walters

The Master of Science in Physician Assistant Studies (MSPAS) program is a professional program designed for students who hold a bachelor's degree and want to pursue board certification as a PA by The National Commission on Certification of Physician Assistants (NCCPA) and licensure to practice medicine as a PA. Franklin College MSPAS received Accreditation-Continued status from the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA). A degree from an ARC-PA accredited program is necessary for students to be eligible for the NCCPA Physician Assistant National Certifying Examination (PANCE).

Accreditation Statement
The Higher Learning Commission has granted approval for Franklin College to offer the Master of Science in Physician Assistant Studies.

The Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) has granted **Accreditation-Continued** status to the **Franklin College Master of Science in Physician Assistant Studies Program** sponsored by **Franklin College**.

Accreditation-Continued is an accreditation status granted when a currently accredited program is in compliance with the ARC-PA *Standards*. Accreditation remains in effect until the program closes or withdraws from the accreditation process or until accreditation is withdrawn for failure to comply with the *Standards*. The approximate date for the next validation review of the program by the ARC-PA will be **2033**. The review date is contingent upon continued compliance with the Accreditation *Standards* and ARC-PA policy.

The program's accreditation history can be viewed on the ARC-PA website at https://www.arc-pa.org/accreditation-history-franklin-college/.

25-Month Professional Program
The MSPAS program is a 25-month, 111 credit full-time course of study. The curriculum is divided into a 12-month didactic phase, a 12-month clinical phase, and a 1-month capstone phase. The program begins a new cohort of students in January each year.

As the program is sequential, students must take all courses each semester and a part-time option is not available.

Advanced Placement and Transfer Policy
Advanced Placement or transfer credits for MSPA curriculum courses will not be awarded. No credit will be awarded to students for prior work experience.

Additional Estimated Program Expenses
In addition to the above tuition/fees, the following are estimated expenses that are the responsibility of the student during the course of the program.

- Criminal Background Check/drug screen – $150
- Text books and course resources – $1000-$1500
- Laptop computer – $1500
- Diagnostic medical equipment – $800-$1000
- Memberships – $95 (IAPA $20, AAPA $75)
- Required certifications (BLS)– $250

- Estimated housing and living expenses per year
    - Room and board (off-campus) – $8500/year
    - Transportation – $1000
- Vehicle parking permit (2 years) – $50

Upon completion of the MSPAS Program, graduates will assume responsibilities for all costs associated with being a licensed and practicing PA.

MSPAS Admissions Process

Step 1: Review the admission requirements and technical standards listed below

- Applicants will not be considered for an interview if they do not meet all of the requirements.

Step 2: Apply to the PA Program

- Applications for the cohort of students to begin in January 2027 will be accepted through the Central Application Service for Physician Assistants (CASPA) beginning April 30, 2026.
- Application deadline: September 1 with "Completed" status.
- It is the applicant's responsibility to ensure that all application and supporting documents are submitted directly to CASPA by the deadline. Application materials sent directly to the program will not be accepted.
- Applications will not be considered if the application is not designated as "Complete" by CASPA prior to the deadline. Application, payments, transcripts, and at least two letters of reference must be received by 11:59 pm ET on the deadline date. To ensure items arrive on time, try to send all documents to CASPA several weeks before the deadline.
- The PA program conducts rolling admissions and it is possible that all interview slots may be filled prior to the application deadline. For this reason, it is recommended that applicants submit early in the application cycle.

Step 3: On-campus interviews

- Each completed and verified application is reviewed by the PA Program admission's committee to evaluate a student's qualifications for admission. Qualified applicants are invited to an on-campus interview which will assess knowledge of the PA profession, communication and interpersonal skills, and commitment to the mission of the PA program.

Step 4: Admission Decisions

- At the end of each interview session, applicants will be notified of admission decisions (accept, wait-list, denial) within 2 weeks of their on-campus interview.
- The PA program admits on a rolling basis.
- Preference for admission to the program is given to interviewed applicants that best demonstrate knowledge of the PA profession, strong communication and interpersonal skills, and a strong commitment to the mission of the PA program.

Step 5: Pay your deposit

- Accepted students will have 1-2 weeks (or less) to accept or decline the offer. Upon acceptance of an offer, a $1000 non-refundable enrollment deposit must be made to hold the applicant's spot in the class. The total deposit will be applied to the first semester tuition once the student matriculates. https://franklincollege.edu/academics/what-to-study/graduate-programs-at-franklin-college/master-of-science-in-physician-assistant-studies/admissions-and-policies/pay-your-mspas-deposit/

Step 6: Prior to matriculation

- Obtain a physical exam and provide documented proof of program and college required immunizations. Program required immunizations are based on current Centers for Disease Control (CDC) recommendations for health professionals (https://www.cdc.gov/vaccines/hcp/imz-schedules/adult-medical-

condition.html#table-conditions). Proof of physical exam and immunizations should be submitted to the Student Health Center (https://titanium.franklincollege.edu/health) for verification.

- Submit to a criminal background check through the agency selected by the PA program as required by clinical training sites and state licensing boards. Students will be subject to drug screens as required by clinical training sites. Cost of all screenings are the responsibility of the student and paid directly to the agency providing the service.
- Provide documentation of current certification for American Heart Association, Red Cross, or other qualified program Basic Life Support (BLS) for Health Care Providers.

Admissions Requirements

- A bachelor's degree from a regionally accredited United States institution prior to matriculation into the PA program. Official transcripts conferring degrees completed after submitting the application through CASPA must be sent directly to the PA program at Franklin College.
- A minimum cumulative GPA of 3.0 is required. A minimum BC GPA (biology and chemistry) of 3.0 as calculated by CASPA is also required. No individual course grades below a "C" may be counted for a pre-requisite course. Admission to MSPAS programs is highly competitive and a much higher GPA than the minimum is normally required for admission.

Required Classes

All pre-requisite course work should be completed prior to September 1st in the year before the January program start. A student could still reasonably apply early in the cycle with "in-progress" pre-requisite course(s), allowing the program time to review the applicant's coursework. However, an applicant may only have a maximum of ONE outstanding pre-requisite course after September 1 to be considered for matriculation to the program.
Official transcripts for any courses completed after submitting the application through CASPA must be sent directly to the PA program at Franklin College and demonstrate a minimum of a "C" or better in the required course.
Furthermore, the final grade obtained in a course cannot diminish the minimum overall Science GPA required for entry into the program. If a candidate applies to the program and is accepted with outstanding coursework but fails to maintain the minimum GPA required, they forfeit their seat in the program, even if a deposit has been made.
Course/grade substitution *may* be requested, only after a complete CASPA application has been received by the program.

- Chemistry (3)
  - General Chemistry with labs (2 semesters)
  - Organic Chemistry with lab (1 semester)
- Biology (5)
  - General Biology with labs (2 semesters)
  - Human Anatomy & Physiology with labs (2 semesters)
  - Microbiology with lab (1 semester)

*Chemistry and biology course work should be completed within 7 years of matriculation. Biology and chemistry courses designed for science majors are preferred. Online labs are NOT accepted, but due to COVID-19 online labs taken in 2020 and 2021 will be considered. Applicants should not assume "consideration" as synonymous with guaranteed acceptance. Due to COVID-19, Satisfactory or Pass course outcomes may be considered in lieu of letter grades for courses taken from January 2020 until August 2021. However, candidates are reminded that this is a competitive program. Benefits may be found in retaking some course for a letter grade.

- Social Sciences (2)
  - General Psychology (1 semester)*
  - 1 additional behavioral/social science class (1 semester)*

- Statistics/Biostatistics (1)*
    - Any course (1 semester)*
- Composition or communications course (1 semester)*
- Medical terminology (1 semester)*

Recommended Classes

- Biochemistry
- Bioethics
- Cell Biology
- Genetics
- Immunology
- Pathophysiology
- Pharmacology

*Semester attendance is for course duration. Two semesters should take an academic year to complete.

Patient Care Hours

A minimum of 200 documented patient care hours under the supervision of a licensed health care professional is required.

- Applicants should NOT include anticipated hours. Only record the hours that have been successfully accomplished by the time of application submission.
- Direct, hands-on patient care hours are intended to demonstrate the applicants experience working in a healthcare setting.
- Assessment of the quality of the patient care hours will be based upon the description of the applicant's duties performed, in terms of patient contact and interaction with other healthcare providers. Examples of direct patient care are not limited to nurse, certified nurse assistant (CNA), medical assistant, EMT, paramedic, emergency room technician, scribe, surgical technician, athletic trainer, physical therapy aide, etc.

Physician Assistant Shadowing

We encourage you to observe ("shadow") a PA who is actively working in the industry. We prefer PA shadowing in multiple specialties.
Note: shadowing hours are recorded in CASPA and should not count towards your patient care hours.

Letters of Recommendation

Applicants must provide a minimum of three letters of recommendation. One from a professor/instructor **and** one from a physician or other healthcare provider. Letters from high school teachers, coaches, and/or advisors who didn't have direct teaching experience with applicant will **NOT** be accepted as an appropriate substitute for a letter from a professor.
The third letter is of the applicant's choice. This letter should **NOT** be from a personal reference, and one should avoid using clinicians that the applicant shadowed as a reference. Personal reference letters will receive zero points during quality reviews, diminishing the likelihood of being offered an interview.

Special Consideration

The following admission and enrollment practices are followed.

- Franklin College students and graduates are at an advantage in the admission process. Any current Franklin College student or recent graduate (<5 years) that has met all the standards for admission AND has a CASPA calculated cumulative and BCP GPAs of 3.4 or above will be guaranteed to move onto the interview phase of the admissions process.
- Such an applicant is still required to apply to Franklin College through the CASPA portal, similar to all applicants.

- While an interview cannot be guaranteed, any Franklin College graduate that does not meet the above GPA requirement may still apply through CASPA and be considered for admission to the PA program.
- University of Indianapolis students are at an advantage in the admission process. Upon completion of their third year at the University of Indianapolis, students who have a CASPA calculated biology and chemistry (BC) GPA of 3.4 or above, have met all the up-to-date admission standards published on the Franklin College website and have completed an application through CASPA by September 1st will be guaranteed an interview.
- Applicants must have all prerequisite courses completed, in progress, or planned to be completed prior to January for matriculation of their agreed cohort.
- Courses in progress or outstanding must be documented on the Outstanding Courses Form.
- The program gives preference to applicants with higher cumulative and BCP GPAs, higher Junior/Senior/Grad GPA, more direct patient care hours, a higher quality of patient care hours, higher shadowing hours (and higher number of different specialties shadowed), higher quality personal statements, stronger professional references, and stronger mission outreach.
- Applicants who meet any of the following criteria will receive additional consideration in the admissions process for each criterion met. **Students must declare their CASPA application, under the Franklin College section, that they wish to be considered.**
- The applicant is a graduate of Franklin College.
- Applicant is from a medically underserved area in Indiana as designated by the Indiana State Department of Health.
- The applicant is themselves a current or former member of the US military.

Early Admission for Franklin College Undergraduate Students

Franklin College undergraduate students may apply as early as their junior year to be considered for early admission. Candidates must have all prerequisite courses completed, in progress, or planned to be completed prior to January matriculation of their agreed upon cohort. Courses in progress or outstanding courses must be documented on the Outstanding Courses Form to be considered.
The Franklin College undergraduate students must apply through CASPA. Juniors and seniors with a cumulative and BCP GPA of 3.4 or above will be guaranteed to move onto the interview phase of the admissions process. Students with a cumulative and BC GPA less than 3.4 will be evaluated for attributes outlined on the Admission Requirement website page before a decision is made regarding an invitation for an interview.

Program orientation

All graduate students will be required to attend a master's program orientation prior to the start of Winter (January) courses. A detailed description of orientation events will be included with students' acceptance letters.

Graduation Requirements

To successfully graduate from the PA Program, students must:

(1) Complete the entire program within three and one-half (3.5) academic years; and

(2) Successfully complete and pass all required courses, rotations, and program requirements with a grade of C or better and have a minimum cumulative GPA of 3.00.

(3) Maintain professionalism.

Academic Requirements

Students must complete and pass all semester courses before they can progress to the next semester of the program. Successful completion of a course is defined as the ability to demonstrate competence in course content. Criteria for successful completion of each course are conveyed to the student via the course syllabus.

Each student within the PA Program must maintain a minimum 3.0 (4.0 scale) cumulative GPA and semester GPA to maintain good standing in the program. For the purposes of determining academic standing, January term and spring

term are counted as one spring semester (term) during both the didactic and clinical years. Student progress in the program will be discussed continually by the program faculty at regularly scheduled faculty meetings and at the conclusion of each semester. If a student's term OR cumulative GPA falls below the 3.0 (4.0 scale) minimum, he/she will be placed on academic probation. Students will have one semester to improve his/her term AND cumulative GPA to acceptable standards (minimum 3.0) or risk being dismissed from the MSPAS Program following an evaluation of student progress by the Program Director and the faculty and recommendation to the VPAA.

- A grade of "C" or higher is required for all required courses within the MSPAS program. If a student receives a "F" or below in a course required by the program, the course must be repeated and the student is placed on academic probation. The student will be removed from probation when he/she has successfully repeated the course with a "C" or higher. The MSPAS graduate students will be allowed a maximum of two (2) opportunities to successfully pass each course or rotation. They will be permitted to repeat a failed course or rotation only as part of a detailed remediation plan. Failure to pass a course or rotation on the second opportunity will result in academic dismissal from the program.

- All courses within the MSPAS program are sequential and are prerequisites for subsequent semester courses. MSPAS didactic courses are only offered once a year so any course that must be repeated will result in deceleration of the student from the current cohort. During the clinical year, repeated courses may result in a delay in graduation. The MSPAS program faculty and staff make every effort to provide support and access to appropriate assistance to help all students restore good academic standing. Yet, it remains the student's responsibility to see this support from the program.

- Students may also be dismissed due to professionalism violation(s).

- If a student is placed on probation a second time, either for low cumulative GPA or failure of a course, the student may be dismissed from the MSPAS Program and graduate studies. Concerns for a second probation will be a discussion with the academic committee, program director, and the Vice President for Academic Affairs (VPAA).

Master of Science in Physician Assistant Studies

Didactic Year Curriculum

Winter Immersive (4-5 wks)

MSPA 500 Principles of PA Practice I	1
MSPA 505 Foundations of Clinical Anatomy	2
MSPA 510 Intro to Pathophysiology	2
MSPA 515 Intro to Clinical Pharmacology	1
MSPA 520 Applied Patient Care I	2
Total hours	**8**

Spring Semester (15 wks)

MSPA 501 Principles of PA Practice II	1
MSPA 521 Applied Patient Care II	2
MSPA 530 Intro to Evidence-Based Practice	1
MSPA 550 Systems Pharmacology I	2
MSPA 560 Clinical Hematology and Infectious disease	4
MSPA 561 Clinical HEENT	2.5
MSPA 562 Clinical Dermatology	1.5
MSPA 563 Clinical Pulmonology	4
Total hours	**18**

Summer Semester (12 wks)

MSPA 502 Principles of PA Practice III	1
MSPA 522 Applied Patient Care III	2
MSPA 551 Systems Pharmacology II	2
MSPA 570 Clinical Cardiology	5
MSPA 571 Clinical Nephrology and Urology	3
MSPA 572 Clinical Orthopedics and Rheumatology	4
Total hours	**17**

Fall Semester (16 wks)

MSPA 503 Principles of PA Practice IV	1
MSPA 523 Applied Patient Care IV	3
MSPA 552 Systems Pharmacology III	2
MSPA 580 Clinical Gastroenterology	3
MSPA 581 Clinical Endocrinology	2
MSPA 582 Clinical Behavioral Health and Neurology	4
MSPA 583 Clinical Gynecology and Obstetrics	3
MSPA 584 Clinical Pediatrics	3
MSPA 590 Research Methods	2
Total hours	**23**

Clinical Year Curriculum

Winter, Spring, Summer, and Fall Terms

MSPA 650 Surgery Clinical Course	4
MSPA 651 Internal Medicine Clinical Course	4
MSPA 652 Emergency Medicine Clinical Course	4
MSPA 653 Family Medicine Clinical Course	4
MSPA 654 Women's Health Clinical Course	4
MSPA 655 Pediatrics Clinical Course	4
MSPA 656 Behavioral Health Clinical Course	4
MSPA 657 Clinical Elective 1	4
MSPA 658 Clinical Elective 2	4

The order of rotations will be unique for each student

Capstone Requirements

MSPA 630 Bridge to Clinical Practice I	1	Spring
MSPA 631 Bridge to Clinical Practice II	1	Summer
MSPA 632 Bridge to Clinical Practice III	1	Fall
MSPA 633 Bridge to Clinical Practice IV	4	Winter
MSPA 665 Community Engagement	2	Winter

Master of Science in Physician Assistant Studies Course Descriptions

MSPA 500 Principles of PA Practice I		1 credit hour
Winter		Prereq: Admission to MSPAS

This is the first in a series of four courses that will focus on the non-clinical aspects of PA practice. This course introduces PA students to the Physician Assistant profession and discusses topics such as: licensing, credentialing, patient safety, risk management, professional organizations pertinent to students, the impact of US health care delivery system, public health policy, and inter-professional healthcare teams. Students will develop communication skills and define professionalism as it applies to the health care field.

MSPA 501 Principles of PA Practice II		1 credit hour
Spring		Prereq: All winter term courses

This is the second in a series of four courses that will focus on the non-clinical aspects of PA practice. This course provides an overview of ethics and social issues in health care in a rapidly changing society. It teaches students to approach ethical dilemmas using theoretical frameworks and decision making processes. Instruction related to medical care and diversity prepares students to evaluate their own values and avoid stereotyping and assists students in becoming aware of differing health beliefs, values, and expectations of patients and other health care professionals. Includes a discussion of the Guidelines for Ethical Conduct for the Physician Assistant Profession.

MSPA 502 Principles of PA Practice III		1 credit hour
Summer		Prereq: All spring term courses

This is the third in a series of four courses that will focus on the non-clinical aspects of PA practice. This course will continue to define the PA role in the healthcare system and apply knowledge learned in previous courses on ethics and social issues to case studies related to the body system being discussed in the clinical courses.

MSPA 503 Principles of PA Practice IV		1 credit hour
Fall		Prereq: All summer term courses

This is the final course in a series of four courses that will focus on the non-clinical aspects of PA practice. This course will continue to define the PA role in the healthcare system and apply knowledge learned in previous courses on inter-professional healthcare teams to scenario-based activities with students in other healthcare professions.

MSPA 505 Foundations of Clinical Anatomy		2 credit hours
Winter		Prereq: Admission to MSPAS

Prepares the student for clinical practice with an understanding of functional and applied anatomy stressing the normal landmarks and common clinical findings. Coordination and sequencing with Applied Patient Care I will occur to integrate clinical anatomy with physical examination skills. Additionally, this course contains an overview of neuroanatomy in preparation for learning the anatomy of each body system in the clinical medicine courses.

MSPA 510 Intro to Pathophysiology		2 credit hours
Winter		Prereq: Admission to MSPAS

This lecture based course introduces students to the pathophysiology and etiology of human disease states through genetic, molecular, physiological, and histological changes. The cell physiology portion of the course will present the physiological fundamentals and processes at the human cellular and tissue level which is needed as a foundation to understand pathophysiology. The genetics portion of the course will present the basic concepts and principles of genetics as a foundation to build upon the role of genetics in disease risk, development, and prevention which will be presented throughout the curriculum where clinically relevant.

MSPA 515 Intro to Clinical Pharmacology		1 credit hour
Winter		Prereq: Admission to MSPAS

Develops an understanding of the theoretical concepts surrounding pharmacology, such as drug classifications, the pharmacokinetics and pharmacodynamics of drugs, adverse effects of drugs, the concepts surrounding pharmacotherapy, and the rationale for therapeutic use of prescription and nonprescription medications. The course will also explore the drug discovery and regulation process through integrating the Lilly "Making Medicine" module.

MSPA 520 Applied Patient Care I		2 credit hours
Winter		Prereq: Admission to MSPAS

In the first of a four course series, this course will prepare students by developing skills in physical exams and documentation. In this lecture and laboratory based course, students will learn and practice the physical exam techniques necessary for patient care. Lectures will focus on the components of a comprehensive physical exam and laboratory sessions will focus on developing and practicing, towards a defined level of proficiency, the skills needed to complete a head to toe physical exam. Patient-centered communication skills will be incorporated throughout the course series.

MSPA 521 Applied Patient Care II		2 credit hours
Spring		Prereq: All winter term courses

In the second of a four course series, this course continues to prepare students to begin patient care through developing skills in history taking, physical exams, and documentation of a full history and physical exams. During the term, students will complete a comprehensive head to toe screening exam. Advanced physical exam and special tests will be included based upon the body systems covered in the clinical medicine courses during the semester. The focus will be on developing a differential diagnosis using problem-based small group cases. Patient-centered communication skills will be incorporated throughout the course activities.

MSPA 522 Applied Patient Care III		2 credit hours
Summer		Prereq: All spring term courses

In the third of a four course series, this course continues to prepare students to begin patient care through developing skills in history taking, physical exams, appropriate diagnostic test ordering, and documentation during chief complaint focused visits. Advanced physical exam and special tests will be included based upon the body systems covered in the clinical medicine courses during the semester. The focus will on refining the differential diagnosis using problem-based small group cases and standardized patients. Patient-centered communication skills will be incorporated throughout the course activities.

MSPA 523 Applied Patient Care IV		3 credit hours
Fall		Prereq: All summer term courses

In the final of a four course series, this course finishes preparing students to begin patient care through developing skills in history taking, physical exams, appropriate diagnostic test ordering, and documentation during chief complaint focused visits. Advanced physical exam and special tests will be included based upon the body systems covered in the clinical medicine courses during the semester. The focus will on refining the differential diagnosis using problem-based small group cases and standardized patients. Additionally, the clinical skills necessary for patient care will be covered including surgical prep, splinting/casting, suturing, and IV's. Patient-centered communication skills will be incorporated throughout the course activities.

MSPA 530 Intro to Evidence-based Practice		1 credit hour
Spring		Prereq: All winter term courses

Introduces students to evidence-based medicine and provides an in-depth review of research methods used in clinical medicine. Emphasis is placed on clinical questions typically encountered in PA practice and the tools available to answer them.

MSPA 550 Systems Pharmacology I		2 credit hours
Spring		Prereq: All winter term courses

In the first of a three course series, this course examines major classes of pharmacological agents, with special attention to mechanisms of therapeutic and adverse effects, including molecular, cellular, physiological, psychological, and pathological phenomena. The focus of this course is the immune system, infectious disease, hematology, integumentary system, HEENT system, and pulmonary system covered in the clinical medicine courses.

MSPA 551 Systems Pharmacology II		2 credit hours
Summer		Prereq: All spring term courses

In the second of a three course series, this course examines major classes of pharmacological agents, with special attention to mechanisms of therapeutic and adverse effects, including molecular, cellular, physiological, psychological, and pathological phenomena. The focus of this course is the cardiovascular system, renal system, genitourinary system and musculoskeletal system covered in the clinical medicine courses.

MSPA 552 Systems Pharmacology III		2 credit hours
Fall		Prereq: All summer term courses

In the final of a three course series, this course examines major classes of pharmacological agents, with special attention to mechanisms of therapeutic and adverse effects, including molecular, cellular, physiological, psychological, and pathological phenomena. The focus of this course is the gastrointestinal system, endocrine system, nervous system, behavioral and mental health, gynecological, obstetrics, and pediatrics covered in the clinical medicine courses.

MSPA 560 Clinical Hematology and Infectious Disease		4 credit hours
Spring		Prereq: All winter term courses

Systems-based course addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing involving the hematology and infectious disease across the lifespan. This course will include modules on the structure of the immune system and a review of the microbiology of organisms. Appropriate ordering and interpretation of diagnostic tests as related to the disease states presented will be included.

In conjunction with the Applied Patient Care II course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this organ system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 561 Clinical HEENT		2.5 credit hours
Spring		Prereq: All winter term courses

Systems-based course addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing involving the HEENT system across the lifespan. Appropriate ordering and interpretation of diagnostic tests as related to the disease states presented will be included.

In conjunction with the Applied Patient Care II course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this organ system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 562 Clinical Dermatology		1.5 credit hours
Spring		Prereq: All winter term courses

Systems-based course addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing involving the integumentary system across the lifespan. Appropriate ordering and interpretation of diagnostic tests as related to the disease states presented will be included.

In conjunction with the Applied Patient Care II course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this organ system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 563 Clinical Pulmonology		4 credit hours
Spring		Prereq: All winter term courses

Systems-based course addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing involving the pulmonary system across the lifespan. Appropriate ordering and interpretation of diagnostic tests including chest x-ray and chest CT as related to the disease states presented will be included.

In conjunction with the Applied Patient Care II course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this organ system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 570 Clinical Cardiology		5 credit hours
Summer		Prereq: All spring term courses

Systems-based course addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing involving the cardiovascular system across the lifespan. Appropriate ordering and interpretation of diagnostic tests including ECG, cardiac markers, radiographic imaging, and stress testing will be covered.

In conjunction with the Applied Patient Care III course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this organ system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 571 Clinical Nephrology and Urology		3 credit hours
Summer		Prereq: All spring term courses

Systems-based course addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing involving the renal and urinary systems across the lifespan. Appropriate ordering and interpretation of diagnostic tests including urinalysis, ultrasound, and CT scan as related to the disease states presented will be covered.

In conjunction with the Applied Patient Care III course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this organ system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 572 Clinical Orthopedics and Rheumatology		4 credit hours
Summer		Prereq: All spring term courses

Systems-based course addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing involving the orthopedics and rheumatic systems across the lifespan. Appropriate ordering and interpretation of diagnostic tests including x-ray, MRI, joint fluid analysis, and laboratory markers as related to the disease states presented will be covered.

In conjunction with the Applied Patient Care III course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this organ system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 580 Clinical Gastroenterology		3 credit hours
Fall		Prereq: All summer term courses

Systems-based module addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing involving the gastroenterology across the lifespan. Appropriate ordering and interpretation of diagnostic tests including abdominal x-ray, CT scan, endoscopy, colonoscopy, liver function tests, and other laboratory markers as related to the disease states presented will be covered.

In conjunction with the Applied Patient Care IV course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this organ system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 581: Clinical Endocrinology		2 credit hours
Fall		Prereq: All summer term courses

Systems-based module addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing involving the endocrine system across the lifespan. Appropriate ordering and interpretation of diagnostic tests as related to the disease states presented will be covered.

In conjunction with the Applied Patient Care IV course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this organ system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 582 Clinical Behavioral Health and Neurology		4 credit hours
Fall		Prereq: All summer term courses

Systems-based module addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing involving the behavioral medicine and neurology systems across the lifespan. Appropriate ordering and interpretation of diagnostic tests as related to the disease states presented will be covered.

In conjunction with the Applied Patient Care IV course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this organ system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 583 Clinical Gynecology and Obstetrics		3 credit hours
Fall		Prereq: All summer term courses

Systems-based course addressing anatomy, physiology, pathophysiology, clinical medicine, and diagnostic testing in gynecology and obstetrics. Appropriate ordering and interpretation of diagnostic tests as related to gynecology and prenatal screening will be covered.

In conjunction with the Applied Patient Care IV course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this system along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning sessions.

MSPA 584 Clinical Pediatrics		3 credit hours
Fall		Prereq: All summer term courses

Systems-based course addressing development, clinical medicine, pathophysiology, and diagnostic testing in the pediatric population. The course builds upon the knowledge attained in previous clinical medicine courses and applies it to the recognition, evaluation, treatment and management, including referral of common clinical conditions and diseases seen in the pediatric population.

In conjunction with Applied Patient Care IV course, students will be provided the opportunity to apply their newly learned medical knowledge regarding conditions and disease states in this population along with evidence based medicine approaches and health promotion and disease prevention concepts to the ongoing development of their history taking and physical examination and critical thinking skills in case based learning dynamics.

MSPA 590 Research Methods		2 credit hours
Fall		Prereq: All summer term courses

Introduces students to research methods and application in the clinical setting. Covers basic concepts of epidemiology and statistics related to medical practice. Prepares students to complete capstone Community Engagement Project.

MSPA 630 Bridge to Clinical Practice I		1 credit hour each
Spring		Prereq: All didactic year courses

Provides students with the opportunity to reflect on their clinical experiences and to share best practices related to being a practicing physician assistant. Focuses on students' work in collaborative, inter-professional, patient-centered teams, and the development of problem solving and medical decision-making skills. Students will present evidence-based medicine cases in a grand rounds format.

MSPA 631 Bridge to Clinical Practice II		1 credit hour each
Summer		Prereq: All didactic year courses

Provides students with the opportunity to reflect on their clinical experiences and to share best practices related to being a practicing physician assistant. Focuses on students' work in collaborative, inter-professional, patient-centered teams, and the development of problem solving and medical decision-making skills. Students will present evidence-based medicine cases in a grand rounds format.

MSPA 632 Bridge to Clinical Practice III		1 credit hour each
Fall		Prereq: All didactic year courses

Provides students with the opportunity to reflect on their clinical experiences and to share best practices related to being a practicing physician assistant. Focuses on students' work in collaborative, inter-professional, patient-centered teams, and the development of problem solving and medical decision-making skills. Students will present evidence-based medicine cases in a grand rounds format.

MSPA 633 Bridge to Clinical Practice IV		4 credit hours
Winter		Prereq: All didactic year courses

This course assists students with the transition of becoming practicing physician assistants. This course provides students with information on how to prepare for their new career including obtaining certification, licensure, malpractice insurance, laws and regulations, and other essential items needed before beginning clinical practice. Students will also spend significant time preparing for the Physician Assistant National Certifying Examination (PANCE). This course contains the following components of the summative evaluation, which assesses the Franklin College PA Program Outcomes (Competencies):1. Written Comprehensive Exam 2. Standardized Patient OSCE 3. Technical Skills Stations

MSPA 650 Surgery Clinical Course		4 credit hours
Spring, Summer, Fall		Prereq: All didactic year courses

This is a five-week required clinical rotation for a second-year PA student that focuses on the role of the physician assistant in surgery. The rotation is designed to provide students with supervised medical and clinical experiences enabling them to meet program expectations (outcomes) and acquire the competencies needed for entry-level clinical PA practice.

Under the supervision of a surgical clinical preceptor designated by the PA program, the student will gain experience focusing on the care of the surgical patient and the role of the physician assistant in the surgical patient management team to include pre-operative, intra-operative, and post-operative care. In addition, students will work toward expanding their knowledge of surgical care as well as their surgical skills through active participation and engagement as part of the surgical team within the hospital and operating room settings. For the Surgery Clinical Course, the program-determined preceptor will be a physician who is or has been board-certified in general surgery or a surgical subspecialty, a NCCPA-certified PA who practices in surgery, or a certified nurse practitioner who practices in surgery.

The student will actively engage in applying medical knowledge and clinical skills gained during the didactic year and demonstrate continued development of interpersonal, clinical, and technical skills, professional behaviors, clinical reasoning, and problem solving as applied to the evaluation and management of problems encountered in the surgical setting.

MSPA 651 Internal Medicine Clinical Course		4 credit hours
Spring, Summer, Fall		Prereq: All didactic year courses

This is a five-week required clinical rotation for a second-year PA student that focuses on the role of the physician assistant in internal medicine. The rotation is designed to provide students with supervised medical and clinical experiences enabling them to meet program expectations (outcomes) and acquire the competencies needed for entry-level clinical PA practice.

Under the supervision of an internal medicine clinical preceptor designated by the PA program, the student will gain experience in the diagnosis and treatment of adult and geriatric patients in the inpatient setting which will allow the student to focus on the management of more complex patients requiring hospitalization. For the Internal Medicine Clinical Course, the program-determined preceptor will be a physician who is or has been board-certified in internal medicine or an equivalent field, a NCCPA-certified PA who practices internal medicine, or a certified nurse practitioner who practices internal medicine.

The student will actively engage in applying medical knowledge and clinical skills gained during the didactic year and demonstrate continued development of interpersonal, clinical, and technical skills, professional behaviors, clinical reasoning, and problem solving as applied to the evaluation and management of problems encountered in the inpatient setting.

MSPA 652 Emergency Medicine Clinical Course		4 credit hours
Spring, Summer, Fall		Prereq: All didactic year courses

This is a five-week required clinical rotation for a second-year PA student that focuses on the role of the physician assistant in the emergency department setting. The rotation is designed to provide students with supervised medical and clinical experiences enabling them to meet program expectations (outcomes) and acquire the competencies needed for entry-level clinical PA practice.

Under the supervision of an emergency medicine clinical preceptor designated by the PA program, the student will gain knowledge and experience in the rapid and methodical assessment, evaluation, stabilization, and treatment of acutely ill, traumatic, urgent, life-threatening, and/or emergent pediatric, adult, and geriatric patients and work as a member of the emergency department team. For the Emergency Medicine Clinical Course, the program-determined preceptor will be a physician who is or has been board-certified in emergency medicine or an equivalent field, a NCCPA-certified PA who practices emergency medicine, or a certified nurse practitioner who practices emergency medicine.

The student will actively engage in applying medical knowledge gained during the didactic year and demonstrate continued development of interpersonal, clinical, and technical skills, professional behaviors, clinical reasoning, and problem solving as applied to the evaluation and management of acute, urgent, and emergent problems encountered in emergency medicine.

MSPA 653: Family Medicine Clinical Course		4 credit hours
Spring, Summer, Fall		Prereq: All didactic year courses

This is a five-week required clinical rotation for a second-year PA student that focuses on the role of the physician assistant in family medicine. The rotation is designed to provide students with supervised medical and clinical experiences enabling them to meet program expectations (outcomes) and acquire the competencies needed for entry-level clinical PA practice.

Under the supervision of a family medicine clinical preceptor designated by the PA program, the student will gain experience in the evaluation, treatment, and management including referral of common diseases and conditions encountered in an outpatient family medicine setting emphasizing adolescent, adult, and geriatric patients. Students will perform history and physical exams, obtain/interpret diagnostic testing, and develop differential diagnosis and treatment plans. Students may perform clinical procedures at the discretion of the preceptor. For the Family Medicine Clinical Course, the program-determined preceptor will be a physician who is or has been board-certified in family medicine or an equivalent field, a NCCPA-certified PA who practices family medicine, or a certified nurse practitioner who practices family medicine.

The student will actively engage in applying medical knowledge gained during the didactic year and demonstrate continued development of interpersonal, clinical, and technical skills, professional behaviors, clinical reasoning, and problem solving.

MSPA 654: Women's Health Clinical Course		4 credit hours
Spring, Summer, Fall		Prereq: All didactic year courses

This is a five-week required clinical rotation for a second-year PA student that focuses on the role of the physician assistant in women's health. The rotation is designed to provide students with supervised medical and clinical experiences enabling them to meet program expectations (outcomes) and acquire the competencies needed for entry-level clinical PA practice.

Under the supervision of a women's health clinical preceptor designated by the PA program, the student will gain experience in the evaluation, treatment, and management of common diseases and conditions encountered in gynecology and obstetrics. Students will perform history and physical exams, obtain/interpret diagnostic testing and develop differential diagnosis and treatment plans. Students may perform clinical procedures at the discretion of the preceptor. For the Women's Health Clinical Course, the program-determined preceptor will be a physician who is or has been board-certified in obstetrics and gynecology or an equivalent field, a NCCPA-certified PA who practices women's health, or a certified nurse practitioner who practices women's health.

The student will actively engage in applying medical knowledge gained during the didactic year and demonstrate continued development of interpersonal, clinical, and technical skills, professional behaviors, clinical reasoning, and problem solving.

MSPA 655: Pediatrics Clinical Course		4 credit hours
Spring, Summer, Fall		Prereq: All didactic year courses

This is a five-week required clinical rotation for a second-year PA student that focuses on the role of the physician assistant in pediatrics. The rotation is designed to provide students with supervised medical and clinical experiences enabling them to meet program expectations (outcomes) and acquire the competencies needed for entry-level clinical PA practice.

Under the supervision of a pediatrics clinical preceptor designated by the PA program, the student will gain experience in the evaluation, treatment, and management including referral of common diseases and conditions encountered in an outpatient pediatric setting emphasizing infants, children, or adolescent patients. Students will perform history and physical exams, obtain/interpret diagnostic testing and develop differential diagnosis and treatment plans. Students may perform clinical procedures at the discretion of the preceptor. For the Pediatrics Clinical Course, the program-determined preceptor will be a physician who is or has been board-certified in pediatrics or an equivalent field, a NCCPA-certified PA who practices pediatrics, or a certified nurse practitioner who practices pediatrics.

The student will actively engage in applying medical knowledge gained during the didactic year and demonstrate continued development of interpersonal, clinical, and technical skills, professional behaviors, clinical reasoning, and problem solving.

MSPA 656: Behavioral Health Clinical Course		4 credit hours
Spring, Summer, Fall		Prereq: All didactic year courses

This is a five-week required clinical rotation for a second-year PA student that focuses on the role of the physician assistant in behavioral health. The rotation is designed to provide students with supervised medical and clinical experiences enabling them to meet program expectations (outcomes) and acquire the competencies needed for entry-level clinical PA practice.

Under the supervision of a behavioral health clinical preceptor designated by the PA program, the student will gain knowledge and experience toward the refinement of skills needed for the unique medical, physiological, behavioral, and psychosocial components and issues common to the practice of psychiatry, behavioral health, and mental health. Students will work to adapt the standard medical history, physical examination, diagnostics, and treatment plans to the psychiatric patient. For the Behavioral Health Clinical Course, the program-determined preceptor will be a physician who is or has been board-certified in psychiatry or an equivalent field, a NCCPA-certified PA who practices in psychiatry, a certified psychiatric nurse practitioner. Students may also complete a portion of their rotation with other licensed practitioners who specialize in behavioral health.

The student will actively engage in applying medical knowledge gained during the didactic year and demonstrate continued development of interpersonal, professional behaviors, clinical reasoning, and problem solving.

MSPA 657 Elective Clinical Course		4 credit hours each
Spring, Summer, Fall		Prereq: All didactic year courses

Each student is granted to opportunity to complete two five week elective rotations designed to facilitate the student's ability to evaluate health-related problems encountered in an area of medical interest. It can include the choice to obtain additional experience in one or two of the core rotation disciplines or other medical specialties.

Under the supervision of a clinical preceptor designated by the PA program, the student will gain knowledge and experience in the evaluation, treatment, and management including referral of common diseases and conditions encountered in the chosen discipline or medical specialty. During one of the elective rotation blocks the student will have a rotation deliverable, which will be an inter-professionalism project.

The student will actively engage in applying medical knowledge gained during the didactic year and demonstrate continued development of interpersonal, clinical and technical skills, professional behaviors, clinical reasoning and problem solving.

MSPA 658 Elective Clinical Course		4 credit hours each
Spring, Summer, Fall		Prereq: All didactic year courses

Each student is granted to opportunity to complete two five week elective rotations designed to facilitate the student's ability to evaluate health-related problems encountered in an area of medical interest. It can include the choice to obtain additional experience in one or two of the core rotation disciplines or other medical specialties.

Under the supervision of a clinical preceptor designated by the PA program, the student will gain knowledge and experience in the evaluation, treatment, and management including referral of common diseases and conditions encountered in the chosen discipline or medical specialty. During one of the elective rotation blocks the student will have a rotation deliverable, which will be an inter-professionalism project.

The student will actively engage in applying medical knowledge gained during the didactic year and demonstrate continued development of interpersonal, clinical and technical skills, professional behaviors, clinical reasoning and problem solving.

MSPA 665: Community Engagement		2 credit hours
Winter		Prereq: All didactic year courses

Students will select a health promotion/disease prevention topic of interest and design and create a methodology and curriculum for an educational presentation. Students will collect and analyze data and present results to faculty, staff, community partners, and fellow students.

Academic Calendar 2026-2027*

MS Athletic Training Summer session • 2026-2027

Orientation/Classes begin ..... July 13
Last day of classes ..... Aug. 21

Fall Semester • 2026-2027

New students arrive ..... Aug. 26
Bell Ceremony ..... Aug. 28
Returning students arrive ..... Aug. 30
Classes begin & Self Service registration closes ..... Aug. 31
Labor Day, college closed ..... Sept. 7
Last day to add a class or declare audit or pass/fail ..... Sept. 8
Last day to drop a class ..... Sept. 21
Winter & Spring classes posted on Self Service ..... Oct. 6
Early alert grades for new students due by noon ..... Oct. 6
Senior Competency period begins ..... Oct. 12
Incomplete grades from Spring & Summer due ..... Oct. 13
Mid-term grades due by noon ..... Oct. 16
Fall Break (Mon/Tues) ..... Oct. 19-20
Last day to add second half semester classes ..... Oct. 27
New students register for winter term ..... Oct. 29
Registration for Winter & Spring begins ..... Nov. 2
Last day to withdraw from a class ..... Nov. 2
Senior Competency period ends ..... Nov. 13
Last day to drop second half semester classes ..... Nov. 13
Thanksgiving break ..... Nov. 25-27
Last day of classes ..... Dec. 10
Reading Day (no undergraduate classes) ..... Dec. 11
Last day to submit Incomplete grade requests ..... Dec. 11
Final exam period ..... Dec. 14-17
Holiday break begins after exams ..... Dec. 17
Final grades due by noon ..... Dec. 21

IMMERSIVE Term • 2026-2027

First day of classes ..... Jan. 5
Last day to add a class or declare audit & pass/fail ..... Jan. 6
Last day to drop a class ..... Jan. 8
Last day of classes ..... Jan. 22
Final grades due by noon ..... Jan. 26
No Classes ..... Jan. 25-29

*Graduate programs may follow separate calendars

Spring Semester • 2026-2027

Classes begin & Self Service registration closes ..... Feb. 1
Last day to add a class or declare audit or pass/fail ..... Feb. 8
Last day to drop a class ..... Feb. 19
Degree applications due ..... Feb. 22
Summer & Fall classes posted on Self Service ..... Feb. 22
Senior Competency period begins ..... Mar. 15
Registration for Summer & Fall begins ..... Mar. 15
Incomplete grades from Fall & Winter due ..... Mar. 16
Mid-term grades due by noon ..... Mar. 22
Spring Break ..... Mar. 29 Apr. 2
Last day to add second half semester classes ..... Apr. 6
Last day to withdraw from a class ..... Apr. 12
Senior Competency period ends ..... Apr. 23
Last day to drop second half semester classes ..... Apr. 23
Senior tentative grades due ..... May 10
Last day of classes ..... May 12
Scholars Day/Intercultural Honors Experience ..... May 13
Reading Day (no undergraduate classes) ..... May 14
Last day to submit Incomplete grade requests ..... May 14
Final exam period ..... May 17-20
Senior final grades due by noon ..... May 20
Commencement ..... May 22
Final grades due by noon ..... May 25
Memorial Day, college closed ..... May 31

Summer Session • 2026-2027

First day of Summer Session I classes ..... June 1
Last day to add/drop a class or declare audit or pass/fail (SSI) ..... June 2
Last day to withdraw from Session I classes ..... June 7
Juneteenth Holiday, college closed ..... June 18
Last day of Summer Session I, 4.5 week classes ..... July 2
Independence Day observed, college closed ..... July 5
Final grades for Session I, 4.5 week classes due at noon . July 6
First day of Summer Session II classes ..... July 7
Last day to add/drop a class or declare audit or pass/fail (SSII) ..... July 8
Last day to withdraw from Session II classes ..... July 13
Last day of Summer Session I, 8 week classes ..... July 23
Final grades for Session I, 8 week classes due at noon .. July 27
Last day of Summer Session II classes ..... Aug. 6
Final grades for Summer Session II due at noon ..... Aug. 10

People

Board of Trustees

Executive Committee

Chair of the Board: Peter T. Cangany, Jr.
Secretary: David H. Dunkle
Treasurer: James T. Napolitan
Chair, Academic Affairs Committee: Theressa J. Wright
Chair, Audit Committee: Worthe S. Holt, Jr.
Chair, Development Committee: Deana Haworth
Chair, Enrollment Management Committee: Sean G. Thomasson
Chair, Finance Committee: Cathy S. Dunn
Chair, Physical Facilities Committee: Todd Bemis
Chair, President's Committee: James T. Napolitan
Chair, Real Estate Committee: Susan Williams
Chair, Student Affairs Committee: John W. Auld, Jr.
Chair, Trusteeship Committee: David H. Dunkle

Trustees

Jon S. Almeras '92, Washington, DC; managing director of taxes, Airlines for America
Devin D. Anderson '86, Indianapolis, Indiana; president and CEO, E & A Companies
John W. Auld, Jr. '76, Franklin, Indiana; president, Franklin Insurance Agency
Todd Bemis '84, Bargersville, Indiana; president, Bemis Group
Robert B. Brown, Carmel, Indiana; retired chief executive officer, Brickell Biotech, Inc.
**David R. Byers, Franklin, Indiana; pilot, United Airlines
Peter T. Cangany, Jr. '80, Bellevue, WA; retired senior partner, Ernst & Young LLP.
William E. Cox '81, Greenfield, Indiana; owner/principal consultant, The Triskele Group
Kevin D. Crowe '90, Smyrna, Georgia; Underwriting Team Manager, State Farm Insurance
Dr. Billie Dragoo ('21), Indianapolis, Indiana; founder and chief executive office, RepuCare, Inc.
David H. Dunkle, M.D. M.B.A. '94, Greenwood, Indiana; president and chief executive officer, Johnson Memorial Health
Cathy S. Dunn, Columbus, Indiana; president, Dunn & Associates Benefit Administrators, Inc.
Richard M. Ellery, Noblesville, Indiana; general counsel and secretary, One American Financial Partners, Inc.
Amber Elwood '99, Columbus, Indiana; retired educator, Bartholomew Consolidated School Corporation
Bradley J. Emmert '94, Brazil, Indiana; president, Timberland Lumber Company
Julie Gilmore, Ph.D. '93, Indianapolis, Indiana; vice president and global head, Lilly Gateway Labs, Eli Lilly and Company
Cary M. Guse, M.D. '94, Columbus, Indiana; orthopedic surgeon, Southern Indiana Orthpedics
Deana Haworth '99, Indianapolis, Indiana; chief executive officer, Hirons
Major General, USAF (ret.) Worthe S. Holt, Jr., MD, MMM, Fishers, Indiana; chief medical officer, Wellvana Health
Laura (Cooper) Johnson '92, Bargersville, Indiana; vice president-cardiometabolic health global medical affairs, Strategy and Operations, Eli Lilly and Company
*Nadine P. Melind '81, Indianapolis, Indiana; retired, Boomerang Ventures
James T. Napolitan, PhD ('12), Chicago, Illinois; commodity trader, Chicago Mercantile Exchange
Bradley A. Rateike '02, Indianapolis, Indiana; founder and principal, BAR Communications
Illene (Jaynes) Roggensack '82, Littleton, Colorado; owner/president, Third Sector Innovations and co-owner, Strategic by Nature, Inc.
Bryan J. Spetter, Madeira Beach, Florida
Kristin St. Pierre '96, Bargersville, Indiana; senior advanced planning specialist, St. Pierre Funeral Service

Rafael S. Sánchez, Jr. ’92, Franklin, Indiana; news anchor and reporter, FOX-59/CBS4
Sean G. Thomasson, Columbus, Indiana; attorney, founding partner, Thomasson, Guthrie, Schuhogle, & Happel, P.C.
David W. Wantz, Ed.D., Indianapolis, Indiana; retired president and chief executive officer, Independent Colleges of Indiana
Yolanda S. White ’92, Indianapolis, Indiana; associate director, inclusion & social impact Communications, Eli Lilly and Company
Susan Williams ’67, Indianapolis, Indiana; retired president, Indiana Sports Corporation
Theressa J. Wright, M.D. ’72, Indianapolis, Indiana; retired senior medical fellow– cardiology, global patient safety, Eli Lilly and Company

Trustees Emeriti

William R. Brown ’61, Franklin, Indiana
Robert A. DeVoss ’69, Carmel, Indiana
Dr. Susan Johnson DeVoss ’65 (’14), Fort Wayne, Indiana
Dr. James V. Due ’82 (’22), Indianapolis, Indiana
Dr. Christine S. Fields ’74 (’19), Indianapolis, Indiana
Daniel P. Hann, Leesburg, Indiana
Dr. Stephen Lee Huddleston (’06), Franklin, Indiana
Michael W. O’Dell, M.D. ’81, New York, New York
Dr. John D. Peterson (’17), Zionsville, Indiana
Philip L. Powell, ’73, Greenwood, Indiana
William J. Receveur III ’72, Louisville, Kentucky
Jane Hoffmeister Repp ’60, Naples, Florida
John R. Ralley, Franklin, Indiana
Dr. Douglas L. Tillman ’70 (’20), Indianapolis, Indiana
T. Randall Tucker ’53, Columbus, Indiana

**Alumni Trustee*
***Community Trustee*
Franklin College alumni have class year following name.
Franklin College honorary degree recipients have (award year) following name.

Administration and Support Staff

(Note: Beginning year of employment with Franklin College is listed following each name, along with degrees earned.)

President: Kerry N. Prather – 1982; BS and MS, Indiana University

Assistant to the President and Secretary to the Board: Angelina Gonzalez—2025; BS, Indiana University

Director of Institutional Analytics: Adam Dunigan—2009 , BA, Franklin College

Vice President of Academic Affairs and Dean of the College: Kristin C. Flora **–** 2007; BS, Valparaiso University; MS and Phd, University of Wisconsin-Milwaukee

Associate Dean of Academic Affairs: Sarah Summers—2022; BA, Depauw University; MA and PhD, The Pennsylvania State University

Assistant Dean: Justin Gash– 2008, professor; BA, DePauw University; MA and PhD, Indiana University

Assistant to the Vice President of Academic Affairs: Natalie Dilbone—2017; BA, Franklin College

Director of Professional Development: Jeremy VanAndel—2019; BA, Indiana University-Purdue University Fort Wayne; MBA, University of Indianapolis

Director of Global Education: Jennifer Cataldi – 2013; BA, Franklin College; MA, Roehampton University

Director of Career Services: Kirk Bixler – 2000; BA, Earlham College; MA, Ball State University

Registrar: Lisa Mahan - 1989; BA, Franklin College, MISM Keller Graduate School of Management, DeVry University

Associate Registrar: Jarrod Brett – 2003; BA, Franklin College; MA Indiana University

Director of Academic Partnerships: Betsy Schmidt - 1989; BA, Franklin College; MBA, University of Indianapolis

Director of the Library: Jessica M. Mahoney – 2011; BA, Franklin College; MLS, Indiana University

Reference/Instruction Librarian: TBA

Director of the Pulliam School of Journalism: John Krull – 2004; BA, Franklin College; MA, St. Louis University

Vice President of Strategic Enrollment and Marketing: Andrew Hendricks—2008; BS, Indiana University; MBA, Indiana Wesleyan University

Director of Admissions: Travis Reber—2022; BA, Franklin College

Associate Director of Admissions: Haedyn Scgalski—2019; BA, Franklin College; MaED, Baldwin Wallace University

Associate Director of Admissions: Makayla Bissonnette—2022; BA, Ursuline College

Assistant Director of Admissions: Nick Kight—2023; BA, Huntington University; MS, Indiana State University

Assistant Director of International & Multicultural Admissions: Kelsey Weaver—2024; BSPA Indiana University Purdue University Indianapolis

Admissions Enrollment Assistant: Amy Mullins—2025, BS, Pensacola Christian College

Campus Visit Coordinator: Melissa Griffin—2024; BS, Indiana University; MA, Indiana University Purdue University Indianapolis

Youth Program Coordinator: Mackenzie Taylor—2024; BA, Franklin College; ME, American University

Senior Admissions Counselor:

Elliot Clark—2022; BA, Franklin College

Admissions Counselors:

Cameron Baker—2025; BA, Franklin College

Taylor Brich—2025; BS, Ball State University; MSW, Indiana University-Indianapolis

Director of Financial Aid: Jeff Sustarsic—2024; BA, Depauw University; MS Indiana University

Assistant Director of Financial Aid: Kerri Coghill—2023; BA, Southern New Hampshire University; MA, Southern New Hampshire University

Financial Aid Coordinator: Sarah Glener—2024; BS, Indiana University Purdue University Indianapolis, MS, Indiana University Purdue University Indianapolis

Director of Marketing: Mary White—2022; BS, Indiana University; BFA, Indiana University
Social Media and Marketing Coordinator: Loren Martin—2025; BS, Olivet Nazarene University
Graphic Web Designer: Sandy Shoaf—2019; BA, Brigham Young University
Web Content Manager: Bob Blake—2022; BA, University of Dayton
Digital Marketing and Advertising Manager: Joshua Adams—2024; BS, Ball State University

Vice President and Chief Financial Officer: Kevin Brown—2026; BA, Mount Union College; MFE, Ohio University
Assistant Vice President and Controller: Jared Sabelhaus – 2013; BA, Franklin College; MBA Indiana Wesleyan University
Business Office Manager: Brad Jones – 2005; BA, Franklin College
Director of Human Resources and Title IX Coordinator: Shelli York—2025; BS, Indiana University; MS, Indiana Wesleyan
General Manager of Campus Dining Services (Parkhurst): Deva Duncan – 2019
Manager of Bookstore (Slingshot): Madisyn Hendricks—2022; BA, Franklin College
Director of Campus Security: Steve Leonard – 1998
Assistant Vice President of Physical Facilities: Tom Patz – 1991; BS, Ball State University; Certificate in Hazardous Materials Management, Indiana University, MA – Ball State
Project Manager & Facilities Office Supervisor: Emily Marten – 2012; BA University of Dayton
Event Planning Coordinator: Chase Oden—2022; BS, Indiana University; Certificate in Business Foundations, Indiana University
Building Services Manager: Barbara Everling—2003
Supervisor, HVAC and Plumbing: Thomas (Doug) DeWees—1998; AS, Community College of the United States Air Force
Supervisor, Electrical and General Trades: Mark Wright—1988
Supervisor, Grounds: Doug Burker—2006; BA, Franklin College
Athletic Facilities Operations Manager: Adam Miller—2025

Vice President for Institutional Advancement: Nora Brems – 2008; BA, Franklin College
Director of Alumni Engagement: KaLeigh Lee—2024; BA, Franklin College; MA, IU Lilly School of Philanthropic Studies
Director of Communications: Beth Young—2026; BA, Indiana University-Purdue University Indianapolis
Director of Development and Planned Giving: David Dewitt—2024; BA, Franklin College; MBA, Indiana Wesleyan
Director of Advancement Services: Sherri Dunn-2015; BS, Indiana University-Purdue University Columbus
Director of Annual Giving and Stewardship: Jill Bode—2021; BS, Purdue University
Assistant Director of Alumni Communications and Events: Lauren Spina—2024; BA, Franklin College
Assistant Director of Development: Matthew Leming—2024; BA, Franklin College; MBA, Western Governors University
Assistant Director of Gift & Database Management: Megan Boner—2025
Associate Director of Operations: Brenda Ferguson – 2009; BA, Franklin College
Senior Communications Specialist: Amy VerSteeg – 2004; BA, Franklin College

Vice President for Student Development and Dean of Students: Andrew Jones-2019; BM, Butler University; MS, Butler University; Ed.D., Indiana University-Bloomington
Director of Student Engagement and Greek Life: Jill Peffley—2023; BS, University of Findlay, Ohio; MSEd, Ohio University
Assistant Director of Student Engagement: Kandra Sejas—2019; BA, Marian College; MA, Wright State University
Coordinator of Student Engagement and Greek Life: Carson Wirtz—2026; BA, Wabash College
Associate Dean for Student Success: Kellie Schmidt—2014; BA, Franklin College; MA University of St. Mary; MA, University of Indianapolis

Academic Resource Coordinator: Sarah Rogers—2021; BA, Indiana University; MA, Syracuse University
TRIO Program Director: Hannah Baysinger—2026; BS, University of Southern Indiana; MS, Oakland City University
TRIO Student Success Coach: Alexis Odle—2026; BS, St. Cloud State University
TRIO Project Coordinator: Molly Hansen—2026; BS, University of Indianapolis
Associate Dean of Students: Kathryn Dennehy—2020; BS, State University of New York College at Oneonta; MS, Indiana State University
Residence Life Area Coordinator: Leigha Fishburn—2024; BSSW, The University of Tennessee at Martin; MSEd, The University of Tennessee at Martin
Director of Counseling: Andrea Worthy, LCSW, LCAC—2024; BS, Ball State University; MSW, IUPUI
Counselor: Alex De St Jeor—2025; BS, Indiana University; MSW, Indiana University
Coordinator of Health Services: Katy Alexander, RN—2021; BA, Franklin College; BS, Indiana University School of Nursing
Project Coordinator: Daniel Kellen—2024, BA, Franklin College
Director of Belonging and Community: Taylor McElwain—2026, BA, Franklin College; MA, Baldwin-Wallace, PhD, Virginia Tech
Assistant Director of the Center for Diversity and Inclusion: Kalyn Johnson—2020; BA, Western Kentucky University; MA, Eastern Michigan University
Executive Assistant for Student Development: Austin Barker—2023; BA, Franklin College

Director of Athletics: Lance Marshall – 1997; BA, Elmhurst; MA, Rockford College
Assistant Director of Athletics & Senior Woman Administrator: Brittney Harvey—2024; BS, Tri-State; MS, Trine
Head Athletic Trainer: Chris Shaff – 2003; BA, Franklin College; MA, Valparaiso University
Sports Information Director: Ryan O'Leary – 2025; BA, University of Notre Dame
Head Coaches
Baseball: Lance Marshall – 1997; BA, Elmhurst College; MA, Rockford College
Men's Basketball: Chris Hamilton—2022; BA, Randolph-Macon College; MS, Mount St. Mary University
Women's Basketball: Ashley Blanch—2025; BS, Defiance College; MBA, Anderson University
Men's/Women's Cross Country: Brandon Dworak – 2017; BA, Wisconsin-Stevens Point; MA, Boise State University
Esports: Matthew Alter—2024; BA, Hanover College
Football: Mike Leonard—2024; BA, Hanover College; MAT Depauw University
Men's/Women's Golf: Kyle Dell—2022
Women's Lacrosse: Morgan Krause—2024; BS, St. Mary-of-the-Woods College
Men's Soccer: Josh Hughes—2024; BA, Hanover College
Women's Soccer: Jennifer Jackson—2022; BS Stetson University; MA, Shorter University
Softball: Brittney Harvey—2024; BS, Tri-State; MS, Trine University
Men's/Women's Swimming/Diving: TBA
Men's/Women's Tennis: Ryan Hammer-2022; BA, Franklin College
Men's/Women's Track & Field: Brandon Dworak – 2017; BA, Wisconsin-Stevens Point; MA, Boise State University
Men's/Women's Volleyball: Dillon Taylor—2024; BA, Indiana State University

FACULTY

Administrators and staff with faculty standing

President Kerry N. Prather – 1982; BS and MS in Education, Indiana University
Vice President of Academic Affairs and Dean of the College Kristin C. Flora – 2007, professor of psychology; BS, Valparaiso University; MS and PhD, University of Wisconsin - Milwaukee
Director of the Library Jessica M. Mahoney – 2011; associate professor; BA, Franklin College; MLS, Indiana University

Teaching Faculty

Economics, Business, and Accounting Department
Andrea Mescall—2021, assistant professor; BA, Franklin College; MBA, Indiana State University
Olawale Adisa—2024, assistant professor; BS, Covenant University; MS, University of Rome Tor Vergata; MA and PhD, Southern Illinois University
Ruchika Rungta—2024, assistant professor; BA, Rajdhani College; MA, Dr. B.R. Ambedkar University Delhi; MS and PhD, Auburn University
Leigh Hamer—2024, instructor; BS, Emerson College
Sharen Locklear—2025, assistant professor; BA, University of Northern Iowa; MBA, Georgia Southern University

Mathematics and Computing Department
Kerry D. Smith – 1996, professor; BA, Franklin College; MA, Miami University; PhD, Auburn University
Robert E. Beasley – 1997, professor; BS and MS, Illinois State University; PhD, University of Illinois
John P. Boardman – 2003, professor; BS, MS, PhD, Northern Illinois University
Justin M. Gash – 2008, professor; BA, DePauw University; MA and PhD, Indiana University
Angelina M. Walls – 2007, assistant professor; BA, Franklin College; MS, IUPUI
Stacy Hoehn – 2012, professor; BS, Xavier University; MS and PhD, University of Notre Dame
Paul Fonstad – 2012, professor; BA, Winona State University; MS and PhD, University of Wisconsin-Milwaukee

Education Department
Amy Schulz—2017, assistant professor; BA, Franklin College; MA, Indiana Wesleyan University; MS, Indiana University-Purdue University Indianapolis
Lana Jochim—2021, instructor; BA, University of Southern Indiana; MS, Indiana University-Purdue University Indianapolis
Reneae Staley—2024, instructor; BS, Indiana University-Purdue University Indianapolis; MS, Indiana University; EdS, Indiana State University; EdD, Oakland City University
Elizabeth Sanchez—2025, Practitioner in Residence-Elementary Education; BA, Franklin College

Exercise Science Department
Mark S. Britner – 1979, professor; BA, University of Evansville; MS, Indiana University
Kim K. Eiler – 2004, professor; BS, Biola University; MA, Manchester College; EdD, Auburn University
Kyra L. Noerr – 2013, professor; BS, MS, and PhD, IUPUI
Lanie Deppe—2024, instructor; BS and MS, Indiana University
Ashley Pieroni—2024, instructor; BA, Indiana University; DPT, Hanover College
Sam Linette—2024, instructor; BS, DePauw University; MA, Anderson University
Steven Kahl—2025, assistant professor; BS, University of Maryland; MS, McDaniel College; PhD, University of Maryland

Art Department
David Cunningham – 2007, artist in residence; BFA, University of Evansville; MFA, Indiana University

Dennis Kelley—2019, lecturer; BA, Wabash College
Randi Frye—2020, assistant professor; BS, Indiana Wesleyan University; MFA, Syracuse University
Barry Barnes—2023, assistant professor; BFA, Kansas City Art Institute; MFA, Arizona State University

Music Department

Casey J. Hayes – 2009, professor; BME and MM, Butler University; PhD, New York University
Eric DeForest – 2012 assistant professor; BM, The State University of New York at Fredonia; MM, West Virginia University; DMA, The University of Texas at Austin
Jonathan Rice—2019, lecturer; BA, Northeastern State University; MM, University of Arizona; MM, Texas Tech University; ABD, Texas Tech University

Theatre Department

Robin E. Roberts – 2004, professor; BA, Clemson University; MA, University of South Carolina; MFA, Southern Illinois University
Gordon R. Strain – 2006, artist in residence; BFA, Ithaca College; MFA, Indiana University
Scott Russell—2023, instructor; BS, Belmont University; MFA, University of Arkansas

English Department

Richard J. Erable – 2001, professor; BA, California State University; MA and PhD, Marquette University
Susan Crisafulli – 2008, professor; BA and BS, Presbyterian College; MA, University of Tennessee; PhD, Vanderbilt University
Katie Burpo – 2014, assistant professor; BA, DePauw University; MFA, Western Michigan University
George Phillips – 2015, associate professor; BA, Emory University; MA and PhD, University of Kentucky
Emily Banks—2022, assistant professor; BA, University of North Carolina at Chapel Hill; MFA, University of Maryland; PhD, Emory University
Anna James—2023, assistant professor; BA, University of Toronto; MA and PhD, University of Virginia
Tea Franco—2025; instructor; BA, Winthrop University; MFA, Bowling Green State University

Modern Language Department

Sara N. Colburn– 2001, professor; BA, Ripon College; MA, Middlebury College; PhD, Indiana University
Daniel T. Alsop – 2007, professor; BA and MAT, Indiana University; PhD, Purdue University
William Jarrod Brown – 2012, professor; BA, Centre College; MTS, Duke Divinity School; MA, University of Notre Dame; MA and PhD, University of Kentucky

Philosophy and Religion Department

James R. Alexander – 2010, associate professor; BA, Franklin College; MTS, Vanderbilt University Divinity School; PhD, IUPUI
Benjamin Kenofer—2026, visiting assistant professor; BS, Portland State University; MA, University of North Florida; PhD, Michigan State University

Journalism, Pulliam School

John L. Krull – 2004, professor; BA Franklin College; MA, St. Louis University
Ryan Gunterman—2017, Executive Director of the Indiana High School Press Association; BS, Indiana University
Scott McDaniel—2022, assistant professor; BA, Butler University; MA, Indiana University
Miranda Carter—2024, assistant professor; BS, University of Idaho; MA, Gonzaga University

Biology Department

Benjamin J. O'Neal – 2010, professor; BA, Anderson University; MS and PhD, University of Illinois
Katharine Harris—2019, associate professor; BS, Purdue University; PhD, University of Pittsburgh
Michelle Marasco—2021, assistant professor; BA, Hanover College; MS, University of Utah; PhD, Indiana University

Johnica Winter—2024, assistant professor; BS and MS, Midwestern State University; PhD, University of Nebraska-Lincoln

Wendy Cain—2024, assistant professor; BS, Olivet Nazarene University; MS, Purdue University; PhD, Capella University

Emily Galloway—2026; assistant professor; BS, Eastern Michigan University

Chemistry and Physics Department

Arbin Thapaliya – 2016, associate professor; BS and MS, Tribhuyan University, Nepal; MS and PhD, Ohio University

Hilary Florian—2020, assistant professor; BS, Pennsylvania State University; PhD, Purdue University

Kudadkwashe Shumba—2025, assistant professor; BS, National University of Science and Technology

Sarah Wilder—2026, assistant professor; BS, Georgia College & State University; PhD, Indiana University

History Department

Meredith Clark-Wiltz – 2011, professor; BA, University of Louisiana; MA, Bowling Green State University; PhD, The Ohio State University

Lourdes Hurtado – 2012, professor; BA, Universidad Nacional Mayor de San Marcos; MA and PhD, University of Notre Dame

Katie Streit—2020, associate professor; BS and BA, Newman University; MA and PhD, University of Houston

Xuening Kong—2025, instructor; BA, Capital Normal University; MA, University of Buffalo; PhD, Purdue University

Political Science Department

Randall D. Smith – 2009, professor; BA, Quincy University; MA, University of Illinois at Springfield; PhD, University of Illinois at Chicago

Aaron Hommell—2024, instructor; BA, Franklin College; JD, Mississippi College

Psychology Department

Jamie L. Bromley – 2009, professor; BA, University of Dallas; MA, Duquesne University; PhD, The University of Akron

William Eiler—2017, associate professor; BA, BS, MS, and PhD, Indiana University-Purdue University Indianapolis

Alanea Graci—2025, assistant professor; BS, Tennessee Technical University; PhD, University of Louisville

Sociology Department

Jason B. Jimerson – 2002, professor; BA, Earlham College; MA, University of Virginia; PhD, University of Chicago

Katherine Copas—2026, assistant professor; BA, Ohio Northern University; MA, University of Illinois; MS, Northwestern University

<u>Master of Science in Athletic Training (MSAT)</u>

Katherine M. Remsburg—1999, professor of athletic training; BS University of Indianapolis; MA, Illinois State University

Samantha Hacherl—2023, MSAT program director and assistant professor; BS, MS, and PhD, George Mason University

Chris Shaff—2003, assistant clinical professor; BA, Franklin College; MA, Valparaiso University

<u>Master of Science in Physician Assistant Studies (MSPAS)</u>

Brittany LaBonte, PA-C--2018, associate professor PA-C; BS, Franklin College; MS, University of Saint Francis

Megan Walters—2021, assistant professor; BS, University of Wisconsin Stevens Point; MS, Marywood University

Jennifer Simmons--2021, assistant professor and clinical coordinator; BS and MS, Indiana University-Purdue University Indianapolis

Abby Clemons—2024, assistant professor; BS, Indiana University; MMS, Midwestern University
Christopher Howell—2026, MSPAS Program Director and associate professor; BS, Southern Nazarene University; MBA, Southern Nazarene University; BS, University of Nebraska; MS, University of Nebraska; DSc, Baylor University; MMOAS, Air Command and Staff College

Faculty Emeriti
Linda J. Airey – 1997-2017, professor emerita of education
Daniel T. Andrews – 2001-2018, professor emeritus of accounting
J. Scott Armacost – 1991-2013, professor emeritus of accounting
Diana Bartnick-Schmidt – 1983-2000, professor emerita of education
Raymond Begovich—1999-2020, professor emeritus of journalism
Raymond M. Bragiel – 1979-1995, professor emeritus of psychology
Steven K. Browder—1978-2017, professor emeritus of biology
Clifford C. Cain – 1981-2010, professor emeritus of religion
G. Daniel Callon—1987-2026, professor emeritus of mathematics
David C. Carlson—1978-2019, professor emeritus of philosophy and religion
Kathleen D. Carlson – 1979-2015, professor emerita of English
David H. Chandler—1981-2017, professor emeritus of philosophy
Joel E. Cramer—185-2023, professor emeritus of journalism
Dennis A. Cripe – 1992-2009, professor emeritus of journalism
Luigi Crispino – 1966-1995, professor emeritus of art
James R. Curry – 1970-2008, professor emeritus of biology
Barbara J. Divins – 1995-2011, professor emerita of education
Susie B. Fleck – 1990-2005, professor emerita of journalism
Timothy L. Garner—1986-2021, professor emeritus of sociology
Richard L. Gawthrop – 1992-2018, professor emeritus of history
Priscilla A. Grant – 1961-1973, associate professor emerita of Spanish
Ralph P. Guentzel—1999-2020, professor emeritus of history
Sally Hanley – 1984-2004, professor emerita of history
Alice Heikens—1991-2025, professor emerita of biology
J. Thomas Howald – 1968-2013, professor emeritus of philosophy and religion
Lloyd A. Hunter – 1978-2005, professor emeritus of history
Virginia D. Johnson-Kappes – 1977-2009, professor emerita of physical education
Nazir A. Khatri – 1989-2018, professor emeritus of chemistry
George V. Launey – 1970-2001, professor emeritus of business
Yu-Long Ling – 1972-2009, professor emeritus of political science
Henry J. Nuwer—2002-2020, professor emeritus of journalism
Daniel E. Poe – 1966-2008, professor emeritus of English
William J. Pohley – 1979-2008, professor emeritus of biology
Svetlana Rakić – 1996-2023, professor emerita of art
Bonita R. Pribush – 1981-2014, professor emerita of mathematics
Samuel B. Rhodes—1986-2017, professor emeritus of biology
Ronald L. Schuetz – 1985-2016, professor emeritus
Emily A. Stauffer – 1983-2015, professor emerita of English
Doreen St. Clair – 1970-2000, professor emerita of physical education
John N. Stevens – 1985-2009, professor emeritus of economics
James C. Williams – 1983-2018, professor emeritus of business
John E. Wood – 1986-2011, professor emeritus of political science

Franklin College Contact Information

Business Address: Franklin College
101 Branigin Boulevard
Franklin, Indiana 46131-2623

Phone: (317) 738-8000 (switchboard)

Fax:		
	Department Fax: President	(317) 738-8013
	Department Fax: Academic Affairs	(317) 738-8013
	Department Fax: Academic Records	(317) 738-8022
	Department Fax: Academic Resource Center	(317) 738-8284
	Department Fax: Admissions	(317) 738-8274
	Department Fax: Athletics	(317) 738-8248
	Department Fax: Business Operations	(317) 738-8294
	Department Fax: Campus Minister	(317) 738-8751
	Department Fax: Career Services & Prof. Dev.	(317) 738-8810
	Department Fax: Development & Alumni Engagement	(317) 736-6030
	Department Fax: Employee Resources	(317) 738-8738
	Department Fax: Financial Aid	(317) 738-8072
	Department Fax: Information Technology	(317) 738-8146
	Department Fax: Library	(317) 738-8787
	Department Fax: Marketing & Communications	(317) 738-8175
	Department Fax: Physical Facilities	(317) 738-8099
	Department Fax: Security	(317) 738-8315
	Department Fax: Campus Life	(317) 738-8097

Franklin College on the Internet: www.franklincollege.edu

Index

Academic Advising....36
Academic Calendar....377
Academic Dishonesty and Plagiarism....35
Academic Policies and Procedures....35
Academic Probation, Suspension and Dismissal....37
Academic Resource Center....28
Academic Scholarships & Awards....15
Academic Success & Opportunity Courses....81
Accounting (Major & Minor)....82
Accreditation....4
Activity Courses....37
Add-Drop Procedures and Schedule Adjustments....38
Administration....380
Admission Requirements....5
Advanced Placement (AP)....39
Appeals....20, 36, 50
Applied Music Lessons....258
Armed Forces Credit....58
Art (Majors and Minors)....87
Art Course Fees....10
Assessment....41
Athletic Participation & Eligibility....41
Attendance....41
Auditing a Course....10, 42
Biology (Majors & Minors)....102
Biomedical Physics Minor....137
Board of Trustees....378
Business (Majors and Minor)....118
Career Development....28
Center for Diversity and Inclusion....32
Chemistry (Majors & Minors)....132
Class Level....42
Class-related Activities....42
Coaching Minor....201
College-sponsored Activities....42
Commencement....41
Computing (Majors & Minors)....149
Consortium for Urban Education (CUE, cross registration)....42
Convocation Program....42
Cooperative Programs....60
- Costs and Financial Aid....60
- Engineering – Marian....60, 184, 238
- Medical Laboratory Science – IU Health....60, 245
- Nursing-UIndy....60, 110, 139, 198, 269, 292
- Professional School Degree....60
- Public Health....61, 110, 139, 292, 299

Co-op Semester....43
COR courses....81
Counseling Center....29
Course Load....43
Course Numbering....43
Creative Writing (Major & Minor)....186
Credit Hour Definition....43
Criminal Justice Track, Sociology Major....316
Cross Registration....42
Curriculum....64

Data Science (Major & Minor)....160
Dean's List....45
Degree Application and Senior Audits....45
Degree Requirements....65
Dentistry, pre-professional....109
Dependent Students....33, 46
Digital Fluency Endorsement....163
Directory Information, FERPA....46
Disability Services....29
Earth Science....148
Economics (Majors & Minors)....165
Education (Major & Program)....173
Education Fees....10
Engineering....60, 184, 238
English (Major & Minor)....183
Entrepreneurship (minor)....125
Exercise Science (Major)....197
Expenses....9
Exploratory Courses....69
Faculty....383
Federal Assistance....17
Fees....9
FERPA....46
Final Exam Information....47
Financial Aid....15
Financial Clearance....11
Financial Policies....11
Fitness Minor....201
Foreign Language Placement Tests....47, 54, 212, 322
French (Major & Minor)....212
Full-time Students, Fees....9
Geography (Human World)....320
Global Education Programs....62
Grading and Credit System....48
Grading Changes and Challenges....50
Graduate Policies and Programs....342
Graduation Honors....50
Grants....16
Health Services....30
History (Major & Minor)....218
Immersive Term....9, 13, 74
Incomplete Grades....48
Independent Study....51
Individualized Major....51, 226
Individualized Minor....52
Intercultural Honors Experience (IHE)....16, 62
International Baccalaureate Examination Credit (IBO)....52
International Relations Minor....280
International Students....6
International Travel Scholarship....15
Internship Program....53
Leadership Minor....229
Leadership Studies Program....228
Liberal Arts Courses....67
Library, B. F. Hamilton....28
Loans....18
Majors, Academic....36
Master of Science in Athletic Training....346
Master of Science in Physician Assistant Studies....359
Mathematics (Majors & Minors)....233
Mature Students....7, 10, 11

Medical Laboratory Science – IU Health....109, 138, 245
Mid-term Grades....54
Mission Statement....3
Multimedia Journalism (Major & Minors)....247
Music (Major & Minor)....254
Neuroscience (Major & Minor)....266
New Student Programs....30
Non-Discrimination Policy....4
Non-Traditional Credit....54
Off-Campus Courses....55
Nursing....269
Parent Notification Policy....33
Part-Time Students, Fees....9
Payment of Fees....11
Pharmacy, Cooperative Program....109, 138
Philosophy (Major & Minor)....271
Plagiarism....35
Political Economy (Major & Minor)....167, 279
Political Science (Major & Minor)....277
Practica....55
Pre-Law Curriculum....286
Pre-Physician's Assistant Studies....110
Pre-Professional Programs....55, 109, 138, 182, 292
President's List....56
Private Voice Lessons Fee....10, 258
Project Management (Certificate)....288
Professional Development....77
Professional Writing (Minor)....190
Psychology (Major & Minor)....289
Public Health....60, 110, 139, 292, 299
Public Relations (Major & Minor)....301
Pulliam School of Journalism....247, 301, 329
Readmission....7, 56
Reduction of Fees....12
Registration....57
Religious Studies (Major & Minor)....308
Religious Life Program....33
Repeating a Course....49
Residence Life....33
Running Start Program....8, 10, 11
Satisfactory Academic Progress....19
Satisfactory Progress toward a Degree....57
Scholarships....15
Second Bachelor's Degree....57
Security....33
Senior Competency Practicum....57
Senior Degree Audit....45
Senior Residence....57
Sociology (Majors & Minor)....314
Spanish (Major & Minor)....322
Sports Communication (Major)....329
State of Indiana Assistance....18
Strength and Conditioning (minor)....202
Student Life....28
Student Organizations....34
Student Teaching....174
Study Abroad, Financial Aid....15, 62
Substitutions, Liberal Arts & Exploratory Courses....74
Summer School Fees....9, 13
Teacher Licensure....175
Testing Out of Courses....57

Theatre (Major & Minor)....335
Transfer Policy....5, 58
Trustees....378
Tuition Exchange....19
Undergraduate Research....44, 75
Values of the College....3
Veteran and Military Affairs....58
Veterans Benefits....19
Visual Communications Minor....250
Withdrawal....12, 38, 59
Women's Studies....341