



Franklin College

Academic Course Catalog

2023 - 2024

Franklin College
101 Branigin Boulevard
Franklin, Indiana 46131-2623
317.738.8000
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The Academic Course Catalog is located on
the Franklin College website at
<http://www.franklincollege.edu/catalog>

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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, musical and theatre productions and more than 40 student organizations.

For more information, visit **FranklinCollege.edu**. Find us on Facebook and follow **@FranklinCollege** on Twitter. 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 innovating 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 every-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 science including a lab science, 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. Recommendation Form
2. Personal Statement or Written Essay
3. Resume

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. **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 or the Common Application. Admission decisions regarding transferring students are based upon the academic record at the post-secondary institution(s) and the secondary school. 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.

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 90 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.

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 https://pursue.franklincollege.edu/portal/apply_nd. 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).

Readmission Readmission applies to students who previously attended Franklin College and withdrew in a prior semester, but also applies to those students enrolled and withdrawn in the current semester. 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 https://pursue.franklincollege.edu/portal/apply_ra. **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 policies 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. 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.

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 https://pursue.franklincollege.edu/portal/apply_nd, 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 https://pursue.franklincollege.edu/portal/apply_nd, 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 https://pursue.franklincollege.edu/portal/apply_rs. 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 \$465. 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 2023-2024

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

Tuition Deposit	\$200
International Student Deposit.....	\$500
Tuition (12 to 20 hours per semester)	\$36,600
Immersive Term Tuition (for students starting in Immersive Term).....	\$475
Room:	
Basic Occupancy	\$6,510
Double as a Single Occupancy	\$8,510
Cancellation of housing contract after June 1	\$500
Cancellation of housing contract after occupancy	\$1,628
Immersive Term (for students starting in Immersive Term)	\$550
Board:	
Comprehensive Meal Plan (excluding Immersive Term)	\$4,780
14 Block Meal Plan (excluding Immersive Term).....	\$4,670
Limited 10 Block Meal Plan (excluding Immersive Term).....	\$4,240
Griz 5 Meal Plan.....	\$510
Griz 50 Meal Plan.....	\$430
Immersive Term.....	\$495
Student Activity Fee.....	\$200
Student Services Fee.....	\$550
Extra Hours Fee per Credit (over 20).....	\$465

Part-time Student

Tuition per Credit Hour	
4 Credit Hours or Less	\$530
5-11 Credit Hours.....	\$1,350
Student Activity Fee per Credit Hour	
4 Credit Hours or Less	\$0
5 - 11 Credit Hours.....	\$7
Student Services Fee per Credit Hour	
4 Credit Hours or Less.....	\$0
5-11 Credit Hours.....	\$22
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 2024)

Tuition per Credit Hour	\$260
Room, Double Occupancy	
Summer I (May 31-June 30).....	\$350
Summer II (July 5-August 4)	\$350
Intersession Housing	
Intersession I - May/June.....	\$110
Intersession II – July.....	\$0
Intersession III – August.....	\$210

Transition to Teaching Course Fees

Non-refundable application fee due upon provisional acceptance to the program.....	\$100
Individual Courses (excluding EDUT 489) for Franklin College graduates (per credit hour)	\$420
EDUT 489 (student teaching) for Franklin College graduates	\$1260
Individual Courses (excluding EDUT 489)for non-Franklin College graduates (per credit hour).....	\$475
EDUT 489 (student teaching) for non-Franklin College graduates	\$1425

Other Educational Fees

High School Advanced Program / Running Start:

Tuition per Course (maximum of two, 4 credit hour courses or less)	\$465
Tuition per Credit Hour for courses greater than 4 credits	\$120
Lab fee for science courses.....	\$75
Audit Fee (per course, max of two courses per semester)	\$205

Mature Students Registration Fee per Semester

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 135 3D Foundations (nonrefundable).....	\$50
ART 140 & ART 240 Graphic Design I-II(nonrefundable).....	\$10
ART 345 & ART 445 Graphic Design III-IV (nonrefundable).....	\$15
ART 170 Painting I (nonrefundable)	\$125
ART 270, 370, 470 Painting II-IV (nonrefundable).....	\$50
ART 175, 275, 375, 475 Ceramics I-IV (nonrefundable)	\$85
ART 190, 290, 390, 395 Digital Fine Art Photography I-IV (nonrefundable)	\$10
BIO/CHE 390 Professional Development Planning	\$20
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 366, 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/SST 489 (Student Teaching Fees).....	\$50 plus \$500 (as noted below)
EXE 222 First Aid and CPR/AED for the Professional Rescuer.....	\$45
PED 004 Activity Credit –Bowling.....	\$60
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
POL 275 Law & Politics in American Society	\$200
SPA 111 Elementary Spanish II	\$30
SPA 210 Intermediate Spanish I	\$30
SPA 312 Pronunciation for Communication.....	\$60
SPA 315 Advanced Grammar and Composition	\$50
THE 235 Scenic Painting (nonrefundable).....	\$100
THE 236 Production Design (nonrefundable)	\$50
Student Teaching Fee (EST 489 and SST 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	\$4,000
Program Abroad: Non-FC Partner or ISEP program (semester)	\$5,000

Other Institutional Fees

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

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

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 \$465 per course. A student may take no more than two courses per semester. Running Start students taking courses with labs are charged a \$75 lab fee. Courses over 4 credits will be charged an additional \$120 per credit hour.

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/campus-resources/business-office/> or [here](#) 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

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 25% 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 first day of classes, 100.0%
- After the first 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 \$1500 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, Transition to Teaching application 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.

Note: Students enrolled in a Franklin College graduate program are not eligible for institutional scholarships and grants.

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 sites for approximately 5-20 hours per week.

Army ROTC Scholarships—Four, three, and two-year Army ROTC Scholarships will pay up to full tuition and fees at Franklin College. In addition, an annual payment of \$450 for books and \$1,500 general subsistence allowance are added for each school year the scholarship is in effect.

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 a loan entrance interview 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 a loan entrance interview 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 grant assistance to eligible Indiana residents.

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 or Renewal FAFSA by April 15 each year. Full-time enrollment is required to receive many of these grants.

The Indiana CHE Division of Student Financial Aid 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 seeking a career in special education is available. Applications are available via <https://www.in.gov/cbe/4498.htm>. Full-time enrollment is required to receive any of these awards.

Other Financial Aid

Campus Employment - Students work 5-15 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 \$23,671.94 (2018-2019) 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 ($120 \times 1.5 = 180$).

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 $\frac{3}{4}$ 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 ($60 \times 1.5 = 90$).

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
90–100	A	4.00
87–89.99	A-	3.67
83–86.99	B+	3.33
80–82.99	B	3.00
77–79.99	B-	2.67
73–76.99	C+	2.33
70–72.99	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 (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 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 ($111 \times 1.5 = 166.5$).

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 (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 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.

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://www.franklincollege.edu/student-life/student-handbook>.

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 student learning. The library provides a variety of print and electronic resources supportive of the curriculum, along with guidance in the discovery, evaluation, and use of resources through classroom instruction and individual research consultations.

Open until midnight five nights a week, Hamilton Library houses three floors of resources with 90,000 books and 6,000 videos. Additionally, the library's website provides access to more than 92,000 ebooks, 17,000 full-text journals and newspapers and over 14,000 streaming videos. The library offers several seating options for 275 students, including study carrels, group study rooms, casual study areas, and two computer labs. Wireless networking throughout the building supplies internet access to the Franklin College community.

HamiltonONE, the library's first floor, is an innovative collaboration between the Student Development and Academic Affairs Divisions, and provides a wide range of academic support to students through the Academic Resource Center, the Center for Student Success and Retention, and Library Services. Enhanced support for students is provided through cubbies on the second floor that facilitate group study but also provide specialized technology--a green wall for recording presentations in one, and a large monitor in the other to make collaboration easier. Both rooms, as well as two smaller ones in the same location, can be used as "Zoom rooms." A lactation room is available on the second floor as well.

Also housed in Hamilton Library are the Archives and Special Collections, with three distinct components. 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.

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 professional counseling to full-time students. Due to licensing restrictions, students must be in Indiana during counseling sessions, although counselors can meet for consultation support when students are out of state. Students may seek counseling for a variety of psychological and emotional issues. The center also offers workshops, events, and 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 a personal panel of advisers 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 Adviser: Academic Advisers 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'll attend sessions that will grease your personal growth gears. In one, you'll reflect on your educational past, what's worked, what hasn't and how to make the most of your college career. In another, you'll look to the future and learn to empower yourself for success in your academic, social and professional lives.

- Welcome your parents/guardians to the community: Registration Day features several sessions specifically for parents. They can attend talks on topics like financial aid and how best to support you during the next four years.
- Take care of some logistics: Take your photo for your student ID, register for classes, preference your first-year seminar 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 sacred 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 Student Activities Fair, attend sessions that provide valuable tools and resources for success, meet your Launch Team and First-Year Seminar classmates for the first time.
- **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 solely based on your personal passions. While you examine a topic like 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 tribe 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, how to fail resiliently, how to center your body and mind and how to make the most of your strengths. While most weeks you'll meet exclusively with your First-Year Seminar class, the entire first-year class will attend Launch Lab together three times during the semester during Community Hours, covering topics like:

- **Transitioning to Franklin College:** What to expect as you adjust to college life
- **Taking Care of Yourself:** Assessing and caring for your physical and emotional health
- **Valuing Others:** Expressing gratitude, fostering inclusivity and creating community

Launch Team

Get ready to meet your personal panel of success advisers. Your Launch Team is a hand-selected group of four people dedicated to helping you succeed at Franklin College. You'll meet with your Launch Team often 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 Academic Adviser is a faculty member who is here to challenge and inspire you as you define your academic goals, develop a four-year plan to achieve them and adjust that plan to match your goals and vision for the future.
- Your First-Year Seminar Instructor already shares a passion with you; he or she has crafted a course around a topic that you get to select based on your own interests. On top of that, this person will get to know you deeply –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, but will also spark deeper conversations about your life goals and passions and how you can manifest them on campus and in the community.
- Your New Student Advocate facilitates the Launch Lab and will get to know other facets of you as you explore your strengths, passions and holistic wellbeing in a weekly lab that empowers your personal growth.

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, academic resources and a great place to hang out.

Visit HamiltonONE to meet with the director of first-year engagement and the information literacy 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: The official ‘Launch Headquarters’ and the team committed to seeing you personally, academically and socially thrive at Franklin College.
- FC Cares: A cross-functional team of staff who work to help students who are struggling with anything that might be a barrier to success at college. This group creates individual action plans to help you thrive.
- Launch Mentor office hours: Need some advice or just a friendly face? Launch Mentors hold walk-in office hours 35 hours a week.
- 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.
- Research: Schedule a research conversation to ensure that you’ve consulted the best sources and know how to cite them. The research librarian is here to work with you throughout college.
- 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. The Center for Diversity and Inclusion offers a wide variety of programs and services for the Franklin College campus including the B.O.S.S. (Building Opportunity through Support and Structure) Mentoring Program, Diversity Advocates, Brother to Brother, Diversity Workshops/Trainings, Resource Library, Diversity Programming Support/Consultation, Academic Assistance, Mentoring & Support, Safe Zone Training, Multicultural Organization and Advisor Support and oversees the Multicultural Lounge and the Center for Diversity & Inclusion.

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 safe environment for students to put into practice the beliefs of their various religious and spiritual traditions. Students are invited to develop their spiritual lives through chapel events, workshops, field trips, discussion groups, and programs designed to engage students of any religious background. 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. All Religious Life activities are optional, and students will not be asked to participate beyond their comfort level.

Rev. Dr. Hannah Adams Ingram serves as College Chaplain and is available to meet with members of the campus community to discuss spiritual life, religious questioning, vocational discernment, and more. Meetings can be scheduled by e-mail at HAdamsIngram@franklincollege.edu. The Religious Life offices and student lounge are housed on the second floor of the Chapel and are open daily for student use. There is also an interfaith prayer and meditation room available on the lower floor of the chapel. FC students, faculty, and staff may request to be added to the Religious Life mailing list in order to receive e-mails detailing Religious Life activities.

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-resources/student-handbook/>.

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. Fraternity houses are staffed by student paraprofessionals (House Directors) who are trained and supervised by the Director of Student Involvement and Greek Life.

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 and six full-time officers. A full-time 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 Involvement

MISSION STATEMENT: Guided by the spirit of the Franklin College mission and values, the Center for Student Involvement serves students through engagement opportunities. We are mentors, advisers and educators. Through attentiveness to student needs, we seek to create transformative experiences, a vibrant community and life-long memories.

GUIDING PRINCIPLES:

- Support students in pursuit of their passions
- Preserve and celebrate Franklin College's historic and new traditions
- Empower students to be active participants in the co-curricular experience
- Create accessible, diverse and inclusive opportunities and environments
- Help develop life-long skills, such as critical thinking, social responsibility, the valuing of difference, problem solving, communication and leadership
- Provide a fun, lively and community-driven atmosphere that enhances the Griz journey

VISION STATEMENT: The Center for Student Involvement will connect every student to Franklin College through purposeful engagement.

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.

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.

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.

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 15th 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
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 140 & 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
Economics: Macroeconomics	ECO XXX (3 cr)	ECO 115 (or ECO XXX 3 cr if only score 3 or higher on one of the two ECO exams)
Economics: Microeconomics	ECO XXX (3 cr)	ECO 115 (or ECO XXX 3 cr if only score 3 or higher on one of the two ECO exams)
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) <i>(will satisfy one course in Category C of the History curriculum)</i>
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) <i>(fulfills foreign language requirement)</i>
Italian	LAN XXX (4 cr)	4= LAN XXX (8cr); 5= LAN XXX (12 cr) <i>(fulfills foreign language requirement)</i>
Japanese	LAN XXX (4 cr)	4=LAN XXX (8 cr); 5=LAN XXX (12 cr) <i>(fulfills foreign language requirement)</i>
Latin	LAN XXX (4 cr)	4=LAN XXX (8 cr); 5=LAN XXX (12 cr)
Music Theory	MUS XXX (3 cr)	MUS 110
Human Geography	GEO 220	GEO 220
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
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
Drawing	ART XXX (3 cr)	ART 160
2-D Art and Design	ART XXX (3 cr)	ART 130
3-D Art and Design	ART XXX (3 cr)	ART XXX (3 cr, <i>fulfills Creative Arts exploratory</i>)
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 205

*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 Assistant 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 and the Academic Advisory Council 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 three and twelve credit hours; however, typical internships carry 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. 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.

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) 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 he or she has 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 30 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 involved**.
2. The VPAA will consult with both parties together or separately in an effort to resolve the problem.
3. Should the resolution be unsatisfactory to the student or faculty member, either party may submit a written appeal to the Academic Appeals Committee of the faculty within 10 calendar days of the decision of the VPAA.
4. After meeting with the faculty member, the student and VPAA, the Academic Appeals Committee will rule on the case. The student and faculty member 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.

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.

- IB credits taken in the Diploma Programme
 - 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
<i>In order to earn credit for FRE 110 and 111, student must take FRE 211 at FC and earn a C- or better.</i>			
French (HL)	6	FRE 211	4
<i>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.</i>			
French (HL)	7	FRE XXX (300-level)	4
<i>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.</i>			
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
<i>In order to earn credit for SPA 110 and 111, student must take SPA 211 at FC and earn a C- or better.</i>			
Spanish (HL)	6	SPA 211	4
<i>In order to earn credit for SPA 110, 111, and 210, student must take SPA300-level at FC and earn a C- or better.</i>			
Spanish (HL)	7	SPA XXX (300-level)	4
<i>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.</i>			
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. 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 the final class day of the fall semester. 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 last day of finals of the fall semester. Those not submitting the internship application prior to the end of the first day 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 advisors, Professors Allison Fetter-Harrott and 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 "3+2" program with the Purdue University School of Engineering and Technology at Indiana University-Purdue University Indianapolis (IUPUI). Students in this program earn a B.A. degree from Franklin College in Applied Mathematics and a B.S. degree from Purdue University in one of three engineering fields, typically in the span of five years. The engineering degrees available through this program are: Computer Engineering, Electrical 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 https://pursue.franklincollege.edu/portal/apply_ra. **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 full-time 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 packages are 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 IUPUI 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 IUPUI (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 IUPUI. For a complete list of requirements, refer to the section on Accelerated Master of Public Health and contact the AMPH faculty advisors: Jason Jimerson, Arbin Thapaliya, and Allison Fetter-Harrot.

Army Reserve Officer Training Corps (ROTC) Program

Franklin College students may participate in the Army Reserve Officer Training Corps (ROTC) at the Indiana University-Purdue University Indianapolis (IUPUI) campus. IUPUI, located in downtown Indianapolis, is approximately 35 minutes from the Franklin College campus.

Through a cooperative program called the Consortium for Urban Education, Franklin College students may pursue the Reserve Officer Training Corps (ROTC) program which leads to a commission in the U.S. Army, Army National Guard, or Army Reserves. Franklin College is a cross-enrolled school through the Army ROTC Program. All ROTC classes taken and passed with a C- or above are applied as general elective credits at Franklin College.

The leadership and management classes are open to men and women who are full-time students. Students may take the first two years of Army ROTC without a military obligation. The first two years are exploratory in nature and offer one to two hours of academic credit per semester. Students who want to continue through the program and receive a commission upon graduation apply for admission into the advanced program at the end of the second year of ROTC. Selection is competitive. Franklin College students who are eligible for scholarships can receive significant scholarship assistance through participating in this program. There are no restrictions on majors for students interested in ROTC. Students who do not continue with the ROTC program may still use credits as electives earned toward any major.

Phone: 317-274-2691.

E-mail: armyrotc@iupui.edu

Website: <http://www.iupui.edu/~armyrotc/>

Students interested in participating should consult the Assistant Registrar in the Academic Records Office.

Engineering - Purdue University School of Engineering and Technology (IUPUI)

Franklin College maintains a cooperative "3+2" program with the Purdue University School of Engineering and Technology at Indiana University-Purdue University Indianapolis (IUPUI). Students in this program earn a B.A. degree from Franklin College in Applied Mathematics and a B.S. degree from Purdue University in one of three engineering fields, typically in the span of five years. The engineering degrees available through this program are: Computer Engineering (B.S.Cmp.E.), Electrical Engineering (B.S.E.E.), and Mechanical Engineering (B.S.M.E.).

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 3+2 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 IUPUI. 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.

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 completing all the elements of the program and receiving at least an 80% in the seminar, 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

<http://franklincollege.edu/academics/engaged-learning/global-education/intercultural-honors-experience-ihe-new/>

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 <http://www.franklincollege.edu/academics/global-education/> 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

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. 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 324 Scientific Communication and Public Engagement

BIO 365 Geographic Information Systems

BUS 300 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 Data Equity and Bias

ENG 485 Communications Consulting Project

EXE 341 Organization and Administration of Health Programs

MAT/SOC 224 Basic Applied Statistics

MAT/ECO/PSY/SOC 345 Statistical Consulting Project

MMJ/PRL/SPR 155 Video for Digital Journalism 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

SOC 315 Nonprofit Leadership Capstone

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. Attendance at workshops will be tracked using Presence via GrizLife.

- 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.

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
		<i>Individualized Major</i>

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

Accounting	English	Political Economy
Art History	Environmental Science	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	Rhetoric
Coaching	Mathematics	Software Engineering
Computer Science	Multimedia Journalism	Spanish
Creative Writing	Music	Theatre
Data Science	Neuroscience	Visual Communications
Economics	Nonprofit Leadership	<i>Individualized Minor</i>
	Philosophy	

Cooperative Programs:

Dentistry	Medical Lab Science	Public Health
Engineering	Pharmacy	

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	Transition to Teaching Program

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 (at least 6 credit hours). One of these two experiences must be an on-campus, immersive course during the student's first year at Franklin College. The second must be an off-campus immersive experience, 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 or independent study. Students cannot take a second on-campus immersive course to satisfy their second immersive-term experience. The number of immersive term credit hours 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

Liberal Arts Coordinator:

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
Diversity	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
Diversity	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, diversity, human behavior, international, reasoning & values, and scientific thinking. Permitted substitutions are listed at the end of the exploratory course options. Students may take up to two 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	<i>Environmental Issues (Fall)</i> <i>Prerequisite: LA 101</i>	3 credit hours
BIO 312	<i>Viruses and Viral Disease (Spring, even years)</i> <i>Prerequisite: D- or higher in BIO 140</i>	3 credit hours
BIO 320	<i>Conservation Biology (Fall, odd years)</i> <i>Prerequisites: BIO 134, BIO 140, & BIO 240</i>	3 credit hours
BUS/PDP/SOC 250	Personal Finance and Public Policy (Fall and Spring)	4 credit hours
EDU 210	Educational Philosophy, Law, & Ethics (Fall & Spring)	3 credit hours
ENG/NPL 485	<i>Communications Consulting Project (Fall)</i> <i>Prerequisite: LA 201 & senior standing</i>	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	<i>Nonprofit Leadership Capstone (Spring, odd years)</i> <i>Prerequisite: NPL/SOC 230</i>	4 credit hours
MAT 345	<i>Statistical Consulting Project (Spring)</i> <i>Prerequisite: MAT 224 or MAT 331</i>	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, & Spring even years)	4 credit hours
POL 225	State and Local Government (Spring, odd years)	4 credit hours
POL 234	American Political Participation (Fall, even years)	4 credit hours
PSY 330	<i>Psychology and Law (Fall, odd and spring, even years)</i> <i>Prerequisite: PSY 117</i>	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)	4 credit hours
ART 117	History of Art II (Spring)	4 credit hours
ART 130	Color and Design (Fall & Spring)	3 credit hours
ART 135	3D Foundations (Spring)	4 credit hours
ART 140	Graphic Design I (Fall & Spring)	4 credit hours
ART 160	Drawing I (Fall & Spring)	3 credit hours
ART 170	Painting I (Every Fall & Spring, even years)	3 credit hours
ART 175	Ceramics I (Every Fall and Spring, odd years)	3 credit hours
ART 190	Digital Fine Art Photography I (Fall & Spring)	3 credit hours
ART 230	Modern Art (Fall, odd years)	4 credit hours
CWR 150	Introduction to Creative Writing (Fall and spring) (Concurrent or prior enrollment in LA 101 recommended but not required)	4 credit hours
MUS 119	Introduction to Music (Fall & Spring)	4 credit hours
MUS 219	World Music (Fall)	4 credit hours
MUS 330	<i>Music History I (Fall, odd years)</i> <i>Prerequisites: MUS 110 & MUS 111</i>	4 credit hours
MUS 331	<i>Music History II (Spring, odd years)</i> <i>Prerequisites: MUS 110 & MUS 111</i>	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

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 (Fall and Spring)	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 (Fall & Spring)	1 credit hour
MUS 127	Percussion Ensemble (Spring)	1 credit hour

Diversity (3-4 hours credit)

Diversity 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 diversity 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 (Fall, odd years)	4 credit hours
DAT 110	Data Equity and Bias (Spring)	3 credit hours
EDU 315	<i>Human Diversity in the Classroom (Fall)</i> <i>Prerequisite: Admitted to El. Ed.)</i>	3 credit hours
ENG 234	<i>African American Literature (Spring, even years)</i> <i>Prerequisite: LA 101</i>	4 credit hours
ENG 235	<i>Native North American Literature (On demand)</i> <i>Prerequisite: LA 101</i>	4 credit hours
ENG/WST 236	<i>Gender and Sexuality in Literature (Fall, even years)</i> <i>Prerequisite: LA 101</i>	4 credit hours
ENG 238	<i>American Minority Literature (Fall, even years)</i> <i>Prerequisite: LA 101</i>	4 credit hours
EXE 425	<i>Exercise Prescription for Special Populations (Fall and spring)</i> <i>Prerequisites: ANAT 210/210L, ANAT 220/220L, EXE 234, EXE 372/372L & EXE 375</i>	3 credit hours
FRE 211	<i>Intermediate French II (Spring)</i> <i>Prerequisite: C- or better in FRE 210 or equivalent</i>	4 credit hours
GEO 220	Human World Geography (Fall & Spring)	3 credit hours
HIS 214	The South Atlantic World, 1400-1824 (Spring, even years)	4 credit hours
HIS 231	African American History (Fall)	4 credit hours
HIS/WST 332	<i>History of Women in the United States (Spring, odd years)</i> <i>Prerequisite: HIS 120, HIS 121, or consent of instructor</i>	4 credit hours
HIS 340	Global Military History (Fall, even years)	4 credit hours
KIN 310	Diversity and Inclusion 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
PSY 315	<i>Psychology of Diversity (Fall, even and Spring, odd years)</i> <i>Prerequisite: PSY 117</i>	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	<i>Intermediate Reading, Writing, and Discussion (Spring)</i> <i>Prerequisite: C- or better in SPA 210 or equivalent</i>	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.

ECO 115	Principles of Economics (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, & Spring even years)	4 credit hours
POL 120	Introduction to International Relations (Spring)	4 credit hours
POL 130	Introduction to Comparative Politics (Fall)	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 diversity requirement unless the course also appears on the diversity 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) <i>Prerequisite: LA 201</i>	4 credit hours
ENG 232	Greek Literature (Spring, odd years) <i>Prerequisite: LA 101</i>	4 credit hours
FRE 210	Intermediate French I (Fall) <i>Prerequisite: C- or better in FRE 111 or equivalent</i>	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 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) <i>Prerequisite: LA 102 or consent of instructor</i>	4 credit hours
HIS 355	Britain and Its Empire (Spring, even years) <i>Prerequisite: LA 102 or consent of instructor</i>	4 credit hours
HIS 356	Russian History (On demand) <i>Prerequisite: LA 102 or consent of instructor</i>	4 credit hours
HIS 357	The End of Empire (Spring, odd years) <i>Prerequisite: LA 102 or consent of the instructor</i>	4 credit hours
HIS 361	East Asian History (On demand) <i>Prerequisite: LA 102 or consent of instructor</i>	4 credit hours
HIS 365	History of the Middle East (Spring, odd years) <i>Prerequisite: LA 102 or consent of instructor</i>	4 credit hours
IHE 100	Intercultural Honors Experience Seminar (Spring) <i>Prerequisite: selection by committee</i>	4 credit hours
LAN 300	Topics in Language <i>Pending topic approval. Prerequisite: vary depending on course</i>	3 credit hours
MUS 219	World Music (Fall)	3 credit hours
SOC 330	Global Transformations (Spring, odd) <i>Prerequisite: SOC 118 or consent of instructor</i>	4 credit hours
SPA 210	Intermediate Spanish (Fall) <i>Prerequisite: C- or better in SPA 111 or equivalent</i>	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	<i>Bioethics (Fall)</i> <i>Prerequisite: BIO 114 or BIO 134</i>	<i>3 credit hours</i>
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	<i>History of Philosophy (Spring, odd years)</i> <i>Prerequisite: One additional PHL course</i>	<i>4 credit hours</i>
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	<i>Applied Human Physiology (Spring)</i> <i>Prerequisite: ANAT 210 & 210L</i>	<i>4 credit hours</i>
AST 110	Astronomy (Fall, odd years)	4 credit hours
BIO 114	General Biology (Fall & Spring)	4 credit hours
BIO 134	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	<i>General Physics I – Algebra & Lab (Fall)</i> <i>Prerequisite: MAT 131 or MAT 135 or consent of instructor</i>	<i>5 credit hours</i>
PHY 211 & 203	<i>General Physics I – Calculus & Lab (Fall, even years)</i> <i>Prerequisite: MAT 135</i>	<i>5 credit hours</i>

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 (at least 6 credit hours total) to meet graduation requirements. One of these two experiences must be an on-campus, immersive course during the student's first year at Franklin College. The second must be an off-campus immersive experience, such as an internship (which may be a new experience, a continuation of a fall experience, 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 or independent study. Students cannot take a second on-campus immersive course to satisfy their second immersive term requirement. 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 requirement. Students may do two study away experiences to satisfy both immersive-term immersive experiences. Transfer students entering Franklin College as sophomores (fewer than 58 hours) must satisfactorily complete six hours of immersive term experiences. Entering juniors (58-90 hours) must complete three hours of immersive term experiences 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 2022-23 catalog on page. 43.

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 adjustment 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	

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 250 Personal Finance and Public Policy		4 credit hours
Fall and Spring	Civic Learning exploratory	

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 250.

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		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.

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: S. Scheer

Department Members: E. Jones, A. Mescall, S. Scheer

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 examination.

Accelerated Track Information and Requirements

A full semester internship is possible in the spring of the 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 115 Principles of Economics
ECO 221 Intermediate Microeconomics
ECO 223 Intermediate Macroeconomics
MAT 131 Introduction to Quantitative Analysis

Related field requirements

BUS 341 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	

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 as well as concepts and issues of management accounting, budgeting, cost determination, analysis, and non-profit accounting. *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 other software programs.

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.

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

Internal Revenue Service Code and Regulations. Advanced aspects of income, deductions, and credits, especially as applied to individuals.

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

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 who wish to have ACC 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: 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. Some time will be spent on resume development and job search/interview strategies.

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 (ePortfolio). 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, S. Rakić

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, Graphic Design

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 Color and Design
ART 135 3D Foundations
ART 140 Graphic Design I
ART 230 Modern Art
ART 235 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 Portfolio Review
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 Fine Art Photography I
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 (if used as *Art Issues* course, must be a different

one)

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 Color and Design
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Fine Art Photography I
ART 230 Modern Art
ART 235 Contemporary Art
IMM 490 Clowes Visiting Artist Immersive Term Course
ART 499 Senior Comprehensive Exam

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
IMM 490 Clowes Visiting Artist Immersive Term Course (different from Core Requirements)

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: 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 Color and Design
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Fine Art Photography I
ART 230 Modern Art
ART 235 Contemporary Art
IMM 490 Clowes Visiting Artist Immersive Term Course
ART 499 Senior Comprehensive Exam

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
IMM 490 Clowes Visiting Artist Immersive Term course (different from Core Requirements)

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: 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 Color and Design
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Fine Art Photography I
ART 230 Modern Art
ART 235 Contemporary Art
IMM 490 Clowes Visiting Artist Immersive Term course
ART 499 Senior Comprehensive Exam

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
IMM 490 Clowes Visiting Artist Immersive Term course (different from Core Requirements)

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

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 Color and Design
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Fine Art Photography I
ART 230 Modern Art
ART 235 Contemporary Art
IMM 490 Clowes Visiting Artist Immersive Term Course
ART 499 Senior Comprehensive Exam

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
IMM 490 Clowes Visiting Artist Immersive Term Course (different from Core Requirement)

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: 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 Color and Design
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Fine Art Photography I
ART 499 Senior Comprehensive Exam

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 Abnormal Psychology
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 235 Contemporary Art

Two of the following courses

ART 130 Color and Design
ART 135 3D Foundations
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 190 Digital Fine Art Photography I
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 116** History of Art I: Ancient and Medieval Art
- ART 117** History of Art II: Renaissance to Modern Art
- ART 130** Color and Design
- 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 Fine Art Photography I
- 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

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

One of the following 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 Course Descriptions

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

A history of painting, sculpture, and architecture of the Ancient World and the Middle Ages - from Egyptian to Gothic art.

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

A history of painting, sculpture, architecture and photography in Europe and America from the 15th century to the present.

ART 130 Color and Design		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.

ART 135 3D Foundations		4 credit hours
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: \$50 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 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.

ART 170 Painting I		3 credit hours
Every Fall, and Spring even academic years	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
Every Fall, and Spring even academic years	Creative Arts exploratory	

This class is an exploration of functional and sculptural ceramic forms using traditional and contemporary hand-building techniques. This class assumes that the student has no previous knowledge of clay, glazes, or firing and thus requires students to learn a broad range of skills to be able to translate their ideas successfully into the clay medium. Studio format with lectures, demonstrations, group critiques, and individualized instruction. *Fee: \$85 nonrefundable.*

ART 190 Digital Fine Art Photography I		3 credit hours
Fall and Spring	Creative Arts exploratory	

This course provides the technical skills and ideological understanding necessary for the creation and appreciation of digital fine art photography. The semester is designed to build, cumulatively, from the absolute basics of camera controls, composition and light, to more advanced topics of the relationship between artist, audience and artwork. Studio format with lectures, demonstrations, group critiques, and individualized instruction. Digital camera is required. *Fee: \$10 nonrefundable.*

ART 230 Modern Art		4 credit hours
Fall, odd academic years	Diversity & Creative Arts exploratory	

A history of painting, sculpture, architecture, and photography of the 20th century.

ART 235 Contemporary Art		4 credit hours
Spring, even academic years		

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 format includes lectures, group discussion, and trips to museums and galleries.

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: \$10 nonrefundable.*

ART 260 Drawing II		3 credit hours
Fall 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.

ART 270 Painting II		3 credit hours
Fall even academic years, and every 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
Every fall, and spring even academic years		Prereq: ART 175

A continuation of ART 175, with added emphasis on exploring personal ideas with a variety of construction methods. Studio format with lectures, demonstrations, group critiques, and individualized instruction. *Fee: \$85 nonrefundable.*

ART 290 Digital Fine Art Photography II		3 credit hours
Fall and Spring		Prereq: ART 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. Digital camera is required. *Fee: \$10 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 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: \$15 nonrefundable.*

ART 370 Painting III		3 credit hours
Fall even academic years, and every spring		Prereq: 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
Every fall, and spring even academic years		Prereq: ART 275

A continuation of ART 275, this is an advanced ceramic experience where students are challenged to express unique personal ideas while developing individual style. Challenges include large scale and sequential work. Studio format with lectures, demonstrations, group critiques, and individualized instruction. *Fee: \$85 nonrefundable.*

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

A continuation of ART 290. *Fee: \$10 nonrefundable.*

ART 395 Digital Fine Art Photography IV		3 credit hours
Fall and spring		

A continuation of ART 390. *Fee: \$10 nonrefundable.*

ART 445 Graphic Design IV		4 credit hours
Fall and Spring on demand		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: \$15 nonrefundable.*

ART 470 Painting IV		3 credit hours
Fall even academic years, and every 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
Every fall, and spring even academic years		Prereq: ART 375

A continuation of ART 375, this class is a class where a student is challenged to further explore their individual interests in clay. The class includes individual research of firing, glazing and forming techniques. Studio format with lectures, demonstrations, group critiques, and individualized instruction. *Fee: \$85 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.

ART 498 (ART HISTORY) Senior Portfolio Review		No credit
Fall and spring		

A supervised, pre-approved senior year experience which allows students to review personal learning goals in the field of art history. Pass/Fail.

ART 498 (ART STUDIO) Senior Portfolio Review		No credit
Fall and spring		

This senior year experience is fulfilled by putting up a personal art show of best works done in the major track field. Pass/Fail.

ART 499 (ART HISTORY or ART STUDIO) Senior Comprehensive Exam		No credit
Fall and spring		Co-req: SNR/SNT 489

Students will take a written or oral exam which covers information from core requirements for the major. Letter graded.

PDP 210 Professional Practices in Fine Arts		3 credit hours
Spring		

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		Co-req: ART 499

*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		Co-req: ART 499

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: K. Harris, A. Heikens, M. Marasco, B. O'Neal, B. Stillabower

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-Medical, Pre-Medical Laboratory Science (See Medical Laboratory Science section of the catalog), Pre-Optometry, Pre-Pharmacy, , Pre-Physician's Assistant, Pre-Podiatry, Pre-Veterinary

Cooperative Programs: Health-related Professions: Clinical Laboratory Science, Dentistry, 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 Principles of Biology
BIO 140 Cell Biology
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 Experience

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 modest 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

BIO 382 Comparative Animal Behavior

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 Principles of Biology
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 324 Science Communication
BIO/CHE 334 Biochemistry
BIO 355/PHY 355 Ultrasonography
BIO/EXE 372/L Exercise Physiology **OR** **BIO/EXE 387/L** Biomechanics
BIO 374 Advanced Cell and Molecular Biology
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 Principles of Biology

BIO 140 Cell Biology

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 Principles of Biology

BIO 140 Cell Biology

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 Principles of Biology
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 115 Principles of Economics
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/academics/majors/biology/health-professions/>

Pre-Med (allopathic and osteopathic) and Pre-podiatry - Dr. Harris

Pre-Pharmacy - Dr. Wei

Pre-Dentistry –Dr. O’Neal

Pre-Veterinary Medicine - Dr. O’Neal

Pre-Optometry & Pre-Medical Laboratory Science - Dr. Thapaliya

Pre-Physician’s Assistant – Dr. Marasco

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. 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 Principles of Biology

BIO 140 Cell Biology

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.

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 373** Microbiology**BIO 310** Principles of Immunology**CHE 221 & CHE 223** Organic Chemistry I and Lab**CHE 222 & CHE 224** Organic Chemistry II and Lab**ECO 115** Principles of Economics**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 *IUPUI 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**Post-Baccalaureate Nursing Programs**

The most direct, and efficient route to a career in nursing is to enroll in a college with an accredited nursing program. Franklin College does not offer such a program. For students desiring the benefits of an undergraduate degree in biology plus professional training in nursing, several schools in the Midwest offer post-baccalaureate programs in nursing that may be completed **after** finishing an undergraduate degree. Students interested in such a career path should consult with their academic advisor.

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 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
Fall	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 respiratory systems. The laboratory includes physiological investigations, and dissections of fetal pigs and vertebrate organs. 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 nervous, endocrine, cardiovascular, lymphatic, digestive, urinary and reproductive systems. The laboratory includes physiological investigations, and dissections of cats and vertebrate organs. Three hours lecture, three 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 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 realities 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, even 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 fundamental skills needed to use the industry's leading software tool, ArcGIS. As technical consultants, we will create maps and conduct spatial analyses to assist local non-profit organizations in their conservation objectives.

BIO 372 Exercise Physiology		3 credit hours
Fall		Prereq: BIO 215 or ANAT 210/210L and ANAT 220/220L and admittance into the Exercise Science or Education program or consent of instructor Co-req: 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		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 class explores microbial life forms on Earth. Microbes are crucial parts of the ecosystems on our planet and have complex relationships with humans. They can cause disease, but they also are critical for keeping humans healthy, helping humans to produce a variety of food products, and maintaining the environment. The course will focus on understanding what microbes are, how they live, and how to culture them in a laboratory, as well as how microbes interact with other forms of life, including humans. 3 hrs 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
Spring		Prereq: BIO 215 or ANAT 210/210L and ANAT 220/220L, and EXE 372/372L 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. Same as EXE 387.

BIO 387L Biomechanics Lab		No credit
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. *Course Fee: \$20.*

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		Coreq: BIO 470

An examination (i.e., Major Field Test) covering basic biological principles. Grade of D- or better required.

PDP 301 Medical School Admission Preparation		1 credit hour
Spring		

This course will help students to prepare for application to medical school. Topics covered will include: 1) the medical school admissions/application process, 2) the medical school interview, 3) alternative careers to medicine, and 4) preparation for the standardized admissions test to medical school (MCAT). The latter topic will be a major emphasis in the course. Pass/Fail.

Business

Department: Economics, Business, and Accounting

Department Chair: S. Scheer

Department Members: E. Jones, A. Mescall, S. Scheer, J. VanAndel

Major: Business (Concentrations: Finance, Marketing, Management, Economics, Accounting, Non-Profit Administration, and Individualized)

Minor: Business

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 115, 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 341 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 115 Principles of Economics
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
ECO 330 Money and Banking

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 - Marketing Concentration

Note: Business majors must complete BUS 101, BUS 102, ECO 115, 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 341 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 115 Principles of Economics
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 362 Consumer Behavior
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)

ART 140 Graphic Design
BUS 340 Business Organization and Public Policy
BUS 365 Digital Marketing
CMP 360 Operations Research
MMJ 445 Communications Law in a Digital World
PRL 222 Social Media Strategy and Tactics
PSY 320 Social Psychology
PSY 328 Cognitive Psychology

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 115, 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 341 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 115 Principles of Economics
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/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 115, 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 341 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 115 Principles of Economics
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
BUS/ECO 362 Consumer Behavior

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 115, 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 341 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 115 Principles of Economics
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 115, 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 341 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 115 Principles of Economics
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
LEA 100 Introduction to Personal Leadership Skills
LEA 220 Leadership: Foundations, Theory, and Practice
NPL/SOC 315 Nonprofit 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 115 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 115 Principles of Economics

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 362 Consumer Behavior

BUS 371 Operations Management

ECO 221 Intermediate Microeconomics

ECO 223 Intermediate Macroeconomics

Business Course Descriptions

BUS 101 Introduction to the Business Mindset		3 credit hours
Fall and spring		

This is the first in a year-long two-course series comprising the first-year student business exploration and experience courses. The course provides a broad overview of the functions, institutions, principles, and practices of American business, and immerses the student in the introduction to business, business management, and entrepreneurship. It includes exploration of organization types and structure, all the key functional areas in business, as well as the exploration of ethical issues of business management. Students will work individually, but primarily in teams, as they learn and explore the business mindset and begin development of a new company business plan. The course will include active student participation and exploration of important business topics through coursework, guest lecturers, case studies, and other individual and team classroom assignments. Students will be required to attend up to four evening guest speaker presentations. All students in the class are required to obtain a 15-week subscription to the Wall Street Journal, and are also required to purchase a specific business/financial calculator. Each item costs about \$30.

BUS 102 Development of the Entrepreneurial Skillset		3 credit hours
Fall and spring		Prereq: BUS 101

This course is the second in the two-part series of the first-year student business experience. BUS 102 extends and expands the learning from BUS 101 (Introduction to the Business Mindset), and unless otherwise assigned, teams will work in their same team as they continue to develop their new company business plan started in BUS 101. Individual students will continue to learn and explore key fundamental components of business leadership, management, and nurturing deep, critical, and creative thinking within a business context. This course introduces students to the skills necessary to start and operate a business. Working in teams, students will develop an awareness of the opportunities for business ownership and develop the planning skills needed to start and grow a business. Students will explore the traits and characteristics of successful entrepreneurs and develop necessary skills in research, planning, operations, and regulations affecting business. Again through coursework, guest lecturers, and case studies, students and their teams will create a completed new company 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. The course will continue to build on key business, leadership, and management concepts, especially the necessary components of building an entrepreneurial mindset. Students will be required to attend up to three evening guest speaker presentations.

BUS 250 Personal Finance and Public Policy		4 credit hours
Fall and Spring	Civic Learning exploratory	

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 250.

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 340 Business Organization and Public Policy		3 credit hours
Fall, odd academic years		Prereq: ECO 115

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 341 Business Law I		3 credit hours
Fall		

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.

BUS 350 International Business and Finance		3 credit hours
Spring, even academic years		Prereq: ECO 223

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 115, ACC 221 and ACC 222, 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 224 or consent of instructor

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 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 115, 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 product development, pricing, promotion, distribution, market segmentation, market research, and retailing.

BUS 362 Consumer Behavior		3 credit hours
Fall		Prereq: BUS 361

The course is designed to furnish students with basic information necessary to understand consumer reaction to marketing stimuli. The emphasis is on gaining knowledge about consumers in order to achieve effective interface of producers and consumers. The course is highly interdisciplinary, drawing heavily on psychology and sociology, and the focus throughout is on the link between consumer behavior and marketing strategy. Same as ECO 362.

BUS 365 Digital Marketing		3 credit hours
Spring		Prereq: ECO 115 & ACC 235

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 the utility maximizing principles achieved in form, time, place, and possession utilities. The course will explore how managers can achieve optimal output and firm profit through effective conversion of firm acquired inputs such as material, labor, and capital into value-added outputs/outcomes. This will be done by addressing operations management in 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. Students will also complete a business-perspective self-evaluation portfolio. All students in the class are required to obtain a 15-week subscription to the Wall Street Journal.

BUS 380 Econometrics		4 credit hours
Spring		Prereq: ECO 115 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 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. Some time will be spent on resume development and job search/interview strategies. Depending upon project and project sponsor's wishes, this course may be followed in the subsequent spring semester by an optional SNT 489 (Senior Internship Project, 1-3 credit hours, Spring) serving as a Strategic Implementation Project Follow-Up Internship.

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 (ePortfolio). 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.

Chemistry and Physics

Department: Chemistry and Physics

Department Chair: A. Thapaliya

Department Members: H. Florian, J. P'Pool, A. Thapaliya, W. Wei

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-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
PHY 202 or 212 & 204 General Physics II and Lab

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 115** Principles of Economics
- 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

<http://franklincollege.edu/academics/majors/division-of-natural-science/health-professions/>

Pre-Med (allopathic and osteopathic) and Pre-Podiatry – Dr. Harris

Pre-Pharmacy – Dr. Wei

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. 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.

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 115 Principles of Economics
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 *IUPUI 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 IUPUI

A519 Environmental Health

A609 Air Pollution & Health

A614 Water Quality Management

A661 Environmental Toxicology

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. Two hours lecture, four 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 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. *Course Fee: \$20.*

CHE 392 Techniques in Biotechnology and Biochemistry		3 credit hours
Spring, even 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
Spring, even academic years		Prereq: CHE 222, CHE 227, and MAT 135 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 Medical School Admission Preparation		1 credit hour
Spring		

This course will help students to prepare for application to medical school. Topics covered will include: 1) the medical school admissions/application process, 2) the medical school interview, 3) alternative careers to medicine, and 4) preparation for the standardized admissions test to medical school (MCAT). The latter topic will be a major emphasis in the course. 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	<i>Prereq: MAT 135; Co-req: PHY 203</i>

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	Scientific Thinking exploratory	

The course will provide an overview of our modern understanding of the universe at an elementary level. Students will learn how following the Big Bang, elements were formed and hence the existence of all that is in the universe has been made possible. Special topics will include the Big Bang, solar system, planets and evidence of life on other planets, stars, galaxies, black holes, dark matter, dark energy, and expansion of the universe. This is an introductory course and no prior math experience is necessary. The course, therefore, starts out with a discussion of basic mathematical thinking necessary for a few portions of the course. The class will travel to various local astronomical sites observatories.

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, D. Callon, P. Fonstad, J. Gash, S. Hoehn, K. Smith, A. Walls

Majors: Computer Science, Software Engineering

Minors: Computer Science, Software Engineering

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 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 372 Computer Networks and Security
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 240 Cybersecurity Essentials
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

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 115** Principles of Economics***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***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***Data Science Minor***Please see [separate Data Science section](#) in this course catalog.

Computing Course Descriptions

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 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, data 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 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 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.

Data Science

Department: Mathematics and Computing

Department Chair: P. Fonstad

Department Members: R. Beasley, J. Boardman, D. Callon, 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. Both data science majors and minors learn how to recognize places where discriminatory bias can infiltrate data-based algorithmic systems and are equipped with the skills needed to approach data science projects from an equity 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 and Algorithms
CMP 370 Database Design and Processing
DAT 110 Data Equity and Bias
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

Professional Development Requirements

PDP 200 Preparing for your Internship

PDP 330 Big Data and the Professional Workplace
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 Data Equity and Bias
DAT 141 Python for Computing and Data Science I
MAT 224 Basic 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 and Algorithms
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 Data Equity and Bias		3 credit hours
Spring	Diversity exploratory	

Increasingly, the decisions that affect our lives—where we go to school, whether we get a car loan, how much we pay for health insurance—are being made not by humans, but by data-driven computer algorithms. In theory, this should lead to greater fairness, but the opposite is often the case as discriminatory bias can infiltrate algorithmic systems in a variety of ways. This data-driven discrimination can compound problems for society's most vulnerable groups, leading to increased polarization and inequality. In this course, students will learn about some of the ways in which data are currently used to make decisions, reflect on the possible ramifications of those decisions, examine which groups of people may be disproportionately alienated or harmed by the processes, and discuss how to approach data projects from an equity perspective.

DAT 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 CMP 141.

DAT 142 Python for Computing and Data Science II		3 credit hours
Spring		Prereq: 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.

Economics

Department: Economics, Business, and Accounting

Department Chair: S. Scheer

Department Members: E. Jones, A. Mescall, S. Scheer

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 115, 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 115 Principles of Economics
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
ECO/BUS 362 Consumer Behavior
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 115 Principles of Economics
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
ECO/BUS 362 Consumer Behavior
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 115** Principles of Economics**ECO 223** Intermediate 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 341** 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 115** Principles of Economics
- ECO 221** Intermediate Microeconomics
- ECO 223** Intermediate Macroeconomics

Three 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 115** Principles of Economics
- ECO 223** Intermediate 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 115 Principles of Economics		3 credit hours
Fall and Spring	Human Behavior exploratory	

Provides an introductory survey of economic theory as it relates to issues of price determination, resource allocation, income distribution, inflation, unemployment, and economic growth. Course emphasis is on how the market system works in the American economy.

ECO 221 Intermediate Microeconomics		3 credit hours
Fall and Spring		Prereq: ECO 115 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 115 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
Spring, 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 115

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
Spring, even academic years		Prereq: ECO 223

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
Fall		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 362 Consumer Behavior		3 credit hours
Spring		Prereq: BUS 361

The course is designed to furnish students with basic information necessary to understand consumer reaction to marketing stimuli. The emphasis is on gaining knowledge about consumers in order to achieve effective interface of producers and consumers. The course is highly interdisciplinary, drawing heavily on psychology and sociology, and the focus throughout is on the link between consumer behavior and marketing strategy. Same as BUS 362.

ECO 380 Econometrics		4 credit hours
Spring		Prereq: ECO 115 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. Some time will be spent on resume development and job search/interview strategies. Depending upon project and project sponsor's wishes, this course may be followed in the subsequent spring semester by an optional SNT 489 (Senior Internship Project, 1-3 credit hours, Spring) serving as a Strategic Implementation Project Follow-Up Internship.

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 (ePortfolio). 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

Coordinator of Transition to Teaching-Secondary: K. Deppe

Department Members: S. Hall, L. Jochim, K. Mayes

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 Pathways:

1. **Elementary:** Elementary Education Generalist (grades K-6) requires Elementary Education major and a minor or concentration area
2. **Secondary:** Secondary Content Licensing (grades 5-12) requires undergraduate degree in content area and completion of the Transition to Teaching Program upon graduation

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 2.0. 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. Each Franklin College Elementary Education Department methods course is 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 any and 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 prerequisite 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.

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 499 must be satisfactorily completed before the start of the student teaching semester.

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; the Indiana pedagogy licensing practice test (prior to graduation); and the Indiana content and pedagogy licensing tests.

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. 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:

- Satisfactory completion of 10 or more consecutive weeks of Student Teaching
- Passing scores on all standardized tests required for licensing
- Proof of current CPR/Heimlich/AED certification per licensing guidelines
- Proof of satisfactory completion of Suicide Prevention Training per licensing guidelines
- Proof of satisfactory completion of all college and elementary teacher education program requirements including a minor or concentration area

Note: Official licensing test scores, CPR/Heimlich/AED certification, and Suicide Prevention Training certification must be on file at the Franklin College Education Department along with proof of completion of stated minor or concentration area 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** Teaching English Language Arts-Elementary
- EDU 315** Human Diversity in the Classroom
- EDE 337** Teaching Science-Elementary
- EDE 344** Scientifically Based Reading Instruction (K-3)
- EDE 345** Scientifically Based Reading Instruction (Grades 4-6)
- EDE 346** Teaching Social Studies-Elementary
- EDE 366** Teaching Math-Elementary
- 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.*

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 and provides practical opportunities to develop those essential skills and dispositions necessary to become an effective teacher. Special emphasis will be given to the education department's program expectations and processes for those students seeking teacher licensure.

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. The course will address philosophical underpinnings of the American system of education. Additionally, students in the class will learn about significant legal frameworks that govern teaching and learning in U.S. schools, with a keen eye toward professional competence in classroom and school leadership. 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		Prereq: EDE 124 & 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		Prereq: EDE 124, EDE 222, EDE 230, & INE 200 or consent of the instructor Coreq: EDE 235 & 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		Prereq: EDE 124 & 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, including those with disabilities and giftedness, and ways educators can help all learners achieve at high levels and reach their full potential.

EDE 235 Teaching English Language Arts-Elementary		3 credit hours
Sophomore year		Prereq: EDE 124, EDE 222, EDE 230, & INE 200 or consent of the instructor Coreq: EDE 225 & EFE 284

This course focuses on methods for planning, delivering, and assessing evidence-based English language arts lessons that foster students' understanding of the language arts: reading, writing, speaking, listening, viewing, and visually representing. Candidates will prepare and teach elementary English language arts lesson plans based on state and national standards. Points of emphasis include the effective use of Children's literature, expository texts, and best practices in writing instruction.

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 Human Diversity in the Classroom		3 credit hours
Junior year	Diversity Exploratory	Prereq: Admission to Elementary Education program Coreq: EDE 344, EDE 366, & EFE 384

Promotes curricular and instructional techniques and approaches for culturally diverse classrooms, including strategies for working with English Language Learners. To promote overall student well-being, candidates will learn effective strategies for cross-cultural communication involving students and families. Provides opportunities to explore and learn about ideas, people, cultures, and biases that impact how teachers conceptualize the world and includes a student-directed culturally responsive teaching project.

EDE 337 Teaching Science-Elementary		4 credit hours
Junior year		Prereq: EDE 344, EDE 366, EFE 384 & admission to the Elementary Education program Coreq: EDE 345, EDE 346, & 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 Scientifically Based Reading Instruction (K-3)		3 credit hours
Junior year		Prereq: Admission to the Elementary Education program Co-req: EDU 315, EDE 366, & EFE 384

This course focuses on methods for planning, delivering, and assessing reading instruction--grounded in scientifically based reading research (SBRR)--for early elementary classrooms (K-3). Major theoretical, conceptual, and evidence-based components of reading development will be examined, including concepts of print, phonemic awareness, phonics, fluency, vocabulary, and text comprehension. 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 observation and documentation; and progress monitoring practices.

EDE 345 Scientifically Based Reading Instruction (Grades 4-6)		3 credit hours
Junior year		Prerequisites: EDE 344, EDE 366, EFE 384, & admission to the Elementary Education program Coreq: EDE 337, EDE 346, & EFE 385

This course focuses on methods for planning, delivering, and assessing reading instruction, grounded in scientifically based reading research (SBRR) for upper elementary classrooms (Grades 4-6). Candidates will examine the major components of reading development and demonstrate the ability to provide assessment, instruction, intervention, extension, and ongoing progress monitoring in reading. Points of emphasis include fluency, vocabulary, text comprehension, and effective differentiated reading instruction (RtI) to match students' evidence-based strengths and needs in reading.

EDE 346 Teaching Social Studies-Elementary		4 credit hours
Spring, junior year		Prereq: Admission to Elementary Education program and all courses required in the major <i>except</i> EDE 456, EDE 499, INE 300, & EST 489 Coreq: EDE 337, EDE 345, & 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 Teaching Math-Elementary		4 credit hours
Junior year		Prereq: Admission to Elementary Education program Coreq: EDU 315, EDE 344, & EFE 384

This course focuses on methods for planning, delivering, and assessing evidence-based math lessons that foster elementary students' understanding of mathematics. Candidates will prepare and teach mathematics lesson plans based on state and national standards. Points of emphasis include alternative assessment techniques, problem-solving skills, use of manipulatives, and the development of student-centered learning environments that integrate with other subjects in the curriculum as well as the child's real world.

EDU 401 CPR/AED/Heimlich Certification for Education Majors		1 credit hour
Senior year		Prereq: 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		Prereq: Admission to the Elementary Education program and all courses required in the major <i>except</i> EDE 456, EDE 499, INE 300, & EST 489 Coreq: EDE 430, EDE 443, EDE 457, & 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
Fall, senior year		Prereq: Admission to Elementary Education program and all course required in the major <i>except</i> EDE 456, EDE 499, INE 300, & EST 489 Coreq: EDE 424, EDE 443, EDE 457, & EFE 484

The 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, and teaching strategies to differentiate academic, social and behavioral needs for a diverse group of learners.

EDE 443 Interdisciplinary Unit Planning and Teaching: STEAM-Elementary		2 credit hours
Senior year		Prereq: Admission to Elementary Education program and all courses required in the major <i>except</i> EDE 456, EDE 499, INE 300, & EST 489 Coreq: EDE 424, EDE 430, EDE 457, & EFE 484

This course focuses on methods for planning, delivering, and assessing evidence-based STEAM instruction that fosters students' 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		Prereq: Acceptance for Student Teaching program Coreq: EDE 499 & 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		Prereq: Admission to Elementary Education Program and all course required in the major <i>except</i> EDE 456, EDE 499, INE 300, & EST 489 Coreq: EDE 424, EDE 430, EDE 443, & 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 RTI to track and support student learning, and effective classroom management strategies.

EDE 490 Independent Study		1-2 credit hours
		Prereq: 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		Coreq: EDE 456 & 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		Prereq: EDE 124 or consent of the instructor Coreq: EDE 225 & 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		Prereq: Admission to the Elementary Education program Coreq: 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		Prereq: EFE 384 & Admission to the Elementary Education program Coreq: EDE 330, EDE 337 & EDE 345

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		Prereq: EFE 385 & Admission to Elementary Education program Coreq: EDE 424, EDE 443, EDE 444, & 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		Prereq: Acceptance for Student Teaching Coreq: EDE 456 & 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		Prereq: 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		Prereq: Admission to Elementary Education Program and INE 200

The second of two required internships 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 400 Internship in Education		3 credit hours
Senior year		Prereq: INE 200, INE 300, & Admission to Elementary Education Program

The third immersive internship 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		Prereq: 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.

Transition to Teaching

The Transition to Teaching (T2T) program is a pathway to Indiana secondary education teacher licensing.

Anyone interested in enrolling in coursework must meet with the Coordinator of the Transition to Teaching program. Once an individual has met with the Coordinator of the Transition to Teaching Program, a personalized plan for completion of the program will be created. Approval of the Director of Teacher Education or the Director's designee is required to register for any T2T course. Coursework is sequenced with practical opportunities to develop essential skills to become an effective secondary teacher.

After the successful completion of the required coursework, a full-semester student teaching experience is offered in the following areas: art (fine arts), business, chemistry, English/language arts, French, social studies-government and citizenship, social studies-historical perspectives, journalism, life science (biology), mathematics, music (instrumental), music (vocal), physical education, Spanish. This program is 18 preparation hours and is to be completed within two calendar years.

If concurrently completing a baccalaureate degree at Franklin College, a student must have a 2.80 cumulative grade point average within a declared content major and have completed 57 or more credit hours to enroll in initial T2T coursework.

Required Professional Education Courses-18 credit hours

EDUT 124, Critical Skills for Educators (2 credit hours)

EDUT 222, Child & Adolescent Development (2 credit hours)

EDUT 225, Standards-Based Planning & Digital Learning-Secondary (2 credit hours)

EDUT 328, Instructional Planning & Delivery-Secondary (4 credit hours)

EDUT 422, Content Reading-Secondary (2 credit hours)

EDUT 457, Assessment & Classroom Management-Secondary (2 credit hours)

EDUT 489, Student Teaching in Secondary Education (4 credit hours)

Transition to Teaching Program Course Descriptions

EDUT 124 Critical Skills for Educators	2 credit hours

This course introduces students to the teaching profession and provides practical opportunities to develop those essential skills and dispositions necessary to become an effective teacher. Special emphasis will be given to processes for seeking secondary teacher licensure and the education department's program expectations. Participation in grades 5-12 classroom setting required.

EDUT 222 Child & Adolescent Development	2 credit hours
	Prereq: Provisional Admittance to Transition to Teaching Program, EDUT 124 (or equivalent) Coreq: EDUT 225 or permission

This course explores major concepts, theories, and processes related to the cognitive, linguistic, social, emotional, physical, and moral development of secondary-level students, and factors in the home, school, community, and broader environment that influence student development. Special emphasis will be placed on how to use this knowledge to implement developmentally appropriate and challenging curriculum in the secondary classroom for all learners.

EDUT 225 Standards-Based Planning & Digital Learning-Secondary	2 credit hours
	Prereq: Provisional Admittance to Transition to Teaching Program, EDUT 124 (or equivalent) Coreq: EDUT 222 or permission

This course introduces state and national P-12 academic standards as the basis for lesson planning and assessment in the secondary 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.

EDUT 328 Instructional Planning & Delivery-Secondary	4 credit hours
	Prereq: Provisional Admittance to Transition to Teaching Program, EDUT 124, EDUT 222, EDUT 225 or equivalents or permission

This course focuses on methods for planning, delivering, and assessing evidence-based lesson plans that foster secondary-level students' understanding of Indiana Academic Standards in the respective disciplines. Candidates will apply various research-based best practices to meet a variety of instructional needs in making content comprehensible, relevant and engaging for all students. Points of emphasis include long- and short-range planning, project-based learning, universal design for learning (UDL), differentiated instruction, and informational literacy.

EDUT 422 Content Reading-Secondary	2 credit hours
	Prereq: Provisional Admittance to Transition to Teaching Program, EDUT 124, EDUT 222, EDUT 225, EDUT 328 or equivalents or permission

This course is designed to model creative, evidence-based strategies to promote reading comprehension, vocabulary development, and study skills in the various content areas for secondary-level students. Through an emphasis on SBRR-focused methods and materials, candidates will learn to apply, combine, and adapt instructional strategies to reach all learners in classrooms with diverse populations.

EDUT 457 Assessment & Classroom Management-Secondary		2 credit hours
		Prereq: Provisional Admittance to Transition to Teaching Program, EDUT 124, EDUT 222, EDUT 225, EDUT 328, EDUT 422 or equivalents or permission

This course explores the fundamental concepts and strategies that support effective assessment and classroom management. Candidates will learn to apply fundamental concepts of assessment to select, design, and administer student assessments that are aligned to instructional goals, to administer assessments, and to share and interpret assessment results. Points of emphasis include formative and summative assessments, the use of RTI to track and support student learning, and research-based classroom management strategies that promote success for all learners.

EDUT 489 Student Teaching in Secondary Education		4 credit hours
		Prereq: Full Admission to Transition to Teaching Program, Acceptance for Student Teaching, EDUT 124, EDUT 222, EDUT 225, EDUT 328, EDUT 422, EDUT 457 or equivalents

This full-time, semester-long classroom teaching experience (minimum of 10 weeks) will provide the capstone experience to the candidate's preparation as a professional educator. Classroom teaching and other activities in a secondary-level classroom will be conducted under the guidance of the cooperating teacher, the college supervisor and coordinator of field experiences.

Engineering

Cooperative Program in Engineering with Purdue University School of Engineering and Technology (IUPUI)

Cooperative Advisor: J. Boardman (jboardman@franklincollege.edu)

Franklin College maintains a cooperative “3+2” program with the Purdue University School of Engineering and Technology at Indiana University-Purdue University Indianapolis (IUPUI). Students in this program earn a B.A. degree from Franklin College in Applied Mathematics and a B.S. degree from Purdue University in one of three engineering fields, typically in the span of five years. The engineering degrees available through this program are:

- Computer Engineering (B.S.Cmp.E.)
- Electrical Engineering (B.S.E.E.)
- Mechanical Engineering (B.S.M.E.)

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 3+2 engineering program will be given priority during registration in subsequent semester(s).

Students following the 3+2 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 IUPUI. Those choices are as follows:

Computer Engineering

- CHE 121** General Chemistry I
- CMP 142** Python for Computing and Data Science II
- ECO 115** Principles of Economics*
- PHY 211 & 203** General Physics I and Lab
- PHY 212 & 204** General Physics II and Lab

Electrical Engineering

- CHE 121** General Chemistry I
- CMP 142** Python for Computing and Data Science II
- ECO 115** Principles of Economics*
- PHY 211 & 203** General Physics I and Lab
- PHY 212 & 204** General Physics II and Lab

Mechanical Engineering

- CHE 121** General Chemistry I
- CMP 142** Python for Computing and Data Science II
- ECO 115** Principles of Economics*
- PHY 211 & 203** General Physics I and Lab
- PHY 212 & 204** General Physics II and Lab

*ECO 115 Principles of Economics satisfies the Human Behavior exploratory requirement at Franklin College and the economics requirement for the IUPUI Engineering Program.

Note: IUPUI recommends CHE 122 General Chemistry II for each of these engineering programs, but it is not a requirement.

For students intending on pursuing Computer, Electrical, 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 as well as the Laboratory Science exploratory requirement for the liberal arts core.
- CMP 130 Introduction to Computing and PDP 200 Preparing for Your Internship are both waived as requirements for the Applied Mathematics degree for students in the engineering program.
- Students in the engineering program only need to take one of MAT 300, MAT 361, and MAT 376 instead of two of those courses.
- INT 261 may be satisfied by an internship in engineering done through IUPUI if the student chooses.

Information on specific coursework in these programs is available at <http://www.franklincollege.edu/academics/majors/engineering>.

During the sophomore and junior years in the engineering program at Franklin College, students take one course each semester at IUPUI 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. 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. If your request for cross-registration gets denied for any reason, please see Dr. John Boardman immediately because we can usually obtain special permission to enroll our engineering students. All questions regarding CUE/cross registration should be directed to the Assistant 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, 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—in public service, business, law, education, and publishing.

English Major (45-48 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 British Literature
- ENG 308** Old & Medieval British 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 or higher in ENG, or 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 I
CWR 280 Poetry I
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 (42-44 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 270 Fiction I
CWR 280 Poetry I
CWR 499 Senior Competency Practicum
ENG 118 World Literature II
ENG 210 Introduction to Literary Research
ENG 360 Contemporary American Literature

One of the following courses

CWR 370 Fiction II
CWR 380 Poetry II

One of the following courses

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

Additional required coursework

Creative Writing majors are required to take two additional courses in CWR and/or ENG: one at the 300-level or higher in ENG, and one at the 200-level or higher in ENG, CWR, or THE. Choices include those listed above, plus:

CWR 211 Apogee Publishing Leadership

CWR 290 Creative Nonfiction

CWR 300 Topics in Creative Writing

ENG 224 Introduction to Linguistics

ENG 227 Advanced Grammar

ENG 228 Advanced Composition

ENG 307 Early Modern & Enlightenment British Lit

ENG 308 Old & Medieval British Literature

ENG 312 Romantic & Victorian British Literature

ENG 333 Shakespeare

ENG 355 Early American Literature

ENG 359 Realist & Modernist American Literature

ENG 375 Dramatic Literature I

ENG 376 Dramatic Literature II

THE 245 Playwriting

Professional Development Requirements

CWR 385 Professional Development in Creative Writing

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 at the 300-level or higher.

Creative Writing Minor (19-20 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 I

CWR 280 Poetry I

CWR 290 Creative Nonfiction

CWR 370 Fiction II

CWR 380 Poetry II

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 Write Place Director

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. *Concurrent or prior enrollment in LA 101 recommended but not required.*

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. *Concurrent or prior enrollment in LA 101 recommended but not required.*

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 the English language, including its history and structure. Particular emphasis will be given to the organization of grammar, syntactic systems, and language change.

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 in the standard essay forms.

ENG 231 Global Literature		4 credit hours
Fall, odd academic years	International exploratory	Prereq: 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: 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	Diversity exploratory	Prereq: LA 101

Reading and analysis of selected African American literary works.

ENG 235 Native North American Literature		4 credit hours
On demand	Diversity exploratory	Prereq: 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	Diversity exploratory	Prereq: 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
Fall, even academic years	Diversity exploratory	Prereq: 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 Old and 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, 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		Prereq: ENG 118, 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. 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. Credit does not count toward the major.

ENG 410 Senior Seminar		4 credit hours
Fall, senior year		Prereq: At least two 300-level courses

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 a communications consulting project 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)

The composing of a well-articulated and researched literary analysis and the public presentation of that work.

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. Second part of a two-semester sequence. *Concurrent or prior enrollment in LA 101 recommended but not required.*

CWR 150 Introduction to Creative Writing		4 credit hours
Fall and spring	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.*

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. Second part of a two-semester sequence.

CWR 270 Fiction I		4 credit hours
Fall, odd or spring, even		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 I		4 credit hours
Fall, even or spring, odd		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. \$15 course fee.

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 370 Fiction II		4 credit hours
Spring, even of junior or senior years		Prereq: CWR 270 & a grade of C or higher in ENG 210

A continuation of CWR 270, with added emphasis on new techniques for crafting fiction, as well as more experimentation with prose form and style. A larger body of creative work than that produced in CWR 270 will be expected.

CWR 380 Poetry II		4 credit hours
Spring, odd of junior or senior years		Prereq: CWR 280 & a grade of C or higher in ENG 210

A continuation of CWR 280, with added emphasis on new techniques for crafting poetry, as well as more experimentation with poetic form and style. A larger body of creative work than that produced in CWR 280 will be expected. \$15 course fee.

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. Credit does not count toward the major.

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 in creative writing produce a well-developed portfolio of single or mixed-genre work, which counts for three-fourths of their grade. The public presentation of that writing counts for one-fourth of their grade. The grade students earn on the comprehensive exam will appear on their transcript.

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, K. Eiler, A. Heavrin, K. Noerr, L. Ryan

Major: Exercise Science

Minors: Fitness; Coaching

Exercise science is the study of physiological and functional adaptations to movement. The exercise science major at Franklin College provides unique hands-on opportunities to be involved in clinical and community programs which provide exercise-related services to a variety of populations. Through the curriculum, students will develop the knowledge to describe the relationship among physical activity, functional capacity, health and disease across the life span. It will also prepare students for positions in exercise testing and prescription or in clinical settings, such as health clubs, corporate fitness facilities or cardiac rehabilitation centers. An exercise science degree will provide a solid foundation for entry into graduate school in related disciplines such as physical therapy and rehabilitation, biomechanics, nutrition, exercise physiology, sports medicine, chiropractics, or other healthcare fields.

Admission to Exercise Science Program

The application process for admittance to the Exercise Science will begin in April of each year. After final grades are received in the spring, all application materials will be reviewed by the Exercise Science review committee. A decision is reached on each candidate's acceptance/declination into the Exercise Science Program by June 1st. Candidates will be notified of their acceptance/declination by email. Candidates will be asked to send e-mail notification confirming acceptance into the Exercise Science Program. The maximum number of students accepted into the program each graduation year will not exceed 25.

Admissions Process for 1st Year Students

1. Receive a grade of "C-" or higher in EXE 234 and EXE 244
 - a. Each candidate must have taken or be currently taking EXE 234 Introduction to Exercise Science and EXE 244 Introduction to Strength and Conditioning Methods. A grade of 'C-' or higher in each course is required. If taking either of the courses during the spring semester, admission into the Exercise Science Program is contingent on a grade of 'C-' or higher at the end of the course.
2. Obtain an overall minimum GPA of 2.5 (A = 4.00)
 - a. A minimum cumulative GPA of 2.5 (A = 4.00) must be achieved and maintained upon admittance to the program. Admission into the Exercise Science Program is contingent on an overall GPA of 2.5 (A = 4.00) at the completion of the spring semester. Students must receive a 2.0 GPA or above by the end of immersive term to be offered an interview.
3. Complete at least one job observation within the health field for a minimum of two hours
 - a. Each candidate is required to complete one job observation within the health field. The job observation should be a minimum of two hours in duration. Candidates should observe the skills needed to be a dedicated professional. Documentation forms to confirm observations may be obtained from the Exercise Science lab and must be submitted as part of the application materials. Students will be expected to answer questions regarding the job observation during the interview. The observation should be completed no earlier than September 1 and must be completed prior to submitting the application.

4. Submit an application, resume and personal statement
 - a. As part of the process for acceptance into the program, each candidate must submit an application, up-to-date resume, and a personal statement. Professionalism and written communication skills in these materials will be part of the assessment by the Exercise Science Review Committee.
5. Complete an interview and demonstrate understanding of the cognitive (knowledge), psychomotor (skills) and affective (abilities) competencies needed to become a strong professional in the health field
 - a. Upon receipt and review of all proper application materials (application, resume, personal statement, and job observation documentation form), candidates will be asked to sit for an interview with the Exercise Science Program Review Committee. As part of the interview, candidates will be asked to demonstrate awareness and understanding of cognitive (knowledge), psychomotor (skills) and affective (abilities) competencies needed within the field of Exercise Science as identified by the job task analysis domains produced by the American College of Sports Medicine.
6. Demonstrate ability to perform clinical skills specifically associated to the health-related components of fitness
 - a. Candidates should be able to demonstrate clinical health assessments on a subject to display interpersonal skills and confidence to work with clients or patients within the profession. These assessments will occur during the interview portion of the application process. Candidates will be asked to perform skill(s) learned in the prerequisite courses, EXE 234 and EXE 244.

Admissions Process for 2nd Year and Transfer Students

1. Meet the minimum admission standards for 1st year students
 - a. 2nd year or transfer student candidates will need to meet the minimum standards by the time of application in spring.
2. Students must have completed ANAT 210 Applied Human Anatomy and ANAT 220 Applied Human Physiology with a "C-" or above by the end of sophomore year to graduate within the intended four year plan of study. ANAT 210 and ANAT 220 are prerequisite courses for junior-level exercise science courses. Sophomore level students and above who have not successfully completed ANAT 210 and ANAT 220 may apply but graduation may be extended by a minimum of 1 semester.

Please refer to the Transfer Student section of this catalog for the College's requirements.

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 to the exercise science and MSAT programs simultaneously in the spring of their freshman or sophomore year for early admittance. Students admitted to the exercise science program may also apply to the MSAT program in the fall of their junior or senior year through the non-early admit route. 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 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.

Continuance in Exercise Science Program

Students in the Exercise Science Program are expected to maintain the following minimum program standards:

- cumulative minimum GPA of 2.5 (A = 4.00) at the end of each academic semester/term
- no grade below a "C-" in Exercise Science core required courses
- no grade below a "C-" in related field required courses
- a grade of "S" in all field practicums, experiences and internships

Final grades will be reviewed for each student in the Exercise Science Program at the end of every semester.

Probation within Exercise Science Program

If a student does not meet the program standards, the student will be placed on probation.

1. If probation is due to not meeting the GPA minimum program standard, the student will have one semester to improve GPA to the minimum program standard. Upon completion of the subsequent semester, students must submit an application for reinstatement to the program. If the GPA does not improve by the end of the subsequent semester, the student will be dismissed from the Exercise Science Program. The student will not be able to participate in a field practicum, experience or internship until probationary status has been removed.
2. If probation is due to receiving a grade lower than "C-" in an Exercise Science core required course or a grade lower than a "C-" in a related field required course, the student will have one opportunity to retake the course. The student will remain on probation until completion of the course with a satisfactory grade meeting minimum program standards. Departmental consent is required if the student is retaking the course from an institution other than Franklin College. The student will not be able to participate in a field practicum, experience or internship until probationary status has been removed. If a student is placed on probation for a grade lower than a "C" in one of the core sequenced courses (EXE 372, EXE 372L, EXE 375, EXE 425), the ability to progress through the curriculum within 4 years will be impacted. A student who is required to retake a core sequence class will delay graduation by a minimum of 1 semester. If the student does not improve the grade after the 2nd attempt, the student will be removed from the Exercise Science Program.
3. If probation is due to receiving a 'fail' in a field practicum, experience or internship, the student will be placed on probation. The student will have one opportunity to retake the field practicum, experience or internship and receive a satisfactory grade. If the student does not receive the satisfactory grade within one year, the student will be removed from the program.
4. Students who are placed on probation a second time, for any reason, will be automatically dismissed from the Exercise Science Program.
5. Students who receive a "C-" or below in the related-field courses of ANAT 210 or ANAT 220, or a "C-" or below in EXE 372, EXE 375, or EXE 401 and placed on probation may not continue through the sequenced

courses. If a student receives a “C-” or below in any other non-sequenced EXE courses, the student may continue to take EXE classes for one year. If the EXE grades do not improve to a “C-” or above in ANAT 210 or ANAT 220 or “C-” or above in the sequenced courses within one (1) year, the student will be removed from the Exercise Science Program.

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 program will incur additional expenses outside of the typical college costs. Please see below for expected costs within the Exercise Science Program:

Type of Expense	Expected Time of Expense	Approximate Fee
TB test and flu shot*	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 basic clinical equipment: stethoscope, sphygmomanometer, pedometer, tape measure, heart rate monitor, 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 upon the career goals of the student.

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 251 Muscles and Movement
EXE 341 Organization and Administration of Health Programs
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 Diversity and Inclusion 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 requirement
 MSAT 544 fulfills EXE 402 requirement
 MSAT 550, 551, & 553 fulfills EXE 489 requirement

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

One of the following courses

EXE 480 Fitness Internship
 EXE 483 Fitness Practicum
 KIN 480 Fitness Internship
 KIN 483 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)

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.

EXE 208 Basic Principles of Nutrition	2 credit hours
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, as well as current and future trends in exercise science will also be explored.

EXE 244 Introduction to Strength and Conditioning Methods	3 credit hours
Fall and spring	

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 251 Muscles and Movement	1 credit hour
Fall	Prereq: Admittance to the Exercise Science program

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 progression and modification of movements using machines, free weights, body weight, and other forms of exercise equipment along with proper stretching techniques.

EXE 321 Advanced Strength and Conditioning Methods		3 credit hours
Spring, every third year starting spring 2018		Prereq or coreq: EXE 251 and ANAT 220

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
Spring, every third year starting spring 2019		Prereq or coreq: EXE 251 and ANAT 220

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
Spring, every third year starting spring 2020		Prereq or coreq: EXE 251 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		Prereq or coreq: EXE 251

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 372 Exercise Physiology		3 credit hours
Fall		Prereq: BIO 215 or ANAT 210/210L and ANAT 220/220L and admittance into the Exercise Science program or consent of instructor 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		Coreq: EXE 372

Lab component to EXE 372 Exercise Physiology. Same as BIO 372L.

EXE 375 Exercise Testing and Prescription		3 credit hours
Fall & spring		Prereq: ANAT 210/210L & 220/220L, EXE 119, 222, 251 Prereq or coreq: 372/372L

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
Spring		Prereq: ANAT 210/210L & 220/220L, EXE 234, 251, & 372/372L

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 & Spring		Prereq: PSY 117 Prereq or Coreq: EXE 251

This interactive course will focus on the cognitive or mental preparation in sport 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
Spring		Prereq: BIO 215 or ANAT 210/210L and ANAT 220/220L, and EXE 372/372L 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. Same as BIO 387.

EXE 387L Biomechanics Lab		0 credit hours
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
Spring		Prereq: EXE 251; Coreq: EXE 375 & 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		Prereq: EXE 251, EXE 401 & MAT 224

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.

EXE 425 Exercise Prescription for Special Populations		3 credit hours
Fall and spring	Diversity exploratory	Prereq: ANAT 210/210L & 220/220L, EXE 234, 251, 372/372L & 375

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 diversity exploratory requirement.

EXE 480 Fitness Internship		1-4 credit hours
Fall, Immersive, or spring		Prereq: departmental consent

Previous course content is integrated into a practical experience in a fitness setting equivalent to four weeks of full-time employment. EXE 480 will fulfill four semester hours of immersive term requirement. This course is for exercise science majors only.

EXE 483 Fitness Practicum		1-2 credit hours
Fall and spring		Prereq: departmental consent

This supervised and pre-approved experience allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester. This course is for exercise science majors.

EXE 489 Professional Development Experience		4-12 credit hours
Fall, spring, immersive, or summer with departmental consent		Prereq: PDP 200, EXE 401 & senior year

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.

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. 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 Diversity and Inclusion in Sport	3 credit hours
Fall and spring	Diversity 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 & 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.

KIN 480 Fitness Internship	4 credit hours
Fall, immersive, or spring	Prereq: departmental consent

Previous course content is integrated into a practical experience in a fitness setting equivalent to four weeks full-time employment. KIN 480 will fulfill four semester hours of immersive term requirement. This course is for non-exercise science majors.

KIN 483 Fitness Practicum	1-2 credit hours
Fall and spring	Prereq: departmental consent

This supervised and pre-approved experience allows a student to pursue specific learning goals and/or be involved in a field experience during the regular academic semester. This course is for non-exercise science majors.

KIN 490 Independent Study	1-2 credit hours
Fall and Spring	Prereq: at least 18 semester hours of physical education and the consent of the instructor

Individualized, independent research project in a student's field of interest in physical education not thoroughly covered in regular courses.

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 Varsity 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. IHSA 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. IHSA certification is available. *Course fee: \$50 (fee also covers PED 115).*

PED 234 Introduction to Teaching and Coaching Physical Activities	3 credit hours
Fall	

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
Spring, odd academic years (second 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 (first 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
Fall (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.

French

Department: Modern Languages

Department Chair: D. Alsop

Department Members: D. Alsop, J. Brown, S. Colburn-Alsop, A. Formoso-Mayán, K. Wasielewski

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 diversity 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 Diversity 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	Diversity 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 and includes a written and an oral examination conducted by three history professors, unless the student requests one from a related field. A grade, representing an average of the two examinations, is entered on the student's permanent record. 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 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 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 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
Fall		

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 214 The South Atlantic World, 1400-1824		4 credit hours
Spring, even academic years	Diversity 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	Diversity 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 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	Diversity 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
Spring, even academic years		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	Diversity 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

Director:

Minors: Leadership, Nonprofit 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 18 hours as follows, all earned with a grade of C- or better)

Core courses

LEA 100 Introduction to Personal Leadership Skills
LEA 220 Leadership: Foundations, Theory, and Practice

One of the following courses

LEA 320 Leadership, Creativity, and Innovation
LEA 330 Leadership in a Multicultural Context

One of the following immersive courses

LEA 315 Nonprofit Leadership Capstone
LEA 320 Leadership, Creativity, and Innovation (in addition to LEA 330 above)
LEA 330 Leadership in a Multicultural Context (in addition to LEA 320 above)
MAT 345 Statistical Consulting Project
POL 234 American Political Participation
POL 275 Law and Politics in American Society
 Mock Trial course
 Model United Nations course

To complete the 18 required hours, students can select from any courses listed above, as well as any of the following courses

ART 140 Graphic Design I
BUS 102 Development of the Entrepreneurial Skillset
BUS 371 Operations Management
MMJ/PRL 180 Publication Design
PHL 220 Principles of Ethics
POL 360 Social and Political Thought
PSY 320 Social Psychology or **SOC 323** Organizations

Other classes or internships may be substituted on this list with the approval of the Director of Innovation and Leadership Studies.

Nonprofit Leadership Minor

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

Core Requirements

BUS 101 Introduction to the Business Mindset

LEA 100 Introduction to Personal Leadership Skills

NPL/SOC 222 Social Problems & Nonprofit Responses

NPL/SOC 230 Introduction to Nonprofits

NPL/LEA/SOC 315 Nonprofit Leadership Capstone

One of the following courses

BUS 371 Operations Management

LEA course number 200-level or higher

SOC 323 Organizations

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 Nonprofit Leadership Capstone		4 credit hours
Spring, 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	Diversity 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 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 P. Fonstad

Department Members: R. Beasley, J. Boardman, D. Callon, 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 3+2 engineering program is also available in computer engineering, electrical 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
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
PDP 200 Preparing for Your Internship
PDP 330 Big Data and the Professional Workplace

One of the following internships

INT 261 Computing/Math/Statistics Internship

Actuarial Science Program

MAT 344 Mathematical Statistics
MAT 352 Financial Mathematics

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 352 Investments
BUS 353 Principles of Risk and Insurance
ECO 115 Principles of Economics
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
PDP 200 Preparing for Your Internship

One of the following internships

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
PDP 200 Preparing for Your Internship
PDP 330 Big Data and the Professional Workplace

One of the following internships

INT 261 Computing/Math/Statistics Internship

Quantitative Analysis Program – 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 115 Principles of Economics

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 362 Consumer Behavior

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 (Computer, Electrical, and Mechanical Engineering)

Franklin College maintains a cooperative “3+2” program in engineering with the Purdue School of Engineering and Technology at IUPUI. 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 Computer Engineering, Electrical Engineering, or Mechanical Engineering through the Purdue School of Engineering and Technology at IUPUI.

Students opting to pursue the degree programs in Computer, Electrical, 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 LA 103 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.

***Note:** 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 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 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

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
Spring		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
Fall, 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	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, MEd, 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:

3. 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.

Military Science

Reserve Officer Training Corps (ROTC)

Indiana University-Purdue University at Indianapolis

Through a partnership program with Indiana University-Purdue University at Indianapolis (IUPUI), Franklin College students may participate in a ROTC program which leads to a commission in the U. S. Army, the Army Reserves, or the Army National Guard. All classes are held on the IUPUI campus.

ROTC enhances a student's education by providing unique leadership and management experiences found in few college courses. Instruction in these courses encourages the development of resource management skills, self-assurance, confidence, personal discipline, executive abilities, personal responsibility, and professional ethics, as well as physical stamina, bearing, and other fundamental qualities required of an Army officer. These same qualities acquired while participating in the ROTC program will enhance any civilian career.

Army ROTC is a collection of college electives and a summer training program. When a cadet completes the electives, the summer program and earns a Bachelor's degree, that cadet earns a commission in the U. S. Army, the Army Reserves, or the Army National Guard.

Credit Transfer to Franklin College

Credit earned at IUPUI through ROTC is transferable to Franklin College and will count as credit outside the major field for graduation. For information on how to receive transfer credit at Franklin College for completion of this program, please see the Assistant Registrar in the Academic Records Office.

Admission Requirements

The ROTC Basic Course is open to Franklin College students without any prerequisites or allied requirements. Students who are not U. S. citizens must check with the Department of Military Science administrative office at IUPUI prior to course attendance to ensure they have the proper permission from their home country's embassy for military training.

Basic and Advanced Courses

Basic Courses are open to all students at any academic level but are normally taken during the first and sophomore years. Advanced courses are taken during the student's junior and senior years and require a military commitment.

Course Descriptions

For complete information on the courses, requirements and obligations please visit the IUPUI website at <http://www.iupui.edu/~armyrotc/>.

Multimedia Journalism & Pulliam School of Journalism

Director: J. Krull

Department Chair: S. McDaniel

Faculty: J. Krull, S. McDaniel

Major: Multimedia Journalism

Minors: Multimedia Journalism, Rhetoric, 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 150** Introduction to Digital Photography and Audio Reporting
- MMJ 155** Video for Digital Journalism I
- MMJ 180** Publication Design
- MMJ 255** Video for Digital Journalism II
- 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 150, MMJ 155, MMJ 255, and INT 119 before registering for the Immersion Experience. 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 (6 hours)
- MMJ 210** Advanced Reporting and Database Research to Immersion (6 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

Twelve semester hours from ONE field outside MMJ. All courses used to satisfy the related field requirement must be completed with a grade of C- or better.

Multimedia Journalism Minor (except for Public Relations majors)

Required Courses

MMJ 115 Multimedia Reporting and Interviewing
MMJ 120 Ethics and Professional Development
MMJ 135 Editing for Print and Online
MMJ 150 Introduction to Digital Photography and Audio Reporting
MMJ 155 Video for Digital Journalism I
MMJ 180 Publication Design
MMJ 445 Communication Law in a Digital World

Multimedia Journalism Minor (for Public Relations majors)

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 115 Multimedia Reporting and Interviewing
MMJ 135 Editing for Print and Online
MMJ/SPR 255 Video for Digital Journalism II
SPR 200 Game Coverage
SPR 301 Covering Economics and Public Policy in Sports
SPR 302 Covering Lifestyle and Outdoor Sports
SPR 303 Sports Information and Public Relations

*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

Rhetoric Minor (for multimedia journalism majors)**Required Courses**

ENG 227 Advanced Grammar
ENG 228 Advanced Composition
PHL 210 Logic

Two of the following courses

CWR 150 Introduction to Creative Writing

Visual Communications Minor**Required Courses**

ART 130 Color and Design
ART 140 Graphic Design I
ART 190 Digital Fine Art Photography I
ART 240 Graphic Design II
MMJ 150 Introduction to Digital Photography and Audio Reporting
MMJ 155 Video for Digital Journalism I

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 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 150 Introduction to Digital Photography and Audio Reporting		3 credit hours
Fall and Spring		

The course will introduce students to the basic principles of digital photojournalism and video technologies. Students will be introduced to digital cameras, the basics of editing still photographs and the basics of audio reporting. Students will be required to create content using appropriate technology and prepare stories for distribution across multiple platforms. Same as PRL/SPR 150.

MMJ 155 Video for Digital Journalism I		3 credit hours
Fall and Spring		Prereq: MMJ/PRL 150 or consent of instructor

The course will focus on the practices and principles of shooting, editing and distributing video for multiple platforms. Topics include: shooting with DSLR cameras and dedicated video cameras; preproduction planning; lighting principles; audio for video, editing video and distributing digital stories through multiple platforms. Same as PRL/SPR 155.

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 210 Advanced Reporting & Database Research to Immersion		6 credit hours
Fall and Spring		Prereq: INT 119, MMJ 115, MMJ 120, MMJ 135, MMJ 150, MMJ 155, 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 II		3 credit hours
Fall and Spring		Prereq: MMJ/PRL 155 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 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.

Music

Department Chair: C. Hayes

Music Faculty: E. DeForest, C. Hayes, L. Honer, R. Jackson, J. Rice, 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 322 String Methods and Pedagogy

MUS 323 Brass Methods and Pedagogy

MUS 328 Choral and Instrumental Arranging

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

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
Fall and 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
Fall and Spring	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
Fall and spring	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
Fall and spring	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
Fall, odd academic years		

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		1 credit hour
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 Principles of Biology
BIO 140 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 Abnormal Psychology
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
PSY 117 General Psychology
PSY 322 Behavioral Neuroscience
 Independent study, research, or Internship related to Neuroscience (2 credit minimum)

One of the following options

Option 1: **BIO 210** and **BIO 215** Human Anatomy & Physiology I & II
Option 2: **BIO 360** Animal Physiology

One of the following courses

PSY 324 Psychology of Learning
PSY 326 Psychopharmacology

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.

Philosophy

Department: Philosophy and Religion

Department Chair: J. Alexander

Department Members: J. Alexander

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		

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: A. Fetter-Harrott, 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 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 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

Two of the following courses – not the same course as used above

POL 120 Introduction to International Relations
POL 130 Introduction to Comparative Politics
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 115** Principles of Economics
- ECO 223** Intermediate 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 341 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 115** Principles of Economics
- ECO 223** Intermediate 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, and Spring even academic years	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	Diversity & 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
Fall	Human Behavior exploratory	

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
Spring, odd academic years	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 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		

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	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 Advisors: A. Fetter-Harrott, 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 341 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 115 Principles of Economics

ECO 221 Intermediate Microeconomics

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 341 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.

Psychology

Department: Psychology

Department Chair: J. Bromley

Department Members: J. Bromley, W. Eiler, K. Flora

Major: Psychology

Minors: Psychology

Associated Major: Neuroscience

Associated Minor: Neuroscience

Cooperative Program: Accelerated Master of Public Health

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 Abnormal Psychology
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 you 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.

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 226 Lifespan Development

PSY 227 Introductory Statistics and Research Methods in Psychology

PSY 240 Abnormal Psychology

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 IUPUI 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 diversity and international courses), students may receive a bachelor of arts degree from Franklin College upon completing one year at IUPUI, 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 IUPUI 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 diversity 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.

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		

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 Abnormal Psychology		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	Diversity 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 IUPUI 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 IUPUI (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 IUPUI.

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 IUPUI) 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 advisors: Jason Jimerson, Allison Fetter-Harrott, and Kristin Flora.

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 (contact Dr. Steven Lacy at IUPUI).
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/PSY/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 IUPUI 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 IUPUI. 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 Members: 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 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 150** Introduction to Digital Photography and Audio Reporting
- PRL 155** Video for Digital Journalism
- PRL 180** Publications Design
- 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

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 public relations. Cross-listed courses with PRL courses, such as PRL/MMJ Publication Design, cannot count toward a related field.

Minor Option – A minor in an academic field outside of public relations. Students must meet the requirements of the department offering the minor. Courses cross-listed with PRL, such as PRL/MMJ 180 Publication Design, cannot count toward a minor.

Double Major Option – A second major at Franklin College. Students must meet all requirements for the second major AND the public relations major. Courses cross-listed with PRL, such as PRL/MMJ 180 Publication Design, cannot count toward a second major.

Public Relations Minor (except for Multimedia Journalism and Sports Communication Majors)**Core Requirements**

- PRL 150** Introduction to Digital Photography and Audio Reporting
- PRL 155** Video for Digital Journalism
- PRL 180** Publication Design
- 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 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 150 Introduction to Digital Photography and Audio Reporting		3 credit hours
Fall and Spring		

The course will introduce students to the basic principles of digital photojournalism and video technologies. Students will be introduced to digital cameras (photographic and video), the basics of editing still photographs and the basics of video editing. Students will be required to create content using appropriate gear and prepare it for distribution across multiple platforms as appropriate for the message intended. Same as MMJ 150.

PRL 155 Video for Digital Journalism		3 credit hours
Fall and spring		Prereq: PRL/MMJ 150 or consent of instructor

The course will focus on the practices and principles of shooting, editing and distributing video for multiple platforms. Topics include: shooting with cellphones, DSLR cameras and dedicated video cameras; preproduction planning; lighting principles; audio for video, editing video and distributing digital stories through multiple platforms. Same as MMJ 155.

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 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
Fall		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 499 Senior Competency Seminar		No credit
Spring		Prereq: PRL 221, 222, 333, 334, & 480 Coreq: PRL 495

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.

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

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 Nonprofit 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 & Lit

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 Diversity 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: T. Crawshaw, J. Jimerson

Major: Sociology (Optional Track: Criminal Justice)

Minors: Nonprofit Leadership, Sociology

Sociology students study how people interact. They also learn how social interactions influence individual actions (such as crime) and vice versa. By learning to scientifically analyze, evaluate, and interpret social phenomena, students gain skills that will benefit themselves and others.

The Franklin College Sociology Department teaches students the fundamentals of sociology. First, Introduction to Sociology presents new ways of looking at the world. Next, intermediate courses teach students to analyze institutions, such as Marriage and Family, as well as phenomena, such as Stratification. In our final courses, Sociological Theory and Research Methods, students integrate and apply what they have learned. These courses prepare sociology students for careers and citizenship by giving them a deep and broad education.

Sociology students may also specialize in Criminal Justice or Nonprofit Leadership. To specialize in Criminal Justice, students must take Criminal Justice, Criminology, Corrections, and related courses. To specialize in Nonprofit Leadership, they must take Introduction to Nonprofits, Social Problems and Nonprofit Responses, and the Nonprofit Leadership Capstone in addition to other courses. These courses prepare students for careers in helping professions.

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 Comp Practicum

One course from each of the following categories

Category A

SOC 319 Gender and Sexualities
SOC 325 Power, Wealth, and Poverty
SOC 330 Global Transformations

Category B

SOC 230 Introduction to Nonprofits
SOC 221 Marriage and Family
SOC 323 Organizations
SOC 340 Corrections

Category C

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 Practicum

Related Field requirements

Note: Students who declare a minor (in Nonprofit Leadership or any other 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 Abnormal Psychology
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

Nonprofit Leadership Minor

Core Requirements

BUS 101 Introduction to the Business Mindset
LEA 100 Introduction to Personal Leadership Skills
NPL 222 Social Problems & Nonprofit Responses
NPL 230 Introduction to Nonprofits
NPL 315 Nonprofit Leadership Capstone

One of the following courses

BUS 371 Operations Management
LEA course number 200-level or higher
SOC 323 Organizations

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	Diversity & 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 250 Personal Finance and Public Policy		4 credit hours
Fall and Spring	Civic Learning exploratory	

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 250.

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 Nonprofit 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 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 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 Global Transformations		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
Fall		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 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 Practicum		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 Practicum		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	Diversity & 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 Nonprofit 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 a communications consulting project 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: S. Colburn-Alsop

Department Members: D. Alsop, J. Brown, S. Colburn-Alsop, A. Formoso-Mayán, and K. Wasielewski

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 diversity 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 Diversity 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)

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)

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.

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.

SPA 211 Intermediate Reading, Writing, and Discussion		4 credit hours
Spring	Diversity 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.

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.

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: J. Krull, S. McDaniel

Major: Sports Communication

Minors: Multimedia Journalism, Rhetoric, 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 150** Introduction to Digital Photography and Audio Reporting
- SPR 155** Video for Digital Journalism I
- SPR 180** Publication Design
- SPR 200** Game Coverage
- SPR 255** Video for Digital Journalism II
- SPR 301** Covering Economics and Public Policy in Sports
- SPR 302** Covering Lifestyle and Outdoor Sports
- SPR 303** Sports Information and Public Relations
- 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 ONE 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

Twelve semester hours from ONE field outside SPR. All courses used to satisfy the related field requirement must be completed with a grade of C- or better.

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 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 150 Introduction to Digital Photography and Audio Reporting		3 credit hours
Fall and Spring		

The course will introduce students to the basic principles of digital photojournalism and video technologies. Students will be introduced to digital cameras, the basics of editing still photographs and the basics of audio reporting. Students will be required to create content using appropriate technology and prepare stories for distribution across multiple platforms. Same as MMJ/PRL 150.

SPR 155 Video for Digital Journalism I		3 credit hours
Fall and Spring		Prereq: MMJ/PRL/SPR 150 or consent of instructor

The course will focus on the practices and principles of shooting, editing and distributing video for multiple platforms. Topics include: shooting with DSLR cameras and dedicated video cameras; preproduction planning; lighting principles; audio for video, editing video and distributing digital stories through multiple platforms. Same as MMJ/PRL 155.

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 and Spring		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 II		3 credit hours
Fall and Spring		Prereq: MMJ/PRL/SPR 155 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 and Spring		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 302 Covering Lifestyle and Outdoor Sports		3 credit hours
Fall		Prereq for SPR: SPR 101, MMJ/SPR 115, & MMJ/PRL/SPR 120 or consent of instructor

This course will help students learn to cover recreational and competitive outdoor sports. Students will explore policy issues related to public recreation and personal hobby sports.

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 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 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.

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, 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		

Activity credit given for work on theatre productions. 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	Diversity & 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 discuss films critically and to recognize cinematic techniques and genres.

THE 205 Acting I		3 credit hours
Fall		

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 hours
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, even 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, 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		Prereq: ENG 118, 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. 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	Diversity 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	Diversity exploratory	Prereq: 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	Diversity 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.
- 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 2023-24 academic year are \$655 per credit hour.
 - Total tuition for the July 2023 cohort is \$43,885
 - Tuition may be adjusted annually, but will remain constant for each cohort
 - Tuition billing and due dates for 2023-24 are as follows:

First year

Term	Credit Hours	Tuition for Term	Bill Date	Due Date
Deposit		\$250	Upon acceptance	-
Summer	7.5	\$4,912.50*	May 15 th	June 15 th
Fall	14.5	\$9,497.50	July 15 th	August 15 th
Winter	1.5	\$982.50	December 15 th	January 15 th
Spring	14.5	\$9,497.50	December 15 th	January 15 th

*Summer term tuition will be reduced by deposit amount once paid.

Second Year

Term	Credit Hours	Tuition for Term	Bill Date	Due Date
Summer	2	\$1,310.00	Billed w/fall tuition	
Fall	13.5	\$8,842.50	July 15 th	August 15 th
Winter	2	\$1,310	December 15 th	January 15 th
Spring	11.5	\$7,532.50	December 15 th	January 15 th

Master of Science in Physician Assistant Studies tuition policy

- Once admitted a \$1000 deposit is due within one-two weeks 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 2024 cohort is \$92,000
 - Tuition may be adjusted annually but will remain constant for each cohort.
 - Estimated total program cost (including tuition and fees): \$94,250

Tuition and billing and due dates for the January 2024 cohort are as follows:

First year

Term	Credit Hours	Tuition for Term	Bill Date	Due Date
Deposit		\$1,000	Upon acceptance	
Immersive (January)	8	\$6,630*	December 15 th	January 15 th
Spring	18	\$14,919	December 15 th	January 15 th
Summer	17	\$14,090	May 15 th	June 15 th
Fall	23	\$19,063	July 15 th	August 15 th

*Immersive term tuition will be reduced by deposit amount once paid.

Second year and Capstone

Immersive (January)	4	\$3,315	December 15 th	January 15 th
Spring	13	\$10,775	December 15 th	January 15 th
Summer	9	\$7,460	May 15 th	June 15 th
Fall	13	\$10,775	July 15 th	August 15 th
Capstone (January)	6	\$4,973	December 15 th	January 15 th

Graduate Student Fees

- 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 \$550 billed each fall and spring semesters.
- MSPAS students are required to pay a one-time virtual patient platform fee of \$750 billed in the first spring semester. This is a non-refundable fee.

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 2023-2024 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.

Please note that students enrolled in graduate programs are NOT eligible for Franklin College scholarships/grants as these awards are restricted to undergraduate enrollment.

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, graduate students must be enrolled in a minimum of 10 credit hours during fall and spring semesters for full-time status. During summer and/or winter terms the requirement for full time status is enrollment in at least three credit hours.

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 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 (MSPAS specific).

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 program is defined below.

Grade Range	Letter Grade	Quality Points
90–100	A	4.00
87–89.99	A-	3.67
83–86.99	B+	3.33
80–82.99	B	3.00
77–79.99	B-	2.67
73–76.99	C+	2.33
70–72.99	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	-

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	-

Master of Science in Athletic Training

Program Director: Tiffany Franklin

MSAT Faculty: K. Eiler, A. Mahoney, K. Remsburg, J. Williams

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 January 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 a C or higher in the following prerequisites courses (within the past 7 years):
 - Anatomy
 - Biology
 - Chemistry
 - Nutrition
 - Physics
 - Physiology

- Psychology
- Statistics or Research Methods
- Exercise Physiology
- Completion of a minimum of 50 hours of observation under the direct supervision of a certified athletic trainer; 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
- 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 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 must also be applying for, or already be accepted into, an approved 3+2 pathway.

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 and ANAT 220 (courses 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 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: May 1st, annually (if May 1st falls on a weekend, the due date will default to the following Monday)
 - All application materials should be submitted to Kathy Remsburg at [kremsburg@franklincollege.edu](mailto:krebsburg@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 by mid-June
- For junior applicants:
 - 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 are continuing 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 who have met all retention requirements must also meet the following requirements to matriculate into the MSAT Program:

- Complete a minimum of 50 hours of observation with a certified athletic trainer
 - The initial 20 hours of observation submitted with the application count towards the total hours
 - The student can obtain these hours at any point throughout their undergraduate degree but they must be completed by June 1st
 - All hours must be tracked on the hour verification form and submitted to Kathy Remsburg @ kremsburg@franklincollege.edu
- Complete all MSAT prerequisite courses with a C or higher, 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 \$93 application fee. Additional external admission application requirements and the link to ATCAS can be found on our website [here](#).

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, Tiffany Franklin, at tfranklin@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.

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	\$93
Deposit (credited towards tuition)	Within two weeks of offer	\$250
Physical exam and immunizations	Prior to first summer session	Varies
NATA student membership	<u>Recommended</u> Fall semester first year in MSAT; <u>Required</u> Fall semester second year in MSAT	\$75

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	CPR certification is required in the first semester and offered again for a 2-year renewal as a 2 nd year student prior to graduation	\$35 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 529 Acute Care of Injuries & Illness
MSAT 530 Clinical Exam and Diagnosis: Lower Extremity
MSAT 531 Clinical Exam and Diagnosis: Upper Extremity
MSAT 534 Concepts in Therapeutic Interventions I
MSAT 625 Healthcare Administration
MSAT 631 Clinical Pathology and Medical Interventions
MSAT 634 Concepts in Therapeutic Interventions II
MSAT 635 Psychosocial Strategies and Referral
MSAT 637 Professional Preparation in Athletic Training
MSAT 638 Advanced Concepts in Athletic Training

Research Requirements

MSAT 543 Foundations of Evidence-based Practice & Research
MSAT 544 Directed Research Studies & Analysis
MSAT 643 Research Seminar

Clinical Requirements

MSAT 550 Clinical Experience in Athletic Training I
MSAT 551 Clinical Experience in Athletic Training II
MSAT 552 Clinical Experience in Athletic Training III
MSAT 553 Clinical Experience in Athletic Training IV
MSAT 600 Immersive Clinical Experience in Athletic Training
MSAT 650 Clinical Experience in Athletic Training V
MSAT 651 Clinical Experience in Athletic Training VI

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 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 lumbosacral and 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 cervical, thoracic, and 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 534 Concepts in Therapeutic Interventions I		4 credit hours
Spring		Prerequisite: MSAT 530 or MSAT 531

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, assessment of patient satisfaction, and ability to return to physical activity. Laboratory experiences will be used to supplement classroom instructions.

MSAT 543 Foundations of Evidence-based Practice & Research		3 credit hours
Fall		Prerequisite: Admittance to the MSAT

The fundamentals of evidence-based medicine with specific focus toward understanding various levels of research and reading comprehension of research articles will be emphasized. A working knowledge of the research process and interpretation of findings will also be a focus whereby students begin work on research projects including identifying a problem, conducting a literature review, developing a hypothesis, and forming initial research design.

MSAT 544 Directed Research Studies & Analysis		3 credit hours
Spring		Prerequisite: MSAT 543

Students will gain experience with the hands-on component of the research process, and statistical analysis of data. Working with a faculty advisor, students will develop skill implementing their research proposal and continue the research process through data collection and analysis. Students will study statistical procedures commonly used in descriptive and experimental research in athletic training. Basic statistical analysis will be reviewed and advanced statistics in relation to individual research projects will be discussed.

MSAT 550 Clinical Experience 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. \$35 course fee for CPR for the Professional Rescuer certification.

MSAT 551 Clinical Experience 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 552 Clinical Experience in Athletic Training III		1.5 credit hours
Winter		Prerequisite: MSAT 550

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 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 Experience 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.

MSAT 600 Immersive Clinical Experience in Athletic Training		2 credit hours
Summer		Prerequisite: MSAT 553

An immersive clinical experience, under the direct supervision of a preceptor, that provides a practice-intensive experience to allow students to experience the totality of care provided by athletic trainers. Students must participate in the day-to-day and week-to-week role of an athletic trainer for a four-week period.

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
Spring		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 634 Concepts in Therapeutic Interventions II		4 credit hours
Fall		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 635 Psychosocial Strategies and Referral		3 credit hours
Spring		Prerequisite: MSAT 634

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
Winter		Prerequisite: Semester of or just prior to graduation

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 634

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. *Fee: \$150 nonrefundable.*

MSAT 643 Research Seminar		1 credit hour
Fall		Prerequisite: MSAT 544

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 Experience 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		4.5 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 four-week period. Students are responsible for costs associated with travel to and from their clinical experiences.

Master of Science in Physician Assistant Studies

Program Director: J. Cheeseman

Medical Director: C. Zietlow

MSPAS Faculty: B. LaBonte, J. Haffner, C. Henderson, 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-Provisional 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

The Franklin College MSPAS program does not accept advanced placement or transfer credit for required curricular components. 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 – \$200
- Text books and course resources – \$1000-\$1500
- Laptop computer – \$1500
- Diagnostic medical equipment – \$800-\$1000
- Memberships – \$195 (IAPA \$20, AAPA \$75)
- Required certifications (BLS, ACLS)– \$250

- Estimated housing and living expenses per year
 - Room and board (off-campus) – \$8500/year
 - Transportation – \$1000
- Vehicle parking permit (2 years) – \$40

Upon completion of the MSPAS Program, students are responsible for the costs associated with the PA National Board Certifying Examination and the initial licensing fee in their chosen state for practice.

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 2024 will be accepted through the Central Application Service for Physician Assistants (CASPA) beginning April 27, 2023.
- 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.

Step 5: Pay your deposit

- Accepted students will have one week to accept or decline the offer. Upon acceptance of an offer, a \$1000 non-refundable enrollment deposit must be made (Link) to hold the applicant's spot in the class. The total deposit will be applied to the first semester tuition once the student matriculates.

Step 6: Prior to matriculation

- Obtain a physical exam and provide documented proof of program and college required immunizations. Program required immunizations (including COVID 19) are based on current Centers for Disease Control (CDC) recommendations for health professionals (<https://www.cdc.gov/vaccines/adults/rec-vac/hcw.html>). Proof of physical exam and immunizations should be submitted to the Student Health Center (<http://franklincollege.edu/student-life/health-center/>) 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 both of these screenings are the responsibility of the student and paid directly to the agency providing the screening.

- Provide documentation of current certification for American Heart Association (or equivalent) 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. However, a student should still apply early in the cycle with in-progress pre-requisite course(s). An applicant may complete a maximum of 1 course after September 1st. 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 "C" or better in the required course. Course/grade substitution may be requested only after a completed CASPA application is received.

- 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. Non-science major and online lab courses, while accepted, are not preferred.

- Social Sciences (2)
 - General Psychology (1 semester)
 - 1 additional behavioral/social science class (1 semester)
- Statistics/Biostatistics (1)
 - Any course (1 semester)
- Composition/Communications (1)
- 1 composition or communications course (1 semester)
- Medical terminology (1 semester)

Recommended Classes

- Biochemistry
- Bioethics
- Cell Biology
- Genetics
- Immunology
- Pathophysiology
- Pharmacology

Patient Care Hours

A minimum of 200 documented patient care hours under the supervision of a licensed health care professional is required.

- 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 include but are not limited to nurse, certified nurse assistant (CNA), medical assistant, EMT, paramedic, emergency room tech, scribe, surgical tech, athletic trainer, PT aide, etc.

Physician Assistant Shadowing

We encourage you to observe ("shadow") a PA in the field. 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 three letters of recommendation. One from a professor/instructor and one from a physician or other healthcare provider. The third letter is of the applicant's choosing. The third letter should **not** be from a personal reference and you should avoid using clinicians you only shadowed as a reference.

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 of 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. They are still required to submit an application to Franklin College through CASPA. 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.
- Applicants who meet any of the following criteria will receive additional consideration in the admissions process for each criterion met. Students must declare on their CASPA application under the Franklin College section that they wish to be considered.
 - Applicant is a graduate of Franklin College.
 - Applicant is from a medically underserved area or population in Indiana as designated by the Indiana State Department of Health.
 - Applicant is a member of an underrepresented in medicine population as determined by the American Academy of Medical Colleges.
 - Applicant is a current or former member of the US military.

Early Admission for Franklin College Undergraduate Students

Franklin College undergraduate students have the opportunity to apply as early as their junior year for early admission. They 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.

Franklin College undergraduate students must apply through CASPA. Juniors and seniors with a BCP GPA of 3.4 or above will be guaranteed to move onto the interview phase of the admissions process. Students with a BCP GPA less than 3.4

will be evaluated for attributes outlined on the Admission Requirement website page before a decision is made regarding interview invitation.

MSPAS 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 to maintain good standing in the program. 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 OR decelerated from the MSPAS Program following an evaluation of student progress by the Program Director and the faculty.

- 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.
- Students may also be dismissed due to professionalism violation/violations.
- If a student is placed on probation a second time, either for low cumulative GPA or failure of a course, the student will be automatically dismissed from the MSPAS Program and graduate studies.

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 Medicine 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 Medicine 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 be 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 be 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 Medicine 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

Assists students with the transition of becoming a clinically practicing physician assistant. Provides information on how to prepare for the new career, including obtaining certification, licensure, malpractice insurance, laws and regulations, and other essential items needed before beginning practice. Students will also spend significant time preparing for the PANCE exam.

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 which focuses on the role of the physician assistant in general surgery. The rotation is designed to provide students with supervised medical and clinical practice experiences enabling them to meet program expectations (outcomes) and acquire the competencies needed for entry-level clinical PA practice.

Under the supervision of a surgery 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 the pre-operative, intra-operative, and post-operative care and management. 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 both within the hospital and operating room settings. For the Surgery Clinical Course, the program-determined preceptor will be a physician who is board certified in general surgery or a PA that is supervised by a board certified surgeon.

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 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 which focuses on the role of the physician assistant in internal medicine. The rotation is designed to provide students with supervised medical and clinical practice 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 diseases in the hospital/ inpatient setting which will allow the student to focus on the management of more complex patients requiring hospitalized care. For the Internal Medicine Clinical Course, the program-determined preceptor will be a physician who is board certified in internal medicine or a PA that is supervised by a board certified internal medicine physician.

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 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 second year PA students which focus on the role of the physician assistant in the emergency department setting. The rotation is designed to provide students with supervised medical and clinical practice 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 geriatrics patient 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 board certified in emergency medicine or a PA that is supervised by a board-certified emergency medicine physician.

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 to the evaluation and management of acute, urgent and emergent problems commonly 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 which focuses on the role of the physician assistant in family medicine. The rotation is designed to provide students with supervised medical and clinical practice 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/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 board certified in Family Medicine or a PA that is supervised by a board certified Family Medicine physician.

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 which focuses on the role of the physician assistant in women's health. The rotation is designed to provide students with supervised medical and clinical practice 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 care. Students will perform history and physical exams, obtain/interpret diagnostic testing and develop differential diagnosis/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 board certified in obstetrics and gynecology or a PA that is supervised by a board certified ob/gyn physician.

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 which focuses on the role of the physician assistant in pediatrics. The rotation is designed to provide students with supervised medical and clinical practice 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/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 board certified in pediatrics or a PA that is supervised by a board certified pediatric physician.

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 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 which focuses on the role of the physician assistant in behavioral medicine. The rotation is designed to provide students with supervised medical and clinical practice 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 medicine 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 and mental health. Students will work to adapt the standard medical history, physical examination, diagnostic and treatment plans to the psychiatric patient. For the Behavioral Medicine Clinical Course, the program-determined preceptor will be a physician who is board certified in psychiatry or a PA that is supervised by a board certified psychiatrist.

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
Summer, 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 2023-2024

MS ATHLETIC TRAINING SUMMER SESSION • 2023-2024

Orientation/Classes begin.....	July 10
Last day of classes.....	Aug. 18

FALL SEMESTER • 2023-2024

New students arrive.....	Aug. 23
Bell Ceremony.....	Aug. 25
Returning students arrive	Aug. 27
Classes begin & Self Service registration closes.....	Aug. 28
Labor Day, college closed.....	Sept. 4
Last day to add a class or declare audit or pass/fail	Sept. 5
Last day to drop a class	Sept. 19
Winter & Spring classes posted on Self Service	Oct. 3
Early alert grades for new students due by noon	Oct. 3
Senior Competency period begins	Oct. 9
Incomplete grades from Spring & Summer due	Oct. 10
Mid-term grades due by noon	Oct. 13
Fall Break (Mon/Tues).....	Oct. 16-17
Last day to add second half semester classes.....	Oct. 24
New students register for winter term	Oct. 26
Registration for Winter & Spring begins	Oct. 30
Last day to withdraw from a class	Oct. 31
Senior Competency period ends.....	Nov. 10
Last day to drop second half semester classes	Nov. 10
Thanksgiving break	Nov. 22-24
Last day of classes.....	Dec. 7
Reading Day (no undergraduate classes).....	Dec. 8
Last day to submit Incomplete grade requests.....	Dec. 8
Final exam period.....	Dec. 11-14
Holiday break begins after exams.....	Dec. 14
Final grades due by noon.....	Dec. 18

IMMERSIVE TERM • 2023-2024

First day of classes	Jan. 2
Last day to add a class or declare audit & pass/fail	Jan. 3
Last day to drop a class	Jan. 5
Last day of classes.....	Jan. 19
Final grades due by noon.....	Jan. 23
No Classes	Jan. 22-26

*Graduate programs may follow separate calendars

SPRING SEMESTER • 2023-2024

Classes begin & Self Service registration closes	Jan. 29
Last day to add a class or declare audit or pass/fail	Feb. 5
Last day to drop a class.....	Feb. 16
Summer & Fall classes posted on Self Service	Feb. 19
Degree applications due	Feb. 21
Senior Competency period begins.....	Mar. 11
Incomplete grades from Fall & Winter due	Mar. 12
Mid-term grades due by noon.....	Mar. 18
Registration for Summer & Fall begins	Mar. 18
Spring Break.....	Mar. 25-29
Last day to add second half semester classes	Apr. 2
Last day to withdraw from a class	Apr. 8
Senior Competency period ends	Apr. 19
Last day to drop second half semester classes.....	Apr. 19
Scholars Day/Intercultural Honors Experience.....	May 2
Senior tentative grades due	May 6
Last day of classes.....	May 9
Reading Day (undergraduate program only)	May 10
Last day to submit Incomplete grade requests	May 10
Final exam period	May 13-16
Senior final grades due by noon	May 16
Commencement	May 18
Final grades due by noon.....	May 21
Memorial Day, college closed.....	May 27

SUMMER SESSION • 2023-2024

First day of Summer Session I classes	May 28
Last day to add/drop a class or declare audit or pass/fail (SSI)	May 29
Last day to withdraw from Session I classes.....	June 3
Juneteenth Holiday, college closed	June 19
Last day of Summer Session I, 4.5 week classes	June 28
Final grades for Session I, 4.5 week classes due at noon ..	July 2
First day of Summer Session II classes.....	July 2
Independence Day observed, college closed	July 4
Last day to add/drop a class or declare audit or pass/fail (SSII)	July 5
Last day to withdraw from Session II classes.....	July 9
Last day of Summer Session I, 8 week classes	July 24
Final grades for Session I, 8 week classes due at noon ..	July 26
Last day of Summer Session II classes	Aug. 2
Final grades for Summer Session II due at noon	Aug. 6

People

Board of Trustees

Executive Committee

Chair of the Board: Peter T. Cangany
Immediate Past Chair: James V. Due
Secretary: Susan Johnson DeVoss
Treasurer: James T. Napolitan
Chair, Academic Affairs Committee: Theresa J. Wright
Chair, Student Affairs Committee: John W. Auld, Jr.
Chair, Physical Facilities Committee: Susan Williams
Chair, Development Committee: Deana Haworth
Chair, Finance Committee: John R. Talley
Chair, Trusteeship Committee: David H. Dunkle
Chair, Enrollment Management Committee: Robert B. Brown
Chair, Investment Committee: Katharine M. Kruse
Chair, Audit Committee: Worthe S. Holt, Jr.
Chair, President's Committee: Robert A. DeVoss

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
 Yolanda M. Askew '90, Jamaica, NY; director of sales, fulfillment & special projects, NBC 4 New York
 John W. Auld, Jr. '76, Franklin, Indiana; president, Franklin Insurance Agency
 Todd Bemis '84, Bargersville, Indiana; president, Bemis Group
 **Ronald R. Bowsher, Ph.D., Indianapolis, Indiana; partner and chief scientific officer, B2S Life Sciences
 Robert B. Brown, Carmel, Indiana; chief executive officer, Brickell Biotech, Inc.
 Peter T. Cangany, Jr. '80, Bellevue, WA; retired senior partner, Ernst & Young LLP.
 Kevin D. Crowe '90, Smyrna, Georgia; Underwriting Team Manager, State Farm Insurance
 Robert A. DeVoss '69, Carmel, Indiana; retired partner/president, Retirement Management, Inc.
 Dr. Susan Johnson DeVoss '65 ('14), Fort Wayne, Indiana; retired vice president of human resources, Chase Manhattan Bank
 Dr. Billie Dragoo ('21), Indianapolis, Indiana; founder and chief executive office, RepuCare, Inc.
 Dr. James V. Due '82 ('22), Chicago, Illinois; senior vice president-head of credit risk & policy, global family & private investment offices, Northern Trust
 David H. Dunkle, M.D. '94, Greenwood, Indiana; president and chief executive officer, Johnson Memorial Health
 Cathy Dunn, Columbus, Indiana; president, Dunn & Associates Benefit Administrators, Inc.
 Amber Elwood '99, Columbus, Indiana; retired educator, Bartholomew Consolidated School Corporation
 Daniel P. Hann, Leesburg, Indiana; retired senior vice president, business development, Biomet, Inc.
 Deana Haworth '99, Indianapolis, Indiana; chief operating officer, Hiron
 Major General, USAF (ret.) Worthe S. Holt, Jr., MD, MMM, Fishers, Indiana; healthcare administrator/physician, chief medical officer, Wellvana Health
 Katharine Kruse, Indianapolis, Indiana; director, Mothershead Foundation
 James T. Napolitan, PhD ('12), Chicago, Illinois; commodity trader, Chicago Mercantile Exchange
 Rafael S. Sánchez, Jr. '92, Franklin, Indiana; News Anchor and Investigative Reporter, WRTV-ABC
 J. Randall Stocklin '00, Chicago, Illinois; founding partner, Zeal
 John R. Talley, Franklin, Indiana; former president, ProLiance Holdings
 Sean G. Thomasson, Columbus, Indiana; attorney, founding partner, Thomasson, Thomasson, Long, and Guthrie

David W. Wantz, Ed.D., Indianapolis, Indiana; retired president and chief executive officer, Independent Colleges of Indiana

Yolanda S. White '92, Indianapolis, Indiana; corporate affairs unit manager, Honda Manufacturing of Indiana

Susan Williams '67, Indianapolis, Indiana; retired president, Indiana Sports Corporation

Theresa J. Wright, M.D. '72, Indianapolis, Indiana; retired senior medical fellow, consultant – cardiology & early phase medicine, global patient safety, Eli Lilly and Company

Trustees Emeriti

William R. Brown '61, Indianapolis, Indiana

Mary Ann Collier, San Francisco, California

Dr. Christine S. Fields '74 ('19), Indianapolis, Indiana

Pamela Herring Hicks '56, Greenwood, 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

T. Randall Tucker '53, Columbus, Indiana

Carol S. Tumey '63, Greenwood, IN

Constance Richardson Van Valer, M.D. '59, Indianapolis, Indiana

****Alumni Representatives to the Board***

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: Janet Schantz - 1975; 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, MISIM Keller Graduate School of Management, DeVry University

Associate Registrar: Jarrod Brett – 2003; BA, Franklin College; MA Indiana University

Assistant Registrar: Amy Faught-Smith—2020; BS, Indiana Institute of Technology

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; MA, Baldwin Wallace University

Assistant Director of Admissions: Makayla Bissonnette—2022; BA, Ursuline College

Assistant Director of Admissions & Coordinator of Transfer Recruitment: Weston Deshon—2020; BA, Franklin College

Admissions Enrollment Assistant: Cora Parker—2023; BS, University of Indianapolis

Campus Visit Coordinator: TBA

Enrollment Technology Manager: TBA

Admissions Counselors:

Elliot Clark—2022; BA, Franklin College

Madisyn Hendricks—2022; BA, Franklin College

Bennie Patterson—2023; BA, Franklin College

Carolina Puga Mendoza—2022; BA, Franklin College

Director of Financial Aid: TBA

Assistant Director of Financial Aid: Kelly Casey—2019; BA, University of Indianapolis

Financial Aid Coordinator: Kerri Coghill—2023; BA, Southern New Hampshire University; MA, Southern New Hampshire University

Director of Marketing: Mary White—2022; BS, Indiana University; BFA, Indiana University

Social Media and Marketing Coordinator: Brandon Eades—2021; BA, Franklin College

Graphic Web Designer: Sandy Shoaf—2019; BA, Brigham Young University

Web Content Manager: Bob Blake—2022; BA, University of Dayton

Vice President and Chief Financial Officer: Kevin Honingford—2021; BS, Bowling Green State University; MBA, Duke 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: Matt Dusing—2022; BA, Franklin College

General Manager of Campus Dining Services (Parkhurst): Deva Duncan – 2019

Manager of Bookstore (Follett): Matthew Neau—2018; BS, Louisiana State University

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: Lexi Deshon – 2020

Superintendent, Building Services: TBA

Supervisor, HVAC and Plumbing: Thomas (Doug) DeWees—1998; AS, Community College of the United States Air Force

Supervisor, Electrical and General Trades: Craig Parker—2009; BA, Franklin College; MFA, Butler University

Supervisor, Grounds: Adam Miller—2021

Vice President for Institutional Advancement: Dana Cummings – 2018; BA, DePauw University; MPA in Nonprofit Management, Indiana University-Bloomington School of Public and Environmental Affairs

Director of Alumni Engagement and Campus Partnerships: Emily Olibo-2013; BA, Franklin College

Director of Communications: Deidra Baumgardner – 2002; BS, Ball State University

Senior Director, Advancement Services and Analytics: Adam Dunigan—2009 , BA, Franklin College

Director of Planned Giving: Nora Brems – 2008; BA, Franklin College

Director of Development: Taylor Odgen—2023; BA, Indiana University-Indianapolis; MPA in Nonprofit Management, Indiana University-Indianapolis

Assistant Vice President of Alumni Engagement and Annual Giving: Lee Ann Jourdan-2018; BS, Indiana University-Bloomington

Assistant Director of Gift Administration and Database Management: Sherri Dunn-2015; BS, Indiana University-Purdue University of Indianapolis

Director of Annual Giving and Stewardship: Jill Bode—2021; BS, Purdue University

Assistant Director of Alumni Communications and Events: Traci Hill—2022; BS, University of Southern Indiana

Communications Assistant: 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 Involvement and Greek Life: Jill Peffley—2023; BS, University of Findlay, Ohio

Assistant Director of Student Involvement: TBA

Program Coordinator: Kandra Sejas—2019; BA, Marian College; MA, Wright State University

Associate Dean for Student Success: Kellie Schmidt—2014; BA, Franklin College; MA University of St. Mary; MA, University of Indianapolis

Director of First Year Engagement: Jacob Cole—2023;

Administrative Assistant for the Centers for Student Success and Diversity & Inclusion: TBA

Student Success Coordinator: TBA

Academic Resource Coordinator: Sarah Rogers—2021; BA, Indiana University; MA, Syracuse University

Associate Dean of Students: Kathryn Dennehy—2020; BS, State University of New York College at Oneonta; MS, Indiana State University

Director of Counseling: Sara Kinder – 2015; BA, Indiana University; MA, Indiana University, Indianapolis

Counselor: Annie Kruse—2021; BA, University of Denver; MA, University of Denver

Coordinator of Health Services: Katy Alexander—2021; BA, Franklin College; BS, Indiana University School of Nursing

Residence Life Area Coordinator: TBA

Residence Life Area Coordinator: TBA

Director of Religious Life and Chaplain: Hannah Adams Ingram – 2017; BA, Anderson University; Master of Theological Studies, Emory University; PhD, University of Denver

Director of the Center for Diversity and Inclusion: Maegan Pollonais—2021; BA, State University of New York at Plattsburgh, MM, Bowling Green University; DA, Ball State University

Assistant Director of the Center for Diversity and Inclusion: Kalyn Johnson—2020; BA, Western Kentucky University; MA, Eastern Michigan University

Executive Secretary for Student Development: TBA

Director of Athletics: Lance Marshall – 1997; BA, Elmhurst; MA, Rockford College

Assistant Director of Athletics: Chris Hamilton—2022; BA, Randolph-Macon College; MS, Mount St. Mary University

Assistant Director of Athletics & Senior Woman Administrator: Angela Bain—2020; BA, Valparaiso University; MA, University of North Carolina at Charlotte

Head Athletic Trainer: Chris Shaff – 2003; BA, Franklin College; MA, Valparaiso University

Sports Information Director: Ryan Thomas – 2008; BA and MS, Western Illinois

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: Jessica Darmelio—2022; BA, Franklin College

Men's/Women's Cross Country: Brandon Dworak – 2017; BA, Wisconsin-Stevens Point; MA, Boise State University

Esports: Todd Burris—2021; BS, Indiana State University

Football: Alan Hensell—2019; BA, Franklin College

Men's Golf: Kyle Dell—2022

Women's Golf: Roger Lundy – 2007; BS, Ferris State University

Women's Lacrosse: Todd Burris—2021; BS, Indiana State University

Men's Soccer: Josh Galvin—2022; BA Luther College; MS, UW-Platteville

Women's Soccer: Jennifer Jackson—2022; BS Stetson University; MA, Shorter University

Softball: Angela Bain—2020; BA, Valparaiso University; MA, University of North Carolina at Charlotte

Men's/Women's Swimming/Diving: Andrew Hendricks – 2008; BS, Indiana University; MBA, Indiana Wesleyan University

Men's Tennis: Ryan Hammer-2022; BA, Franklin College

Women's Tennis: Rusty Hughes – 1988; AS, Vincennes University

Men's/Women's Track & Field: Brandon Dworak – 2017; BA, Wisconsin-Stevens Point; MA, Boise State University

Associate Men's/Women's Track & Field: Taylor Sadkowski—2023; BA, North Central College; MS, University of Indianapolis

Men's/Women's Volleyball: Randi Garrett—2021; BS, Dominican College

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

Steven M. Scheer – 2012, associate professor; BS, Indiana University; MBA, Saint Francis College; DBA, Anderson University

Emily D. Jones – 2013, associate professor; BA, Franklin College; MBA, Butler University

Andrea Mescall—2021, instructor; BA, Franklin College; MBA, Indiana State University

Mathematics and Computing Department

G. Daniel Callon – 1987, professor; BA, Franklin College; MA, Indiana University; PhD, University of Cincinnati

Kerry D. Smith – 1996, professor; BA, Franklin College; MA, Miami University; PhD, Auburn University

Robert E. Beasley – 1997, professor; BS, 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, associate professor; BS, Xavier University; MS and PhD, University of Notre Dame

Paul Fonstad – 2012, associate professor; BA, Winona State University; MS and PhD, University of Wisconsin-Milwaukee

Education Department

Sherri S. Hall – 2002, assistant professor; BA, Heidelberg College; MA, Bowling Green State University

Amy Schulz—2017, lecturer; BA, Franklin College; MA, Indiana Wesleyan University; MS, Indiana University-Purdue University Indianapolis

Kea Deppe—2020, instructor; BS, Indiana University; MBAE, University of Indianapolis

Lana Jochim—2021, instructor; BA, University of Southern Indiana; MS, Indiana University-Purdue University Indianapolis

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, associate professor; BS, MS, and PhD, IUPUI

Adam Heavrin – 2016, assistant professor; BS and MS, IUPUI

Lauren Ryan—2021, instructor; BS, Indiana University; MS, Indiana University

Art Department

Svetlana Rakic – 1996, professor; BA, University of Belgrade; MA, University of Belgrade; PhD, Indiana University

David Cunningham – 2007, professor; BFA, University of Evansville; MFA, Indiana University

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
Ross Venneberg—2021, assistant professor; BA, St. Mary's College of California; MM, Manhattan School of Music; MM, University of Wisconsin-Milwaukee; DMA, University of Washington

Theatre Department

- Robin E. Roberts** – 2004, professor; BA, Clemson University; MA, University of South Carolina; MFA, Southern Illinois University
Gordon R. Strain – 2006, professor; 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, 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, visiting 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

Modern Language Department

- Sara N. Colburn-Alsop** – 2001, professor; BA, Ripon College; MA, Middlebury College; PhD, Indiana University
Kristin Wasielewski – 2004, assistant professor; BA, MA, PhD, University of Wisconsin, Madison
Daniel T. Alsop – 2007, associate professor; BA, MAT, Indiana University; PhD, Purdue University
Águeda Formoso Mayán – 2011, assistant professor; BA, Dominican University; MA, Northern Illinois University
William Jarrod Brown – 2012, associate 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, assistant professor; BA, Franklin College; MTS, Vanderbilt University Divinity School; ABD, IUPUI

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

Biology Department

- Alice A. Heikens** – 1991, professor; BS and MS, University of Central Arkansas; PhD, Southern Illinois University
Benjamin J. O'Neal – 2010, professor; BA, Anderson University; MS and PhD, University of Illinois
Katharine Harris—2019, assistant professor; BS, Purdue University; PhD, University of Pittsburgh
Michelle Marasco—2021, assistant professor; BA, Hanover College; MS, University of Utah; PhD, Indiana University

Chemistry and Physics Department

Arbin Thapaliya – 2016, associate professor; BS and MS, Tribhuvan University, Nepal; MS and PhD, Ohio University

Wei Wei—2018, assistant professor; BS, Wuhan University; PhD, Texas A&M University

Steven J. P'Pool—2019, assistant professor; BS, University of Kentucky; PhD, University of Alabama

Hilary Florian—2020, assistant professor; BS, Pennsylvania State University; PhD, Purdue 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, associate professor; BA, Universidad Nacional Mayor de San Marcos; MA and PhD, University of Notre Dame

Katie Streit—2020, assistant professor; BS, Newman University; BA, Newman University; MA, University of Houston; PhD, University of Houston

Political Science Department

Randall D. Smith – 2009, professor; BA, Quincy University; MA, University of Illinois at Springfield; PhD, University of Illinois at Chicago

Allison Fetter-Harrott – 2011, professor; BS, New York University; MS, Butler University; JD, Indiana University School of Law; PhD, Indiana University

Psychology Department

Jamie L. Bromley – 2009, professor; BA, University of Dallas; MA, Duquesne University; PhD, The University of Akron

William Eiler—2017, assistant professor; BA and BS, Indiana-Purdue University Indianapolis; MS and PhD, Indiana-Purdue University Indianapolis

Robert Bromley—2022, lecturer; BA, University of Pittsburgh at Bradford; BA, Franklin College; MS, Virginia Commonwealth University; MA, Indiana University-Purdue University Columbus

Sociology Department

Jason B. Jimerson – 2002, professor; BA, Earlham College; MA, University of Virginia; PhD, University of Chicago

Trisha Crawshaw—2022; instructor; BA, MA, PhD Southern Illinois University

Master of Science in Athletic Training (MSAT)

Tiffany Franklin – 2020, MSAT Program Director and assistant professor; BA, Franklin College; MA Ball State University; EdD, Spalding University

Katherine M. Remsburg—1999, director of graduate health programs and professor of athletic training; BS University of Indianapolis; MA, Illinois State University

Jeffrey Williams – 2016, associate professor; BS, Olivet Nazarene College; MS and PhD, Illinois State University

Master of Science in Physician Assistant Studies (MSPAS)

Jasmina Cheeseman, PA-C—2018, MSPAS Program Director and assistant professor PA-C; BS, Purdue University; MS Indiana State University

Brittany LaBonte, PA-C—2018, assistant 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

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
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
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Lloyd A. Hunter – 1978-2005, professor emeritus of history
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