Franklin College

Academic Course Catalog

2015 - 2016

Franklin College
101 Branigin Boulevard
Franklin, Indiana 46131-2623
317.738.8000

The ONLINE CATALOG is located on the Franklin College website at
http://www.franklincollege.edu/catalog
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Mission, Vision, and Values and Introduction</td>
<td>3</td>
</tr>
<tr>
<td>Admission Policies</td>
<td>5</td>
</tr>
<tr>
<td>Expenses and Financial Policies</td>
<td>9</td>
</tr>
<tr>
<td>Financial Aid Policies and Scholarships</td>
<td>14</td>
</tr>
<tr>
<td>Student Life</td>
<td>23</td>
</tr>
<tr>
<td>Academic Policies and Procedures</td>
<td>30</td>
</tr>
<tr>
<td>Cooperative Programs</td>
<td>61</td>
</tr>
<tr>
<td>Global Education Programs</td>
<td>64</td>
</tr>
<tr>
<td>The Curriculum</td>
<td>66</td>
</tr>
<tr>
<td>Degree Requirements</td>
<td>67</td>
</tr>
<tr>
<td>Liberal Arts</td>
<td>68</td>
</tr>
<tr>
<td>Winter Term</td>
<td>77</td>
</tr>
<tr>
<td>Professional Development</td>
<td>79</td>
</tr>
<tr>
<td>Academic Success &amp; Opportunity Program</td>
<td>83</td>
</tr>
<tr>
<td>Accounting</td>
<td>84</td>
</tr>
<tr>
<td>American Studies Program</td>
<td>89</td>
</tr>
<tr>
<td>Art</td>
<td>91</td>
</tr>
<tr>
<td>Athletic Training</td>
<td>102</td>
</tr>
<tr>
<td>Biology</td>
<td>112</td>
</tr>
<tr>
<td>Business</td>
<td>126</td>
</tr>
<tr>
<td>Canadian Studies Program</td>
<td>135</td>
</tr>
<tr>
<td>Chemistry</td>
<td>138</td>
</tr>
<tr>
<td>Computing</td>
<td>152</td>
</tr>
<tr>
<td>Creative Writing</td>
<td>193</td>
</tr>
<tr>
<td>Economics</td>
<td>158</td>
</tr>
<tr>
<td>Education</td>
<td>164</td>
</tr>
<tr>
<td>Engineering</td>
<td>191</td>
</tr>
<tr>
<td>English</td>
<td>193</td>
</tr>
<tr>
<td>Exercise Science</td>
<td>202</td>
</tr>
<tr>
<td>French</td>
<td>211</td>
</tr>
<tr>
<td>History</td>
<td>216</td>
</tr>
<tr>
<td>Individualized Major</td>
<td>222</td>
</tr>
<tr>
<td>Leadership Program</td>
<td>224</td>
</tr>
<tr>
<td>Mathematics</td>
<td>229</td>
</tr>
<tr>
<td>Medical Technology</td>
<td>238</td>
</tr>
<tr>
<td>Military Science</td>
<td>240</td>
</tr>
<tr>
<td>Multimedia Journalism</td>
<td>241</td>
</tr>
<tr>
<td>Music</td>
<td>249</td>
</tr>
<tr>
<td>Philosophy</td>
<td>256</td>
</tr>
<tr>
<td>Physical Education</td>
<td>261</td>
</tr>
<tr>
<td>Physics</td>
<td>261</td>
</tr>
<tr>
<td>Political Science</td>
<td>267</td>
</tr>
<tr>
<td>Pre-Law Curriculum</td>
<td>273</td>
</tr>
<tr>
<td>Psychology</td>
<td>275</td>
</tr>
<tr>
<td>Public Health</td>
<td>281</td>
</tr>
<tr>
<td>Public Relations</td>
<td>283</td>
</tr>
<tr>
<td>Religion</td>
<td>288</td>
</tr>
<tr>
<td>Sociology</td>
<td>292</td>
</tr>
<tr>
<td>Spanish</td>
<td>299</td>
</tr>
<tr>
<td>Theatre</td>
<td>306</td>
</tr>
<tr>
<td>Women’s Studies Program</td>
<td>310</td>
</tr>
<tr>
<td>Graduate Policies and Programs</td>
<td>311</td>
</tr>
<tr>
<td>Master of Science in Athletic Training</td>
<td>314</td>
</tr>
<tr>
<td>Academic Calendar</td>
<td>325</td>
</tr>
<tr>
<td>People</td>
<td>328</td>
</tr>
<tr>
<td>College’s Contact Information</td>
<td>343</td>
</tr>
<tr>
<td>Index</td>
<td>344</td>
</tr>
</tbody>
</table>
Introduction

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.

With a first-rate educational program, excellent location, strong endowment, attractive campus, high degree of satisfaction among students and alumni, and an outstanding student body, faculty, staff, and Board of Trustees, the college is well prepared to continue its tradition of excellence into the 21st century. Franklin College maintains a voluntary affiliation with the American Baptist Churches, U.S.A., and the American Baptist Churches of Indiana and Kentucky. This affiliation affirms the traditional American Baptist respect for religious faith, religious liberty, and religious pluralism.

Mission

Franklin College prepares graduates, through the liberal arts, to think independently, to lead responsibly, and to serve with integrity in their professions, their communities, and the world.

Vision

By infusing its strong liberal arts curriculum with applied-learning experiences that motivate, deepen, and enrich student learning, Franklin College prepares students of diverse backgrounds for challenging careers and meaningful lives in a dynamic, interconnected world.

Values

Franklin encourages each student to develop a personal value system that reflects the central values of Franklin College:

- Respect — The belief in the intrinsic worth of self, others, and the earth leading to actions – such as justice, caring, civility, and the improvement of the world— that promote the well-being of self, a valuing of diversity, and good stewardship.

- Honesty — The ability and willingness to live in a manner that reflects truth and integrity.

- Responsibility — The capacity to accept the outcomes of one’s actions and the strength to choose those actions that will positively affect one’s life and the lives of others in community.

- Life-Long Pursuit of Learning — The dedication to seek opportunities for continuous learning and self-improvement in which personal creativity, excellence, flexibility, and community service are cultivated.
• Faith — A recognition that one’s life is grounded in central convictions about ultimate matters that provide purpose and meaning beyond personal wants and needs, and an understanding that spiritual growth requires reflection on these convictions.

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, the National Council for Accreditation of Teacher 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.

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, winter 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 committee evaluates each applicant’s academic record, aptitude test scores, 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 considered. 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 freshman** - 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 or paper format.
2. An official secondary school transcript
3. Results of the SAT or ACT examinations. If you have not taken the exam, please list Franklin College to receive access to your score report, by coding 1228 for the SAT and 1194 for the ACT.
4. A $40 application fee for paper applications. Please note: This fee is waived for students applying prior to December 1st.

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

Admitted freshmen must submit a $100 enrollment deposit to secure their position in the incoming class. The enrollment deposit is refundable prior to May 1st.

**Winter Term enrollment** – Franklin College’s preference is **not** to enroll any new students mid-semester during our Winter Term. All exceptions to this policy will be made on a case-by-case basis. All students who would like consideration must submit their application for admission and statement detailing why they need to enroll during this term to the Franklin College Office of Admissions. **The deadline for receipt of all statements and applications for admission during Winter Term will be no later than December 1st.**

**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 1st.**
Transfer students – The transfer student application must be submitted online. If a student is less than five years removed from high school the following documents are required: official transcript from each college or university attended, transfer student recommendation form, results of the SAT or ACT examination and the high school transcript. All other transfer students who have been out of high school longer than five years should contact the Office of Admissions to discuss documents that will be required. Please note there is a $40 application fee, payable online, for all transfer applications. Admission decisions regarding transferring students are based upon the academic record at both the post-secondary institution and the secondary school. Students transferring to Franklin College must be in good standing both academically, socially and financially with their previous institution. Transfer students who intend to enroll at the college must submit a $100 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 a regionally accredited institution
- 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 – Applicants are required to submit an application, international student supplement, all educational transcripts, financial records and evidence of all test results for various governmental examinations. International students are also required to take the Test of English as a Foreign Language (TOEFL) or successfully complete level 113 in an English Language Service (ELS) Center. The TOEFL is given at centers throughout the U.S. and abroad at various times of the year. A minimum score of 550 on the paper based TOEFL or 213 on the computer based TOEFL or 80 on the internet based TOEFL is required. An essay detailing why the student is applying to Franklin College is also required. Furthermore, international students are required to complete several documents and participate in a Skype interview with the Office of Global Education. International students who intend to enroll must submit a $1,500 enrollment deposit and exchange students who intend to enroll must submit a $500 enrollment deposit effective beginning Fall 2016.

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 via PDF online at: http://www.franklincollege.edu/admissions/apply-now/other-applicants/. The application should be submitted with high school and/or college transcripts. A $100 enrollment deposit must be submitted to the Office of Admissions in order to register for courses. This deposit will go into a student account and be debited from the cost of the course(s).

Readmits - 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 print a PDF of the Readmit application from http://www.franklincollege.edu/admissions/apply-now/other-applicants/. 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 $100 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 print the PDF of the Part-Time Non-Degree Seeking application available at: [http://www.franklincollege.edu/admissions/apply-now/other-applicants/](http://www.franklincollege.edu/admissions/apply-now/other-applicants/), and submit the application to the Office of Admissions. The cost per course is $25.

**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 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 print off a Running Start application at [http://www.franklincollege.edu/admissions/apply-now/other-applicants/](http://www.franklincollege.edu/admissions/apply-now/other-applicants/). Follow the directions to submit your application and pay the $30 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 $400 effective beginning Fall 2016.

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](http://www.franklincollege.edu)

Franklin College is a member of the National Association of College Admission Counselors and subscribes to its statement of principles of good practice.
Expenses and Financial Policies 2015-2016

Regular Full-time Student (12 or more hours per semester)
Tuition Deposit.................................................................$100
International Student Deposit (effective 2016-2017)..............................$1,500
Tuition (12 to 20 hours per semester)........................................................................$28,840
Winter Term Tuition (for students starting in Winter Term).................................$415
Room:
  Basic Occupancy ........................................................................$5,150
  Double as a Single Occupancy .................................................................$7,150
  Cancellation of housing contract after May 10 ..............................................$500
  Cancellation of housing contract after occupancy (25% of contract)...............$1,287
  Winter Term (for students starting in Winter Term).........................................$415
Board:
  Comprehensive Meal Plan (excluding winter term)..........................................$3,500
  Limited Meal Plan (excluding winter term) ..........................................................$3,190
  Winter Term .........................................................................................$390
  Student Activity Fee ..............................................................................$185
  Extra Hours Fee per Credit (over 20) .................................................................$415

Part-time Student
Tuition per Credit Hour
  4 Credit Hours or Less .................................................................................$415
  5-11 Credit Hours .......................................................................................$1,070
Student Activity Fee per Credit Hour
  4 Credit Hours or Less ..................................................................................$0
  5 - 11 Credit Hours .........................................................................................$6

Summer School (Summer of 2016)
Tuition per Credit Hour .......................................................................................$205
Room, Double Occupancy
  Summer I (June 1-July 24) ...........................................................................$300
  Summer II (July 6-August 5) ...........................................................................$300
Intersession Housing
  Intercession I - May/June ...............................................................................$100
  Intercession II - July .......................................................................................$0
  Intercession III - August ..................................................................................$200

Other Educational Fees
High School Advanced Program / Running Start:
  Tuition per Course (maximum of two courses) ..................................................$250
  Tuition per Course (maximum of two 4 credit courses) (Effective 2016-17)........$400
  Tuition per Credit Hour greater than 4 credits (Effective 2016-17) .......................$100
  Lab fee (Effective 2016-17) ............................................................................$75
Audit Fee (per course, max of two courses per semester) .......................................$200
Mature Students Registration Fee per Semester ..................................................$25
  Tuition - free for age 65 or older for a regular on-campus course
Private Music Lessons (per course plus normal tuition charge) ..........................$200
Expenses Continued: Prices subject to change

ART 170 Painting I (nonrefundable)..............................................................................$100
ART 270, 370, 470 Painting II-IV (nonrefundable)......................................................$30
ART 175, 275, 375, 475 Ceramics I-IV (nonrefundable)..............................................$75
ASC 080 Academic Strategies for College I (nonrefundable) ......................................$55
ATR 182 Clinical Experiences in Athletic Training I ....................................................$5
BIO/CHE 390 Professional Development Planning ....................................................$20
EDE 336 Science and Teaching I .................................................................................$20
EDU 401 CPR/AED/Heimlich Certification for Education Majors ................................$21
EXE 222 First Aid and CPR/AED for the Professional Rescuer .................................$40
LA 112 Climate Change and You: Making a Difference ............................................$50
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
SPA 312 Pronunciation for Communication .............................................................$60
THE 235 Scenic Painting (nonrefundable) ..................................................................$100
THE 236 Production Design (nonrefundable) ............................................................$50
Student Teaching Fee (EST 489 & SST 489) ..............................................................$125
Education Field Experience Fee ..............................................................................$15
                                          (INE 200, INE 300, INE 400, EFE 284, EFE 384, EFE 385, EFE 484, SFE 284,
                                          SFE 384, SFE 385, SFE 484)
Drop or Postpone Education Field Placement .........................................................$25
Drop or Postpone Student Teaching Placement .......................................................$50
Winter Term Travel Course .....................................................................................$4,000
Program Abroad: Non-FC Partner or ISEP program (semester) ...............................$5,000

Other Institutional Fees
Parking Permit - Per Year ..........................................................................................$40
Parking Permit - Per Semester ..................................................................................$25
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.
**Payment of Fees**

Tuition, fees, and room and board charges are assessed by the college on a yearly basis. However, they are payable on a semester schedule, due on August 15 and January 15 each year. Students who arrive on campus with a balance due 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 (phone 317-738-8031). Franklin College offers an extended payment plan through Tuition Management Services (TMS) ([www.franklincollege.afford.com](http://www.franklincollege.afford.com) or 1-800-722-4867) as an alternative to the semester billing schedule. TMS charges $40 per semester for a monthly payment plan. Students should contact the business office concerning the details of the plan. MasterCard, Visa, American Express and Discover are also accepted, and you may pay with a credit card online at [www.franklincollege.edu](http://www.franklincollege.edu).

**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 $250 per course. A student may take no more than two courses per semester. (Beginning in the 2016-2017 academic year Running Start students will be charged $400 per course, and courses with labs are charged a $75 lab fee. Courses over 4 credits will be charged an additional $100 per credit hour.)

**Mature Students**

Tuition is free for students age 65 or older. Mature students are charged a $25 registration fee each semester.

**Financial Clearance**

Students will be denied registration privileges and housing applications if a balance is owed the college in an amount greater than $300 as of the due date for these activities. On June 1 and January 1, students owing an amount greater than $300 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.

**Reduction of Fees**

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 or drop as recognized by the Office of Student Affairs and Academic Records Office. See Academic Policies for Withdrawal and Add-Drop procedures. Reduction of Charges policies are subject to change annually.

Students who reduce their credit load from full-time to less than 12 hours per semester are eligible for a proportionate amount of a fee reduction based on the difference between full-time and part-time tuition charges according to the following refund schedules.
Students must be aware that a change to part-time status may put their athletic, housing, board, and financial aid eligibility in jeopardy.

Refunds will be credited to federal and state financial aid sources first and then to institutional sources. Any remaining credit balance will be refunded to the student. Refund calculations will be completed within 30 days of recognized withdrawal date. 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 student affairs department.
2. Receive confirmation of withdrawal from the Dean of Students.
3. Clear all financial accounts through the business office.
4. Report to the financial aid office if the student received any financial aid (scholarships, grant, work, or loan).

Proper withdrawal papers must be submitted to the student affairs office. 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.

**Calculation of Fee Reductions**

**Fall and Spring Semesters**

When a student 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 100.0%
- 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 refund is given after the eighth week of classes

Fall semester weeks begin on Monday, and Spring semester weeks begin on Wednesday.

Board fee reductions will be 100% if the withdrawal occurs prior to or on the 14th day of the semester. There will be no reductions if withdrawal occurs after the 14th day of the semester.

Information on Housing reduction policies is available at the Student Affairs Office.
**Winter Term**
Board will be calculated on a pro-rata basis of 25% of winter term charge per week. Cancellation of the board plan must be approved by student affairs. As there is no additional charge for winter term room for those students enrolled full time in the fall semester, no fee reduction applies. No reduction of tuition or room is made to a student who does not attend or lives off campus during winter 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.

**Housing contracts** may be terminated without penalty by the student if written notification is received by the Department of Residence Life on or before May 10th. Termination of the contract for any reason after May 10th but prior to occupancy will result in a $500 cancellation fee. Cancellation of the housing contract after a student has occupied the room and prior to the end of the contract will result in a penalty equivalent to 25% of the total housing contract obligation. Students who cease enrollment or receive an exception may receive a fee reduction for their room costs in accordance with the fee reductions schedule.

**Non-Refundable Charges** include activity fee, late payment fee, payment arrangement fee, private music lessons, art course fees, parking annual permit, audit fees, Running Start fees, room cancellation fee, study abroad cost, and winter term travel.

If withdrawal becomes necessary, please contact the **Student Affairs Office** for more information and to set up an exit interview.
Financial Aid Policies

Financial aid is defined as any non-repayable scholarships or grants, repayable loans or employment eligibility used to pay for college expenses. The goal of financial aid is to provide financial assistance to students who would not be able to attend Franklin College without such assistance. Because of limited funding, it is not always possible to assist all eligible applicants to the full amount of financial need. **Students who qualify for more than one college scholarship or award will receive the one with the highest value.**

Financial aid received from several sources (Franklin College, federal, state, and local awards) must be coordinated by the financial aid office to ensure that total financial aid does not exceed any regulatory limits. Students and parents should contact the financial aid office with any questions about the financial 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. All undergraduate students are automatically considered for scholarships when they are accepted for admission.

**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) are only eligible for Federal Pell Grants and federal student loans. Students applying for financial aid by March 10 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.fafsa.gov](http://www.fafsa.gov) and should be submitted by March 10 for each year that financial assistance is requested. Students filing the FAFSA after March 10 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 financial aid office. Students are required to report all financial aid received from external funding sources.
Financial Aid for Study Abroad—Financial aid is available for study abroad and is calculated based on the program the student selects. Students are invited to apply for study abroad assistance through the Office of Global Education and the Office of Financial Aid. 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—Students must make satisfactory progress toward graduation each academic year to be eligible to receive additional financial assistance for the following academic year. The detailed progress policy is available from the financial aid office.

Appeal Procedures—Students concerned about financial aid awards may submit a written appeal to the financial aid office.

Undergraduate Academic Scholarships and Awards

Ben Franklin Distinguished Scholarship - Entering students selected for this scholarship join a group of talented individuals recognized for their superior academic achievement and potential for leadership. This scholarship is awarded annually and provides the equivalent of full tuition. It is renewable for up to eight total semesters provided a minimum cumulative grade point average of 3.0/4.0(A=4.0) is maintained. To be considered, students must graduate high school with a 3.9 GPA or higher on a 4.0 scale and achieve a SAT composite score of 1860 or higher and/or ACT composite score of 28 or higher. Selections will be based upon academic achievement, recommendations, and leadership demonstrated in both curricular and extracurricular activities. Recipients must reside in college owned housing while receiving this award.

President’s Academic Scholarship - Entering students selected for this scholarship are recognized for their outstanding academic achievement and leadership potential. The scholarship is renewable for up to eight total semesters provided a minimum cumulative grade point average of 3.0/4.0(A=4.0) is maintained. To be considered, students must graduate high school with a 3.9 GPA or higher on a 4.0 scale and achieve a SAT composite score of 1860 or higher and/or ACT composite score of 28 or higher. Selections will be based upon academic achievement, recommendations, and leadership demonstrated in both curricular and extracurricular activities.

Founders Scholarship - Entering students selected for this scholarship are recognized for their outstanding academic achievement and leadership potential. The scholarship is renewable for up to eight total semesters provided a minimum cumulative grade point average of 3.0/4.0(A=4.0) is maintained. To be considered, students must graduate high school with a 3.9 GPA or higher on a 4.0 scale and achieve a SAT composite score of 1860 or higher and/or ACT composite score of 28 or higher. Selections will be based upon academic achievement, recommendations, and leadership demonstrated in both curricular and extracurricular activities.
Trustees Scholarship - Entering students selected for this scholarship are recognized for their outstanding academic achievement and leadership potential. The scholarship is renewable for up to eight total semesters provided a minimum cumulative grade point average of 3.0/4.0 (A=4.0) is maintained. To be considered, students must graduate in the top 10 percent of their high school class (if the school ranks students) and achieve a SAT composite score of 1760 or higher and/or ACT composite score of 26 or higher. Selections will be based upon academic achievement, recommendations, and leadership demonstrated in both curricular and extracurricular activities. There are a limited number of these awards offered. Those who apply early will receive top consideration.

Distinguished Deans Scholarship - Entering students selected for this scholarship are recognized for their outstanding academic achievement and leadership potential. The scholarship is renewable for up to eight total semesters provided that the student maintains satisfactory academic progress toward their degree. To be considered, students must graduate in the top 20 percent of their high school class (if the school ranks students) and achieve a SAT composite score of 1600 or higher and/or ACT composite score of 25 or higher. Selections will be based upon academic achievement, recommendations, and leadership demonstrated in both curricular and extracurricular activities. There are a limited number of these awards offered. Those who apply early will receive top consideration.

Discovery Scholarship - Entering students selected for this scholarship are recognized for their outstanding academic achievement and leadership potential. The scholarship is renewable for up to eight total semesters provided that the student maintains satisfactory academic progress toward their degree. To be considered, students must graduate in the top 50 percent of their high school class (if the school ranks students) and achieve a SAT composite score of 1400 or higher and/or ACT composite score of 22 or higher. Selections will be based upon academic achievement, recommendations, and leadership demonstrated in both curricular and extracurricular activities. There are a limited number of these awards offered. Those who apply early will receive top consideration.

Directors Award - Entering students selected for this scholarship are recognized for their outstanding academic achievement and leadership potential. The scholarship is renewable for up to eight total semesters provided that the student maintains satisfactory academic progress toward their degree. There are a limited number of these awards offered. Those who apply early will receive top consideration.

Aspire Scholarship – This scholarship will be awarded to a selected group of entering students who fall into the under-represented in the Franklin College student population. Scholarships will provide $500 to full tuition per year and can be applied to tuition or room and board at Franklin College and are stackable on top of other Franklin College scholarships each year if the student remains in good academic standing and advances with the class.
National Pulliam Journalism Scholarship – This full tuition scholarship is provided by an endowment created by the late Eugene C. Pulliam. Scholarship recipients are selected primarily on the basis of participation in high school journalism and academic potential. Financial need may be a consideration. To maintain this eight-semester scholarship, the recipient must be a journalism major, maintain a 3.00 (A=4.00) cumulative grade point average, and maintain active participation in the journalism department.

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 winter-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 a Winter 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 freshman, sophomore or junior.
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 a winter-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 Winter 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

**College Grants**

**Franklin College Family Grant** - Families with two or more immediate family members (father/step-father, mother/step-mother, son or daughter) attending Franklin College at least full-time may be eligible for up to $500 for each family member.

**Franklin College Grant** – The amount of these grants is based on financial need. Recipients must make satisfactory academic progress for renewal.

**Franklin College Alumni Grant** – Incoming students beginning Fall 2015 who are children, grandchildren, niece/nephew, or a sibling of a Franklin College graduate are eligible to receive a $2,000 Alumni Grant. The student must complete financial aid application requirements and make satisfactory academic progress for renewal.

**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 Work-Study—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.

Federal Perkins Loan—This loan program that is funded by the federal government and Franklin College. Perkins Loans are designed to assist students who have exceptional financial need. Students are notified of eligibility by the financial aid office, and Franklin College is the lender. The federal government pays the interest while the student is enrolled. Repayment begins nine months after graduation or withdrawal. The minimum monthly payment is $40 per month, and students may take up to 10 years to repay the loan. Recipients must complete a loan entrance interview and sign a promissory note prior to receipt of funds.

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.

Subsidized Direct Federal Stafford Loan—This is a loan program is funded by the federal government. It is a fixed rate program (interest rates set each 7/1 by the DOE; the 2014-15 rate is 4.66%) 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. The minimum monthly payment is $50, and students may take up to 10 years to repay the loan. A separate loan application must be completed. Administrative fees will be deducted from each loan prior to disbursement. First time borrowers must complete a loan entrance interview and a Master Promissory Note at www.studentloans.gov.

Unsubsidized Direct Federal Stafford Loan—This is a loan program that is funded by the federal government. It is a fixed rate program to assist students who are not eligible for the subsidized Federal Stafford Loan program. The interest rate is paid by the student while enrolled. Repayment of the principal is identical to the subsidized Federal Stafford Loan program. Administrative fees will be deducted from each loan prior to disbursement. First time borrowers must complete a loan entrance interview and a Master Promissory Note at www.studentloans.gov.

Direct Federal Parent Loan for Undergraduate Students (PLUS)—These loans are for parents who want to borrow to help finance their children’s education. The interest rate is fixed and established on July 1st each year. The 2014-15 rate is 7.21%. Repayment and interest begin within 60 days of receiving all the funds. Financial need is not required. Administrative fees will be deducted from each loan prior to disbursement. Apply by going to www.studentloans.gov.
State of Indiana Assistance

The Indiana Commission for Higher Education (CHE) Division of Student Financial Aid (SFA) 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 March 10 of each year. Full-time enrollment is required to receive any 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 in the financial aid office. 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 $20,235.02 (2014-2015) 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 for 2014-2015 a minimum $4,249 annual award that the VA will match up to 50% of the remaining tuition charges after the Post 9/11 GI Bill benefits. 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](http://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.
Student Life

Franklin College is dedicated to providing the best undergraduate education available in a college environment. The student affairs division provides vital parts of a student’s education. The division provides a context for study which gives support to the academic experience. A wide range of activities and programs are available through the residence halls, student organizations, campus ministry, campus activities, counseling, career services, and diversity and inclusion. Also, a number of services are offered to provide assistance to students and for the college community.

Of special concern is the quality of life within the campus community. As members of a special community, the college expects conduct that exceeds the minimal expectations of laws and college regulations and is consistent with the college’s values. The aim is that each community member develops a personal sense of responsibility for his or her life as well as a concerned understanding for the rights and well-being of others. The college pledges to treat all members of the community fairly and to strive for excellence in all endeavors.

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 Key: A Guide to Campus Life. The Key is published annually on the College’s website at http://www.franklincollege.edu/student-life/student-handbook.

Academic Resource Center

A variety of academic resources are available to students in the Academic Resource Center (ARC), which is located on the first floor of Hamilton Library. The ARC houses the Math Study Center, The Write Place, The Speech Lab and individual and group study areas. Services offered in the ARC include peer tutoring, Supplemental Instruction, disability services, scholastic standing support, and academic success courses.

B.F. Hamilton Library

The primary goal of the library is to support and enhance the College’s academic programs. We do this by providing a wide variety of print and electronic resources based on the curriculum, along with guidance in the discovery, evaluation, and use of resources through classroom instruction and individual consultation. Research assistance is available in person as well as via chat, e-mail, or texting. Personal service for the entire community is a high priority.

The B.F. Hamilton Library houses three floors of resources, including more than 95,000 books, 5,000 videos, and on-line access to more than 17,000 full-text journals and newspapers, and over 14,000 videos. The library provides seating for 200 students; this includes study carrels, group study rooms, casual study areas, two computer labs, and audiovisual listening/viewing rooms. Wireless networking throughout the building provides internet access for laptop computers and other wireless devices.
Career Services
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 years and for alumni.

The career services office provides services to complement the undergraduate 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. The career services office also coordinates the winter term, semester-long, and summer internship programs, except for education major internships which are coordinated through the director of teacher education, and athletic training and exercise science internships which are coordinated through the athletic training and exercise science departments. 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 services office, located in the Dietz Center for Professional Development (phone 317-738-8801).

Counseling Center
The Student Counseling Center, located on the second floor of the Student Center, provides free services to all full time students. Students may seek counseling for a variety of psychological and emotional issues. The center offers workshops to classes and campus groups on such topics as stress and time management, alcohol and other drugs, sexual assault and a variety of other psycho-social topics.

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 him/herself 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 him or her 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 Director of the Academic Resource Center or visit the ARC website.

Health Services
Health services, located on the second floor of the Student Center, is prepared to assist students with medical concerns. A registered nurse is available five days a week, and community physicians maintain five office hours per week on campus. When appropriate, referrals may be made to medical or mental health agencies. The health center coordinator also provides workshops on various health-related issues and is available to provide such programs to student organizations.
New Student Programs

Registration, Orientation, Liberal Arts Seminar and Academic Advising

The student affairs division interfaces with new students on an almost daily basis through residence life, Greek life, student activities and organizations, health services, career services, multicultural services, campus ministry and counseling services. New Student Programs are designed to create the means for the successful transition of new students to Franklin College and to establish a strong basis for students’ persistence to graduate from the college.

Mentors: Each new student is assigned to an LA 100 section consisting of approximately 18 new students with one upper class student who serves as a mentor. The student mentor’s role is to provide peer leadership, one-on-one contact with the new students, and first-hand recommendations about how to make a successful transition to college. LA 100 is the Liberal Arts Seminar which is defined below. The seminar covers various topics that are important to first year students.

New Student Registration: New students attend one of four registration sessions in either March, April or June. Students and families work with faculty members to lay the groundwork for a successful liberal arts education. Students also meet with a faculty member who will assist the student in registering for fall classes. There are also other important sessions for both students and parents to attend.

New Student Orientation: In August, before classes begin, there is new student orientation, a four-day orientation for all new students, including transfer students. A number of events take place which allow students to learn the expectations of the college, build relationships with peers and faculty, and prepare students for academic success at Franklin College.

LA 100: Liberal Arts Seminar: Each new student is placed into a section of LA 100. This one credit hour course, which is applied toward the 120 credit hours required for degree completion, is a required experience for all new students.

Academic Advising: Every student has an academic advisor who assists with curricular and class scheduling matters and some phases of career planning. New students will meet with their academic advisor during orientation to review their schedules and other important academic information prior to the start of classes.

While the academic advisors and other personnel are available for assistance, the primary responsibility for taking appropriate and required courses to meet graduation requirements rests with the student. Franklin College strives to help the student achieve this level of responsibility starting in the first year. Upon matriculation, each student will receive an academic advisor specific to their major or minor area of interest. Students who have not declared an academic interest will be assigned to advisors specializing in undeclared students.
Office of Diversity and Inclusion (ODI)
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, economic backgrounds, etc. To be successful in a diverse environment, students can expect support from several administrative and academic departments, including the Office of Diversity and Inclusion where our mission is to promote a campus community that fosters the holistic development of underrepresented students by providing relevant services to support their academic pursuit, expressing genuine care for their personal development and well-being, advocating on their behalf and encouraging the full use of all college resources. Our vision is to build and sustain an inclusive campus environment that values and respects all members of the Franklin College community. The Office of 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 Workshops/Trainings, Resource Library, Diversity Programming Support/Consultation, Academic Assistance, Mentoring & Support, Save Zone Training, Diversity Workshops, Multicultural Organization and Advisor Support and oversees the Diversity Lounge. The office strives to improve the retention of students and enrich the Franklin College experience for all members of the campus community.

Parent Notification Policy
Franklin College strives to create a partnership among parents, students, and the college to promote student success. As part of that partnership, Franklin College will notify the parents of dependent students* when the student is placed on academic probation or finds his/her education or on-campus housing at risk for medical or disciplinary reasons.
*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 opportunities like regular Protestant and Roman Catholic worship services, interreligious dialogue, small spirituality groups, Praise Team, and service opportunities. Opportunities are also available for students who may be exploring their spiritual lives for the first time. The campus minister is 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. Leah Rumsey serves as campus minister and may be reached by e-mail at LRunsey@franklincollege.edu or by phone at 317-738-8140. The Religious Life offices are housed on the second floor of the Chapel and are open from 8:00 am to 5:00 pm Monday through Thursday and 8:00 am to 4:00 pm on Fridays and during the summer months. Walk-in visits from students are most welcome. FC students, faculty, and staff may request to be added to the Religious Life mailing list in order to receive a weekly e-mail detailing Religious Life activities. They may also follow @FCCChaplain on Twitter.
Residing On-Campus
Franklin College firmly believes that campus residences offer unique opportunities for socialization and participation in community governance and that the challenges of group living are a contributing factor in students’ overall education and personal development. Franklin College has four residence halls, three fraternity chapter houses, and three campus homes. All freshmen, sophomores, and juniors are required to live in one of these residences. Exceptions to this requirement are:

a. Students residing with parents or legal guardians who live in Johnson County, Marion County, or at a location that is less than a 30-minute drive to campus as determined by the college (verification of residence may be required).
b. Students residing with their spouses (verification of marriage may be required)
c. Students with military veteran status verified by the Academic Records Office.
d. Students who obtain a medical waiver through the campus physician. Forms for this may be obtained in the Dean of Students’ office.
e. Senior year students who have 91 or more credit hours.
f. Students who have obtained an exception from the Dean of Students. Exceptions are rare. Requests must be submitted in writing using the form that is available in the Dean of Students’ office.

Any student who fails to qualify for one of these exceptions will be billed automatically at the lowest current room rate. Specific information regarding housing applications, fees, and procedures is sent to all students during Spring Semester. Detailed residence life regulations are published in the Student Handbook, The Key: A Guide to Campus Life, located on the College’s website at http://www.franklincollege.edu/current-students/student-handbook/

Residence halls are staffed by professional Residence Hall Coordinators and student paraprofessionals (Assistant Residence Hall Coordinator/Resident Assistants). Fraternity houses are staffed by student paraprofessionals (House Directors). All staff members are trained and supported by the staff of the student affairs division to help students with their adjustment to campus life.

Security
The Franklin College security department 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 security department consists of a director and five full-time officers. Additionally, the department employs six students as security assistants. A full-time officer is on-duty 24 hours a day, every day of the year. In addition to the security officers, the security department employs off-duty police officers on a part-time basis. These police officers supplement the security force 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 policies, 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.

**Student Activities and Organizations**

A diverse and encompassing student-oriented activities program is the focal point of out-of-class campus life. Social, cultural, and educational programs are presented through the cooperative efforts of the student affairs division, Student Congress, the Student Entertainment Board, fraternities, sororities, and other organizations and clubs. By participating in these programs and organizations, students gain valuable experience and the opportunity to develop their interests and leadership abilities. A complete directory of campus organizations is available in the Student Activities Center on the second floor of the Student Center.
Academic Policies and Procedures

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.

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 Vice President for Academic Affairs (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 freshman 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 in myFC – Departments – Academic Records. 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 Vice President for Academic Affairs upon completion of each academic period (fall semester, winter term, spring semester, and summer sessions). **A student 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.

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. All activity credits (up to four hours) count as part of the 80 hours required outside the major department.

Courses designated as activity courses are as follows: COR 003, 010; MMJ 001, 002, 004, 005, 007; PED 004, 009; 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 winter term, a student can add a summer session or winter 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 Kerry Smith, 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 winter 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 Vice President for Academic Affairs.

Due to the special short-term nature of summer and winter term, a student withdrawing from a summer or winter 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.

**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 Vice President for Academic Affairs, 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.

**Medical Withdrawal**

As a result of medical necessity, a student may be withdrawn from a class or classes. Such requests are made through the Dean of Students in conjunction with the Coordinator for Health Services. Such withdrawals will only be granted based on appropriate medical documentation which is subject to review by the college’s physician. Once approved by the Dean of Students, 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.
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. Franklin College requires a minimum score of 4 on all AP exams: those exams requiring a score greater than 4 are noted in the following table. The following table includes the examinations, passing scores, hours of credit allowed, and Franklin College course equivalences.

<table>
<thead>
<tr>
<th>AP Test</th>
<th>Passing Score</th>
<th>Hours Credit</th>
<th>Course</th>
<th>Equivalence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>4</td>
<td>4</td>
<td>ART 116</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>4</td>
<td>4</td>
<td>BIO 114</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>4</td>
<td>10</td>
<td>CHE 121, 122, 123, 124</td>
<td></td>
</tr>
<tr>
<td>Comp. Government &amp; Politics</td>
<td>4</td>
<td>3</td>
<td>POL 250</td>
<td></td>
</tr>
<tr>
<td>Computer Science</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer Science A</td>
<td>4</td>
<td>3</td>
<td>CMP 141</td>
<td></td>
</tr>
<tr>
<td>Computer Science AB</td>
<td>4</td>
<td>6</td>
<td>CMP 141, 142</td>
<td></td>
</tr>
<tr>
<td>English Lang/Comp</td>
<td>4 or 5</td>
<td>4</td>
<td>LA 101</td>
<td></td>
</tr>
<tr>
<td>English Literature</td>
<td>4</td>
<td>4</td>
<td>LA 101</td>
<td></td>
</tr>
<tr>
<td>English Literature</td>
<td>5</td>
<td>8</td>
<td>LA 101 and LA 201</td>
<td></td>
</tr>
<tr>
<td>European History</td>
<td>4</td>
<td>3</td>
<td>HIS XXX</td>
<td>(will satisfy one course in category C of the history curriculum - see History curriculum)</td>
</tr>
<tr>
<td>Economics: Microeconomics</td>
<td>4</td>
<td>3</td>
<td>ECO 115</td>
<td></td>
</tr>
<tr>
<td>Economics: Macroeconomics</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>French (language &amp; literature)*</td>
<td>4</td>
<td>8</td>
<td>FRE 110, 111</td>
<td></td>
</tr>
<tr>
<td>German</td>
<td>4</td>
<td>8</td>
<td>LAN XXX, LAN XXX</td>
<td>(fulfills foreign language requirement)</td>
</tr>
<tr>
<td>Human Geography</td>
<td>4</td>
<td>3</td>
<td>GEO 220</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calculus AB</td>
<td>4</td>
<td>4</td>
<td>MAT 135</td>
<td></td>
</tr>
<tr>
<td>Calculus BC</td>
<td>4</td>
<td>9</td>
<td>MAT 135, 140, 142</td>
<td></td>
</tr>
<tr>
<td>Statistics</td>
<td>4</td>
<td>3</td>
<td>MAT 224</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics C - Mechanics</td>
<td>4</td>
<td>5</td>
<td>PHY 201, 203</td>
<td></td>
</tr>
<tr>
<td>Physics C – Elect. &amp; Magnetism</td>
<td>4</td>
<td>5</td>
<td>PHY 202, 204</td>
<td></td>
</tr>
<tr>
<td>Spanish*</td>
<td>4</td>
<td>8</td>
<td>SPA 110, 111</td>
<td></td>
</tr>
<tr>
<td>Studio Art</td>
<td>4</td>
<td>3</td>
<td>ART 160</td>
<td></td>
</tr>
<tr>
<td>Psychology</td>
<td>4</td>
<td>4</td>
<td>PSY 117</td>
<td></td>
</tr>
<tr>
<td>U.S. Government &amp; Politics</td>
<td>4</td>
<td>4</td>
<td>POL 110</td>
<td></td>
</tr>
<tr>
<td>US History</td>
<td>4</td>
<td>6</td>
<td>HIS 120, 121</td>
<td></td>
</tr>
<tr>
<td>World History</td>
<td>4</td>
<td>4</td>
<td>HIS 205</td>
<td></td>
</tr>
</tbody>
</table>

*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 freshmen 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**
Each student is expected to 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 Vice President for Academic Affairs. 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 $200. In all circumstances, auditing students will follow course established attendance policies. Auditing students are exempt from exams but are responsible for class assignments and projects. A grade of “AU” is given only for informational instruction obtained by attending the course. Students not satisfying course expectations may be given a grade of “U.” Student must elect to audit a course within the first week of classes and cannot take the course for credit thereafter. Although, students will not be awarded course credit for those courses they choose to audit, they will receive the same services as other students. Should the student not attend the course, the instructor may administratively withdraw the student from the audited course.

**Class Level**

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

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

**Class-Related Activities**

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

**College-Sponsored Activities**

Wherever possible, college-sponsored activities (e.g., intercollegiate athletic competitions, music ensemble performances, etc.) that might conflict with classes should be scheduled before the beginning of the semester, and faculty should be informed of these schedules. In planning these schedules, coaches and directors of college-sponsored activities should avoid class conflicts wherever possible. **Students who are participating in these activities are further obligated to inform their instructors of anticipated work missed.** The professor, after conferring with the student, will make a reasonable effort to determine an appropriate plan for the student to make up the missed work, which may include completing alternative assignments.
Consortium for Urban Education (CUE)
During the fall or spring semester a student may want/need to take a class at one of the consortium schools with which Franklin College is affiliated (list is available in the Academic Records Office). A student may enroll in only one CUE course during a given semester. These courses are limited in seating and need to be requested well in advance. (CUE requests are not processed at the hosting schools until their students have completed registration.) Member schools of the consortium require a student to enroll through their home school (Franklin College) and pay all tuition and fees through the student’s home school. Any other fees and books for the CUE courses are the responsibility of the student. The student will not receive a transcript from the host institution; instead the grade is sent to the Academic Records Office at Franklin College to be recorded on the Franklin College transcript and is entered as a grade; however, the student’s GPA is not impacted since the course was taken off campus. All questions should be directed to the Associate Registrar in the Academic Records Office.

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

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

The co-op semester is transcribed as “Franklin College Cooperative Semester in (field).” A minimal registration fee of $100 is charged instead of tuition. No credits are earned through this program, nor are grades given. A minimum cumulative grade point average of 3.00 (A=4.00) and junior class standing are required to register. Applications are available from the Director of Career Services. A resume and recommendations from previous internship supervisors and/or employers are required as part of the application. Applications will be reviewed by the Director of Career Services, the Registrar, and the chairperson of the student’s major department. Students may wish to discuss with academic departments the possibility of practicum credit for specific work done during the semester. Students need not apply for readmission to Franklin College upon completion of the cooperative semester. An appointment with the Director of Career Services is required for assistance in securing contacts and completing requirements for co-op registration.
Course Load
The normal course load is 12-19 hours per semester. To carry a load in excess of 19 hours for freshmen and sophomores or 21 hours for juniors and seniors requires special approval of the academic advisor and the academic rules committee. **THERE IS AN ADDITIONAL FEE FOR EACH SEMESTER HOUR IN EXCESS OF 20.** A student may not audit more than two courses per academic term.

The maximum course load during a summer session is two courses per summer session. Students must obtain the approval of the academic advisor and the academic rules committee to enroll in more than two courses per summer session. The maximum course load during winter 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 Services 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 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 would be 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 spent 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. There is a requirement that the community work will be linked with the academic content of the course, and there will be some organized instructor contact/reporting. This 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:

- 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, clinic, business, government building or other site visits
- Organized cultural excursions and performances that engage students with the learning objectives of the course
- 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, but typically carries four hours of credit, is graded on a satisfactory/unsatisfactory basis, and requires approval of the director of career services and the student’s faculty advisor or, if teacher education related, the director of teacher education or, if in the area of athletic training, the internship supervisor in the department of athletic training. 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 internship director. Internships may be taken during the winter term, where they also count as winter term credit. Internships may also be taken during fall, spring and summer sessions with permission from the director of career services 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 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 Vice President for Academic Affairs 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 Vice President of Academic Affairs.

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 Vice President of Academic Affairs 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 Vice President for Academic Affairs.

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:

<table>
<thead>
<tr>
<th>Letter grade</th>
<th>Description</th>
<th>Point Value per Credit Hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Exceptional, excellent in all respects</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td></td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td></td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>Good</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td></td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>Satisfactory</td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td></td>
<td>1.67</td>
</tr>
<tr>
<td>D+</td>
<td>Passing, but unsatisfactory in some important respects</td>
<td>1.33</td>
</tr>
<tr>
<td>D</td>
<td></td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td></td>
<td>0.67</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0.00</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete (1)</td>
<td>0</td>
</tr>
<tr>
<td>NG</td>
<td>No grade reported (2)</td>
<td>-</td>
</tr>
<tr>
<td>AU</td>
<td>Audit (3)</td>
<td>-</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory (4)</td>
<td>-</td>
</tr>
<tr>
<td>U</td>
<td>Unsatisfactory (4)</td>
<td>-</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal (5)</td>
<td>-</td>
</tr>
<tr>
<td>WF</td>
<td>Withdrawal Failing (6)</td>
<td>0.00</td>
</tr>
<tr>
<td>WP</td>
<td>Withdrawal Passing (6)</td>
<td>-</td>
</tr>
<tr>
<td>CR</td>
<td>Advanced placement &amp; departmental credit (7)</td>
<td>-</td>
</tr>
<tr>
<td>[ ]</td>
<td>Repeated Course (8)</td>
<td>-</td>
</tr>
<tr>
<td>TR</td>
<td>Transfer Credit</td>
<td>-</td>
</tr>
<tr>
<td>*</td>
<td>Non-degree Applicable Credit (9)</td>
<td>-</td>
</tr>
</tbody>
</table>

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 Vice President for Academic Affairs 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 eighth 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 Vice President for Academic Affairs within 30 calendar days following the receipt of the final grade in a course and only after personal consultation with a faculty member involved.
2. The Vice President for Academic Affairs 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 Vice President for Academic Affairs.
4. After meeting with the faculty member, the student and Vice President for Academic Affairs, 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 winter 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, at least one other faculty sponsor, and a faculty member designated by the Faculty Curriculum Committee. The first two members of this Individualized Major (I.M.) 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, winter 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 Examination Credit (IBO)**

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

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

a. IB credits taken in the Diploma Programme
b. IB credits granted for the Higher Level (HL) Examination with scores of 5, 6, or 7.

For more information on the IBO, visit their website at [www.ibo.org](http://www.ibo.org). For more information on Franklin College’s IBO 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.
<table>
<thead>
<tr>
<th>IB Subject</th>
<th>Score</th>
<th>Course(s)</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology (HL)</td>
<td>5, 6, or 7</td>
<td>BIO 134/BIO 140</td>
<td>4/4 (total of 8 hours)</td>
</tr>
<tr>
<td>Chemistry (HL)</td>
<td>5, 6, or 7</td>
<td>CHE 112</td>
<td>4</td>
</tr>
<tr>
<td>Computer Science (HL)</td>
<td>5, 6, or 7</td>
<td>CMP 130</td>
<td>3</td>
</tr>
<tr>
<td>Economics (HL)</td>
<td>5, 6, or 7</td>
<td>ECO 115</td>
<td>3</td>
</tr>
<tr>
<td>English A1 (HL)</td>
<td>5, 6, or 7</td>
<td>ENG XXX</td>
<td>3 undistributed credits</td>
</tr>
<tr>
<td>English A2 (HL)</td>
<td>5, 6, or 7</td>
<td>ENG XXX</td>
<td>3 undistributed credits</td>
</tr>
<tr>
<td>French (HL)</td>
<td>5</td>
<td>FRE 210</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>French (HL)</td>
<td>6</td>
<td>FRE 211</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>French (HL)</td>
<td>7</td>
<td>FRE XXX (300-level)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics (HL)</td>
<td>5, 6, or 7</td>
<td>MAT 135</td>
<td>4</td>
</tr>
<tr>
<td>Philosophy</td>
<td>5, 6, or 7</td>
<td>PHL 116</td>
<td>4</td>
</tr>
<tr>
<td>Psychology</td>
<td>5, 6, or 7</td>
<td>PSY 117</td>
<td>4</td>
</tr>
<tr>
<td>Spanish (HL)</td>
<td>5</td>
<td>SPA 210</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish (HL)</td>
<td>6</td>
<td>SPA 211</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spanish (HL)</td>
<td>7</td>
<td>SPA XXX (300-level)</td>
<td>4</td>
</tr>
<tr>
<td>Theatre Arts (HL)</td>
<td>5, 6, 7</td>
<td>THE 110/THE 125</td>
<td>3/3 (total of 6 hours)</td>
</tr>
</tbody>
</table>

**Internship Program**

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, but typically carries four hours of credit, is graded on a satisfactory/unsatisfactory basis, and requires approval of the director of career services, 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 athletic training, the internship supervisor in the department of athletic training. 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 services. Internships may be taken during the winter term, where they also count as winter term credit. Internships may also be taken during fall, spring and summer sessions with permission from the director of career services or appropriate faculty internship supervisor. Students may not register for internships online. Students
must meet with the director of career services to obtain an internship application 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 or during the senior year. 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 services.

Students must plan ahead. Internships require time to arrange, so winter 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 services, the director of teacher education, or the intern supervisor in the department of exercise science or athletic training 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 winter term internships by the final class day of the fall semester. The internship application, the Agreement between the Student, the Internship Site, and the faculty of record, must be submitted to the Career Services 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 winter 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.

While an internship may be required in some majors and optional in others, 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 Assistant 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.

**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 technology, 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 advisors, Professors Steve Browder and Sarah Mordan-McCombs maintain 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 freshman 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 freshman year to ensure they are enrolled in the proper courses. See the engineering section of this catalog for further details.

**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 print a PDF of the Readmit application from [http://www.franklincollege.edu/admissions/apply-now/other-applicants/](http://www.franklincollege.edu/admissions/apply-now/other-applicants/). 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 $100 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. Education majors must take the senior competency practicum prior to student teaching.

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 Vice President for Academic Affairs 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. Servicemembers 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 a regionally accredited College or University (post-secondary institution) 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 eighth week of the semester. In the event of a withdrawal after the eighth 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 Students and the Vice President for Academic Affairs for circumstances beyond the student’s control.

Before withdrawing from college, a student must complete the appropriate withdrawal process through the Student Affairs Office, 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: Denise Baird, Edward Chikwana, Allison Fetter-Harrott, and Kristin Flora

American Baptist Association of Colleges and Universities
The American Baptist Association of Colleges and Universities sponsors a visiting student program which allows a student to spend a semester, winter term, or year at any of the participating American Baptist affiliated colleges and universities.

Participating institutions include Bacone College, Benedict College, Eastern College, Kalamazoo College, Keuka College, Linfield College, Ottawa University, Sioux Falls College, and William Jewell College.

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 Associate 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 Technology – Indiana University Health Methodist & Franciscan St. Francis Health Hospitals**

Franklin College has a combined degree program in medical technology conducted in cooperation with Indiana University Health Methodist Hospital and Franciscan St. Francis Health Hospital, both 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 technology. For a complete listing of requirements, refer to the section on medical technology and contact Professor Edward Chikwana.
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 a “B” in the seminar, students are eligible to apply for scholarships that they can use to study abroad for a semester or a 10 week 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 freshmen) 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://www.franklincollege.edu/academics/global-education/intercultural-honors-experience-ihe/

IHE 100 – Intercultural Honors Experience Seminar
This 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 for academic affairs. Students who successfully complete this course will receive credit for the intercultural requirement. Students who have other means for satisfying their intercultural requirement may use IHE 100 to satisfy their contemporary issues requirement in the liberal arts core curriculum.

The IHE seminar may be used to satisfy either a student’s intercultural exploratory or the contemporary issues liberal arts core requirement. The experience may satisfy only one of these two liberal arts requirements.
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 partnership programs and preferred provider is below. More details on each program can be found at [http://www.franklincollege.edu/academics/global-education/](http://www.franklincollege.edu/academics/global-education/) or at the Office of Global Education.

Students must be in good standing at Franklin College and should have at least sophomore status when beginning a study abroad program. 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. Students participating in a partner program will pay Franklin College tuition and receive 100% of their FC scholarships and aid. Students will also be charged an accommodation fee, which is set by the host institution. Students participating in a program through the FC preferred provider will pay Franklin College tuition and receive a percentage of their FC scholarships and aid. Students will also be charged an accommodation fee.

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, see the listing of international travel scholarships in the Financial Aid Policies section of this catalog or online [http://www.franklincollege.edu/academics/global-education/costs-scholarships/](http://www.franklincollege.edu/academics/global-education/costs-scholarships/). Questions regarding international travel scholarships can be addressed with the Office of Global Education.

Franklin College Partner Programs
China-Hong Kong Baptist University
Norway-Telemark University College
Spain-Universidad Francisco de Vitoria
Taiwan-National Kaohsiung Normal University

Franklin College Preferred Provider
ISEP Direct – Multiple Destinations
THE CURRICULUM

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

Franklin College currently offers MAJORS in the following fields:
- Accounting
- Art History
- Art Studio
- Athletic Training
- Biology
- Business
- Chemistry
- Computer Science
- Creative Writing
- Economics
- English
- Exercise Science
- French
- History
- Mathematics
- Multimedia Journalism
- Music
- Philosophy

In addition, a student may complete an optional MINOR in the following fields:
- Accounting
- American Studies
- Art History
- Art Studio
- Biochemistry
- Biology
- Business
- Canadian Studies
- Chemistry
- Coaching
- Computer Science
- Creative Writing
- Economics
- English
- Environmental Science
- Fitness
- French
- History
- International Relations
- Leadership
- Mathematics
- Multimedia Journalism
- Music
- Neuroscience
- Nonprofit Leadership
- Philosophy

Teaching majors: (Teaching majors are subject to change due to upcoming state licensure changes.)
- Elementary Education
- English/Language Arts Secondary Education
- French Secondary Education
- Life Sciences Secondary Education

Teaching Minors:
- English as a New Language (Elementary Ed.)
- French Teaching (Secondary Education)

Cooperative Programs:
- Dentistry
- Engineering
- Medical Technology
- Pharmacy
- Public Health

Pre-Professional Programs:
- Pre-Dental
- Pre-Law
- Pre-Medical
- Pre-Medical Technician
- Pre-Occupational Therapy
- Pre-Optometry
- Pre-Pharmacy
- Pre-Physical Therapy
- Pre-Physician’s Assistant
- Pre-Podiatry
- Pre-Veterinary
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. **Winter Term:** A minimum of two winter term experiences (at least 6 credit hours). The number of winter-term hours required of transfer students will be determined by the number of hours completed prior to entering Franklin College. *Note: All students must enroll in a winter term course during their first year at Franklin College.*

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.

5. **Credit Hours Outside the Major:** A minimum of 80 semester hours outside the major departmental courses. Winter-term courses, liberal arts core courses, related field requirements, activity courses (up to four hours only), practica, internships (up to sixteen hours only), and major courses numbered 100 through 119 which satisfy an exploratory requirement apply to the 80 required semester hours, as well as all courses which are not in the major department.

6. **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.

7. **Professional Development Requirements:** Successful completion of the professional development program in a major field that includes:
   - a professional development portfolio
   - a professional development course
   - a professional development experience or internship

   Students with multiple majors need only complete professional development requirements in one major, to be determined in consultation with the departments involved and the director of professional development. Prior to the student’s final full-time semester at Franklin College, documentation outlining the group’s decision must be submitted to the Academic Records Office for degree auditing purposes.

8. **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 semester during which course requirements for the major are completed. Double and triple majors are required to complete a senior competency practicum in all majors.

9. **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.
OPENING A WORLD OF POSSIBILITIES
Liberal Arts Curriculum

Liberal Arts Coordinator: A. Heikens

Mission: The liberal arts core curriculum is the center of a Franklin College education. The program is designed to provide breadth of experience in the liberal arts but is flexible enough to permit each student to build a program that will best suit individual needs and interests.

The curriculum offers a developmental and experiential liberal arts program of study designed to help students
• acquire skills needed to function in the world (including critical thinking and use of technology),
• take advantage of opportunities to encounter the world, and
• make use of various methodologies to understand the world.

This curriculum’s developmental and experiential approach also includes an emphasis on leadership and service, areas identified by Franklin College as part of our mission.

Liberal Arts Core Curriculum

The full liberal arts core curriculum includes eight core courses, six exploratory courses and satisfaction of the foreign language requirement. Courses in the liberal arts core may not be used to satisfy exploratory requirements and vice versa.

<table>
<thead>
<tr>
<th>Courses Addressing the Primary Objectives of the LA Program</th>
<th>LA 100: Liberal Arts Seminar</th>
<th>LA 101: Reading and Writing Critically</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Skills for Interacting with the World</strong></td>
<td>LA 102: The Past and Present: The World Since 1750</td>
<td>LA 103: Quantitative Reasoning</td>
</tr>
<tr>
<td>The following classes focus on developing skills crucial for success in college and in life and emphasize building a foundation of critical thinking and facility with technology to support the rest of the student’s educational experiences.</td>
<td>LA 111: Public Speaking</td>
<td>LA 201: Analyzing Literature</td>
</tr>
<tr>
<td><strong>Opportunities for Experiencing the World</strong></td>
<td>LA 112: Contemporary Issues</td>
<td>Intercultural Courses</td>
</tr>
<tr>
<td>The following classes focus on providing experiences which allow students to encounter new and thought-provoking aspects of the world and to see them from a variety of perspectives.</td>
<td>International Courses</td>
<td>Philosophy and Religion Courses</td>
</tr>
<tr>
<td><strong>Ways of Understanding the World</strong></td>
<td>Fine Art Courses</td>
<td>Laboratory Science Courses</td>
</tr>
<tr>
<td>The following classes focus on helping students understand how the methodologies of different disciplines provide ways to process and organize information about the world.</td>
<td>Social Science Courses</td>
<td></td>
</tr>
<tr>
<td><strong>All Three</strong> - The following class provides the opportunity for students to draw on all they have learned throughout the rest of the liberal arts core.</td>
<td>LA 315: Liberal Arts Capstone</td>
<td></td>
</tr>
</tbody>
</table>
All courses classified as skills-oriented will have the threads of critical thinking and technology woven into their structure, while courses specifically identified as experiential will focus on introducing the theme of service or one or more of the four aspects of the Franklin College definition of leadership.

<table>
<thead>
<tr>
<th>Franklin College Definition of Leadership</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Aspect</strong></td>
</tr>
<tr>
<td>Is self-aware</td>
</tr>
<tr>
<td>Develops and practices ethical standards</td>
</tr>
<tr>
<td>Works well with diverse people</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Is willing and able to take action</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Suggested Sequencing of LA Curriculum</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CORE</strong></td>
</tr>
<tr>
<td><strong>Freshmen</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Freshmen/Sophomore</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Sophomore</strong></td>
</tr>
<tr>
<td><strong>Junior</strong></td>
</tr>
</tbody>
</table>

**EXPLORATORY COURSES**

| Freshmen/Sophomore (or later)        | Fine Arts Courses  |
|                                      | Intercultural Courses  |
|                                      | International Courses  |
|                                      | Laboratory Sciences Courses  |
|                                      | Philosophy and Religion Courses  |
|                                      | Social Sciences Courses  |

**Core Courses and Descriptions**

**LA 100 Liberal Arts Seminar**

The Liberal Arts Seminar is an introduction to Franklin College and its mission and values. The course is required of all new students during their first semester. The content of the course will include a strong emphasis on the value of a liberal arts education. The course will aid students in the academic transition to collegiate level thinking, reading, and writing as well as the co-curricular transition to a new community. In addition, the course will provide opportunities for students to become more self-aware, to set personal and academic goals, to learn about available campus resources as well as to serve their community. Fall and spring.
LA 101 Reading and Writing Critically 4 credit hours
A writing-intensive topics course focused on the self in society. Introduces critical thinking, reading, and writing, and the art of argumentation. Incorporates use of word processing software. (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. Fall and spring.

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

LA 103 Quantitative Reasoning 4 credit hours
Students will be introduced to 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. This course emphasizes connections with a variety of other disciplines. Incorporates use of spreadsheets. Course satisfies liberal arts core curriculum mathematics requirement. Prerequisite: MAT 085 or competence in introductory algebra as demonstrated on the mathematics placement exam. Fall and spring.

LA 111 Public Speaking 3 credit hours
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 four speeches while developing an understanding and knowledge of the communication process. Incorporates use of presentation software. Fall and spring.

LA 112 Contemporary Issues 3 credit hours
An experiential interdisciplinary topics course focused on an issue of importance in today’s world. This course includes a first-hand experience with individuals or groups involved in direct action on the issue. Course activities will serve to show students how diverse disciplines provide perspectives for understanding and analyzing the issue and possible approaches for addressing the issue. (Specific course topics and descriptions are available online in Self-Service. This course may be repeated for credit if different course topics are completed.) Fall, winter, and spring.
LA 201 Analyzing Literature  
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. Prerequisite: C- or better in LA 101 and sophomore standing. Fall and spring.

LA 315 Liberal Arts Capstone  
This experience is designed to help students integrate the courses and experiences they have had within their major and within the liberal arts. Ultimately the experience should alter or expand the way a student views the world or an aspect therein. The course requires a final reflection piece, written or oral. The Integrated Liberal Arts Experience addresses the following goals:
- Students must synthesize their liberal arts experience, both curricular and co-curricular, and explain what it means to be a liberally educated person.
- Students must integrate knowledge from specific courses and experiences and must illustrate specific connections between the liberal arts and their field(s) of study.
- Student must fully examine the FC mission of critical thinking, leadership, and service.
- Students must concretely summarize the relationship among their liberal arts learning, their personal and professional goals, their civic lives, and the impact of global issues.

This course may be repeated for credit if different course topics are completed. EDU 315, ENG 315, LEA/NPL/SOC 315, PSY 315, and ECO/MAT/PSY 345 satisfy the LA 315 requirement. Prerequisites: all LA core courses. Fall, winter, and spring.

Exploratory Courses

Mission: 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 and others, and help them prepare for lives of leadership and service in a global world.

Students are required to take at least one course from each of the following categories: fine arts, intercultural, international, laboratory sciences, philosophy and religion, and social sciences. Permitted substitutions are listed at the end of the exploratory course options. Students may take up to two courses with the same departmental prefix. 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, 2015-16 is an odd academic year.
- Courses with prerequisites are in *Italics*.
- To review course descriptions, see the respective major departments.

**FINE ARTS (3-4 hours credit)**
Students will explore the fine arts as a means of creative expression 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 116</td>
<td>History of Art I (Fall)</td>
<td>4 hours credit</td>
</tr>
<tr>
<td>ART 117</td>
<td>History of Art II (Spring)</td>
<td>4 hours credit</td>
</tr>
<tr>
<td>ART 130</td>
<td>Color and Design (Fall &amp; Spring)</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>ART 140</td>
<td>Graphic Design I (Fall &amp; Spring)</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>ART 160</td>
<td>Drawing I (Fall &amp; Spring)</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>ART 170</td>
<td>Painting I (Fall &amp; Spring)</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>ART 175</td>
<td>Ceramics I (Every Fall and Spring, odd years)</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>ART 190</td>
<td>Digital Fine Art Photography I (Fall &amp; Spring)</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>ART 230</td>
<td>Modern Art (Spring, odd years)</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>ART 300</td>
<td>Watercolor I (this topic only, on demand)</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>CWR 150</td>
<td>Introduction to Creative Writing (Fall)</td>
<td>3 hours credit</td>
</tr>
</tbody>
</table>

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):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 121</td>
<td>Franklin College Singers (Fall &amp; Spring)</td>
<td>1 hour credit</td>
</tr>
<tr>
<td>MUS 122</td>
<td>Men’s Chorus (Fall &amp; Spring)</td>
<td>1 hour credit</td>
</tr>
<tr>
<td>MUS 123</td>
<td>Women’s Chorus (Fall &amp; Spring)</td>
<td>1 hour credit</td>
</tr>
<tr>
<td>MUS 124</td>
<td>FC Band (Fall &amp; Spring)</td>
<td>1 hour credit</td>
</tr>
<tr>
<td>MUS 125</td>
<td>String Ensemble (Fall &amp; Spring)</td>
<td>1 hour credit</td>
</tr>
</tbody>
</table>
INTERCULTURAL (3-4 hours credit)
Intercultural courses and/or experiences enable students to explore a non-U.S. or non-mainstream U.S. culture/society or to study a process or phenomenon whose understanding sheds light on multiple non-U.S. cultures/societies. Intercultural courses provide students with an opportunity to develop their understanding of other cultures/societies, to consider their own culture/society in the context of others, and to examine issues from a variety of cultural perspectives. All courses/experiences must have received intercultural designation in advance. Students may fulfill this requirement with: a winter-term course that is designated as intercultural; a topic course that is designated as intercultural; a credit-bearing internship, service-learning or study experience in a domestic but non-mainstream U.S. setting; OR any course in the following list.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 350</td>
<td>Eastern Thought in Western Art (Spring, even years)</td>
<td>3</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>ENG 117</td>
<td>World Literature I (Fall)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td></td>
<td><em>(Concurrent or prior enrollment in LA 101 recommended)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 118</td>
<td>World Literature II (Spring)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td></td>
<td><em>(Concurrent or prior enrollment in LA 101 recommended)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 358</td>
<td>American Minority Literature (Spring, odd years)</td>
<td>3</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>ENG/THE 375</td>
<td>Dramatic Literature I (Fall, odd academic years)</td>
<td>3</td>
<td>3 hours credit</td>
</tr>
<tr>
<td></td>
<td><em>(Prerequisite: ENG 118 and a C or better in ENG 200)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG/THE 376</td>
<td>Dramatic Literature II (Spring, odd years)</td>
<td>3</td>
<td>3 hours credit</td>
</tr>
<tr>
<td></td>
<td><em>(Prerequisite: ENG 118 or THE 110 or THE 125 or consent of instructor)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEO 220</td>
<td>Human World Geography (Fall &amp; Spring)</td>
<td>3</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>HIS 214</td>
<td>The South Atlantic World, 1400-1824 (Spring, even years)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td>HIS 340</td>
<td>Global Military History (Fall, even years)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td>HIS 350</td>
<td>Europe Since 1945 (Spring, odd years)</td>
<td>3</td>
<td>3 hours credit</td>
</tr>
<tr>
<td></td>
<td><em>(Prerequisite: LA 102 or consent of instructor)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IHE 100</td>
<td>Intercultural Honors Experience (Spring)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td>LEA 330</td>
<td>Leadership in a Multicultural Context (Fall)</td>
<td>3</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>MUS 219</td>
<td>World Music (Fall)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td>MUS 353</td>
<td>Survey of Piano Literature (Fall, even years)</td>
<td>3</td>
<td>3 hours credit</td>
</tr>
<tr>
<td>POL 120</td>
<td>Introduction to International Relations (Fall)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td>POL 130</td>
<td>Introduction to Comparative Politics (Spring)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td>POL 341</td>
<td>International Law &amp; Organizations (Spring, odd years)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td></td>
<td><em>(Prerequisite: POL 120)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL/PHL 250</td>
<td>Living Religions East (Spring, even years)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td>REL 260</td>
<td>Living Religions West (Spring, odd years)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td>SOC 325</td>
<td>Social Stratification (Spring, even years)</td>
<td>4</td>
<td>4 hours credit</td>
</tr>
<tr>
<td></td>
<td><em>(Prerequisite: SOC 118)</em></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
INTERNATIONAL (3-4 hours credit)

International courses and/or experiences immerse students in the interdisciplinary study of one non-U.S. nation or limited geographic region (a few countries) that shares identity markers such as geography, language, traditions, etc.. Students may fulfill this requirement with:

- a foreign travel course;
- a credit-bearing international internship, service-learning or study-abroad experience;
- a foreign language course at the 200-level or higher;
- other approved catalog courses including topic and winter term courses; OR
- any course in the following list.

A second course in this category may be used to satisfy the intercultural requirement. A semester-long study abroad program will be granted 2 international requirements.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN 130</td>
<td>Introduction to Canada (Fall &amp; Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>CAN/HIS 230</td>
<td>History of Canada (Fall, even years)</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: HIS 120, CAN 130, or consent of instructor</td>
<td></td>
</tr>
<tr>
<td>CAN/ENG 240</td>
<td>Intro. to Canadian Fiction. (Spring, even years)</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: LA 201, ENG 200, or consent of instructor</td>
<td></td>
</tr>
<tr>
<td>CAN/POL 250</td>
<td>Comparative Politics in Developing Countries (On demand)</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: CAN 130 or POL 130 or consent of instructor</td>
<td></td>
</tr>
<tr>
<td>CAN/FRE 340</td>
<td>Francophone Canadian Literature (Spring, odd years)</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: See catalog listing</td>
<td></td>
</tr>
<tr>
<td>ENG 361</td>
<td>Global Literature (Fall, even years)</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: ENG 200 or LA 201</td>
<td></td>
</tr>
<tr>
<td>FRE 210 and above - French Courses</td>
<td>4 hours</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: 100-level French courses or placement</td>
<td></td>
</tr>
<tr>
<td>HIS 210</td>
<td>Introduction to Latin American History &amp; Culture (Spring, odd years)</td>
<td>4 hours</td>
</tr>
<tr>
<td>HIS 310</td>
<td>Modern Latin America (Fall, odd years)</td>
<td>4 hours</td>
</tr>
<tr>
<td>HIS 348</td>
<td>Germany &amp; Europe: 1848-1945 (Spring, even years), Prerequisite: LA 102 or consent of instructor</td>
<td>4 hours</td>
</tr>
<tr>
<td>HIS 356</td>
<td>Russian History (Fall, even years)</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: LA 102 or consent of instructor</td>
<td></td>
</tr>
<tr>
<td>HIS 361</td>
<td>East Asian History (Fall, odd years)</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: LA 102 or consent of instructor</td>
<td></td>
</tr>
<tr>
<td>HIS 365</td>
<td>History of the Middle East (Spring, odd years)</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: LA 102 or consent of instructor</td>
<td></td>
</tr>
<tr>
<td>LAN 300</td>
<td>Topics in Language</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: vary depending on course</td>
<td></td>
</tr>
<tr>
<td>SPA 210 and above – Spanish Courses</td>
<td>4 hours</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prerequisites: 100-level Spanish courses or placement</td>
<td></td>
</tr>
</tbody>
</table>
LABORATORY SCIENCES (4-5 hours credit)
Through theoretical study and laboratory work, students have the opportunity to explore the scientific method as one of western culture’s primary ways of explaining the natural world. They 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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 114</td>
<td>General Biology (Fall &amp; Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>BIO 120 &amp; 120L</td>
<td>Human Anatomy and Physiology II &amp; Lab (Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>BIO 134</td>
<td>Principles of Biology (Fall)</td>
<td>4 hours</td>
</tr>
<tr>
<td>CHE 112</td>
<td>Introductory Chemistry (Fall &amp; Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>CHE 121 &amp; 123</td>
<td>General Chemistry I &amp; Lab (Fall)</td>
<td>5 hours</td>
</tr>
<tr>
<td>ESC 118</td>
<td>Earth Science (Fall &amp; Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>PHY 201 &amp; 203</td>
<td>General Physics I – Algebra &amp; Lab (Fall)</td>
<td>5 hours</td>
</tr>
<tr>
<td>PHY 211 &amp; 203</td>
<td>General Physics I – Calculus &amp; Lab (Fall)</td>
<td>5 hours</td>
</tr>
</tbody>
</table>

PHILOSOPHY AND RELIGION (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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 225</td>
<td>Bioethics (Spring, odd years)</td>
<td>3 hours</td>
</tr>
<tr>
<td>PHL 115</td>
<td>Introductory Logic (Fall)</td>
<td>4 hours</td>
</tr>
<tr>
<td>PHL 116</td>
<td>Introduction to Philosophy (Fall &amp; Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>PHL 220</td>
<td>Principles of Ethics (Spring)</td>
<td>3 hours</td>
</tr>
<tr>
<td>REL 114</td>
<td>Introduction to Religion (Fall &amp; Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>REL 210</td>
<td>Religion and the Environment (Fall &amp; Spring)</td>
<td>3 hours</td>
</tr>
<tr>
<td>REL 220</td>
<td>Old Testament Life and Literature (Fall)</td>
<td>3 hours</td>
</tr>
<tr>
<td>REL/PHL 250</td>
<td>Living Religions East (Spring, even years)</td>
<td>4 hours</td>
</tr>
<tr>
<td>REL 260</td>
<td>Living Religions West (Spring, odd years)</td>
<td>4 hours</td>
</tr>
</tbody>
</table>

SOCIAL SCIENCES (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.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 115</td>
<td>Principles of Economics (Fall &amp; Spring)</td>
<td>3 hours</td>
</tr>
<tr>
<td>GEO 220</td>
<td>Human World Geography (Fall &amp; Spring)</td>
<td>3 hours</td>
</tr>
<tr>
<td>HIS/WST 332</td>
<td>History of Women in the US (Fall, odd years)</td>
<td>4 hours</td>
</tr>
<tr>
<td>LEA 230</td>
<td>Leadership: Theories and Practice (Fall, even years)</td>
<td>3 hours</td>
</tr>
<tr>
<td>POL 110</td>
<td>American National Government (Fall and Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>POL 120</td>
<td>Introduction to International Relations (Fall)</td>
<td>4 hours</td>
</tr>
<tr>
<td>POL 130</td>
<td>Introduction to Comparative Politics (Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>PSY 117</td>
<td>General Psychology (Fall &amp; Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>SOC 118</td>
<td>Introduction to Sociology (Fall &amp; Spring)</td>
<td>4 hours</td>
</tr>
<tr>
<td>WST 101</td>
<td>Introduction to Women’s Studies (Spring, even years)</td>
<td>4 hours</td>
</tr>
</tbody>
</table>
Exceptions and Substitutions for LA Core and Exploratory Requirements

- LA 103 may be satisfied by CMP 130, MAT 135, or MAT 181
- LA 112 may be satisfied by IHE 100, if IHE 100 is not needed to satisfy the intercultural exploratory requirement
- LA 201 may be satisfied by ENG 200
- LA 315 may be satisfied by EDU 315, ENG 315, LEA/NPL/SOC 315, PSY 315, or ECO/MAT/PSY 345
- Elementary Education majors must take the following liberal arts exploratory courses to satisfy program and graduation requirements: Fine Arts: FNA 420; Social Sciences: PSY 117; Laboratory Sciences: BIO 114; Intercultural: GEO 220; one course from the religion/philosophy exploratory list; one course from the international exploratory list.
- Students completing three-plus-one program in medical technology are required to complete either the international exploratory or the intercultural exploratory requirement.
**Winter Term**

**Winter Term - Degree Expectations**

Students entering Franklin College as freshmen are required to complete at least six hours of winter term credit, in non-catalog courses (see exceptions under Winter Term-Courses and Experiences), to meet graduation requirements. Internships and practica in teacher education programs which are listed as catalog courses and are specifically required for licensure for teaching may be counted toward the six-hour winter term requirement. All students in their first year are required to enroll in a winter term on-campus course or a winter term travel course. Transfer students entering Franklin College as sophomores (fewer than 58 hours) must satisfactorily complete six hours of winter term courses. Entering juniors (58-90 hours) must complete three hours of winter term courses at Franklin College. A student entering with 91 hours or more has no winter term requirement and needs to fulfill only 120 total hours for graduation. *Note: A transfer student may petition the registrar for reconsideration of winter term requirements if the requirements will impede normal progression toward graduation.*

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

1. wait one year and take a course in the next winter 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 winter term, a student withdrawing from a winter 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 winter term must be registered officially in an approved winter term course, independent study, internship experience, or prescheduled institutional activity which requires on-campus residence. Withdrawal from a winter 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 winter term, winter term tuition is $415, winter term room is $415, and winter term board is $390. Part-time tuition fees are charged to students who are not enrolled in either the fall or spring semester full-time. Winter term board is charged to all students living on campus during the winter 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 winter term or who reside off-campus during winter term.
Winter Term - Courses and Experiences

Held during the month of January, winter term offers an opportunity for one month of intense, uninterrupted participation in one topic of the student’s choice. Since full time is devoted to a single project, it can be explored in greater depth than is possible during the fall or spring semesters. Courses offered during the winter term are different from the fall and spring courses offered. Winter term courses designated as intercultural, international, contemporary issues, or liberal arts capstone may be used to fulfill both the liberal arts requirement and the winter term requirement.

Winter term courses are defined as topics courses, travel courses, on-campus independent study, off-campus independent study, internships, and cooperative programs offered by other institutions. All winter term courses carry three hours of credit, and internships carry four hours of credit.

**Topics courses** are designed to involve a group of students in an intensive common study of a single area of interest. A variety of methods of inquiry is normally utilized, including field trips and individualized work, to augment the common readings, meetings, and lectures or discussions.

A student may initiate and participate in teaching a group by securing a faculty advisor’s consent to act as advisor to the course. The professor will work closely with the student in planning the course and observing its development. The professor assumes the responsibility of assigning the grades in the project, including that of the student-teacher.

**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 requirement with a foreign travel course over winter term; domestic travel courses may satisfy the intercultural requirement. 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 take an on-campus independent study.

Some students may be interested in enrolling in winter 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.
Professional Development

Throughout one’s undergraduate career, each Franklin College student participates in a professional development experience approved by the student’s academic department. These requirements, in addition to the services, programs, courses, and activities offered by the director of professional development and employer relations, the director of career services, the director of leadership, the office of alumni and student engagement, and academic departments 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 Professional Development program provides opportunities for students to be successful in the professional workplace or graduate/professional school. While Career Services help students find a job by teaching resume writing and interviewing, Professional Development teaches skills and competencies critical for success once graduates begin 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 post college life, such as 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.

Students have myriad opportunities to develop leadership and professional skills through participation in the Leadership and Professional Development programs, which work hand-in-hand. Specific activities in Professional Development 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.

Franklin’s Senior Year Experience (SYE) in Professional Development:

Student Graduation Requirements
Each department of the college requires students to plan for their entry into the postgraduate world in the following ways:

1. By designing a professional-development portfolio that will document their professional skills, leadership skills, and general liberal-arts skills.
2. By participating in a course designed to help students learn to use these skills in their postgraduate careers. The development of this course may take place in coordination with the college’s Professional Development Program, which offers instruction in meeting the standards of professional and personal behavior in the students’ career fields.
3. By taking part in a senior-year professional-development experience designed by their respective departments (SNT/SNR 489).

While each department devises its own curriculum for the SYE, all curricula must be consistent with the goals of the Professional Development Program and the Leadership Program as set forth in the college catalog.

Additional Opportunities:

Workshops
Career Services and Professional Development offer several workshops open to all students each semester as well as provide workshops for various student activities and groups. Topics include Job Interviewing, Networking, Goal Setting, Learning from Feedback, Presenting Ideas Effectively, Business Etiquette, and Systems Thinking, among others.
**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 Career Services office coordinates the fall semester, winter term, spring semester and summer term internship programs, except for education, exercise science, and athletic training majors’ internships. For details, see the Career Services 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.

**Course Descriptions**

**PDP 200 Preparing for Your Internship**  
1 hour credit

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. Fall and spring.

**PDP 210 Professional Practices in Fine Arts**  
3 hours credit

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. Spring.
PDP 300 Professional Development Topics 1-3 hours credit
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 for academic affairs and director of professional development. On demand.
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 hour credit**
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. Fee: $55 nonrefundable. Prerequisite: By placement. Grade is factored into semester and cumulative GPAs. Fall on demand. **Note: Course credit does not count toward the minimum 120 semester hours for graduation.

**ASC 085  Academic Strategies for College II**  1 hour credit**
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. Prerequisite: Consent of instructor or by placement. Grade is factored into semester and cumulative GPAs. Fall and Spring on demand. **Note: Course credit does not count toward the minimum 120 semester hours for graduation.

**Academic Opportunity Courses**

**COR 003  Student Leadership**  1 hour credit
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. Prerequisite: consent of instructor. May be offered fall and spring.

**COR 010  Career Planning**  1 hour credit
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. Prerequisite: consent of instructor. Freshmen and sophomore enrollment preferred. Graded on a pass/fail basis. Fall and spring-middle 7 weeks of semester.
ACCOUNTING

Department: Economics, Business, and Accounting
Department Chair: D. Andrews
Department Members: D. Andrews, E. Jones, H. Kitaoka, S. Scheer, J. Williams

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. A full semester internship is possible in the spring of the junior year only if the accounting curriculum is started in the freshman year and the student is willing to take extra coursework prior to and after the full semester internship. Students completing the major will be prepared for professional accounting employment and, with sufficient credits, to take the Certified Public Accounting examination.

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 & 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 470 Advanced Accounting Topics I*
- ACC 499 Senior Competency Practicum
- ECO 115 Principles of Economics
- MAT 135 Calculus

Related field requirements:
- BUS 265 Business Research Methods
- BUS 341 Business Law I
- BUS 351 Business Finance
- CMP 130 Introduction to Computing

Plus ONE of the following:
- ECO 221 Intermediate Microeconomic Theory
- ECO 223 Intermediate Macroeconomic Theory

Plus TWO of the following:
- ACC 342 Advanced Taxation
- BUS 352 Investments
- BUS 361 Principles of Marketing
- BUS 367 Principles of Management

Professional Development Requirements:
- ACC 498 Portfolio
- PDP 200 Preparing for Your Internship
- INT XXX Accounting Internship (Senior Year Experience)

*Double majors in Accounting and Business Finance are required to complete one senior seminar course, ACC 470: Advanced Accounting Topics I. ACC 470 will substitute for BUS 470 for the Business Finance major.

150-Hour Accounting Certificate Program: Starting with the May, 2000, CPA exam, Indiana requires that all candidates for the CPA exam have 150 semester hours of college credits. The certificate program has the same course requirements as the accounting major, plus ACC 342: Advanced Taxation and other elective courses to reach the 150-hour total.
**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:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 221</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>ACC 222</td>
<td>Principles of Accounting II</td>
</tr>
</tbody>
</table>

**PLUS two of the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 235</td>
<td>Data Management &amp; Analysis</td>
</tr>
<tr>
<td>ACC 312</td>
<td>Intermediate Accounting II</td>
</tr>
<tr>
<td>ACC 321</td>
<td>Managerial-Cost Accounting</td>
</tr>
<tr>
<td>ACC 311</td>
<td>Intermediate Accounting I</td>
</tr>
<tr>
<td>ACC 341</td>
<td>Introduction to Taxation</td>
</tr>
<tr>
<td>ACC 420</td>
<td>Auditing</td>
</tr>
<tr>
<td>BUS 351</td>
<td>Business Finance</td>
</tr>
</tbody>
</table>
Accounting Course Descriptions

ACC 221 Principles of Accounting I  3 hours credit
Concepts and issues of financial reporting for business entities, analysis, and recording of economic transactions. May be taken during freshman year. Fall and spring.

ACC 222 Principles of Accounting II  4 hours credit
Continuation of financial accounting as well as concepts and issues of management accounting, budgeting, cost determination, analysis, and non-profit accounting. Prerequisite: ACC 221. May be taken during freshman year. Spring.

ACC 235 Data Management and Analysis  2 hours credit
This course will focus on the application of intermediate and advanced Microsoft Excel and Access 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 Access software programs. Prerequisite: CMP 130 or consent of instructor. Fall.

ACC 300 Topics in Accounting  3 hours credit
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 for academic affairs. Must have at least sophomore class standing.

ACC 311 Intermediate Accounting I  4 hours credit
The theoretical framework for accounting principles and financial statement presentation as applied to the assets of an enterprise. Prerequisites: ACC 221 and 222. Must have at least sophomore class standing. Fall.

ACC 312 Intermediate Accounting II  4 hours credit
The theoretical framework for accounting principles and procedures. Generally accepted accounting principles and financial statement presentation as applied to liabilities and equities. Prerequisites: ACC 311. Must have at least sophomore class standing. Spring.

ACC 321 Managerial-Cost Accounting  3 hours credit
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. Prerequisites: ACC 221 and 222. Must have at least sophomore class standing. Fall.

ACC 341 Introduction to Taxation  3 hours credit
Internal Revenue Service Code and Regulations. Advanced aspects of income, deductions, and credits, especially as applied to individuals. Must have at least sophomore class standing. Fall.

ACC 342 Advanced Taxation  3 hours credit
Internal Revenue Code and Regulations as applied to the tax requirements of partnerships, corporations, estates, and trusts. Tax structure, tax types, administration, tax data processing, and tax return preparation of partnerships and corporations. Prerequisite: ACC 341 or consent of instructor. Spring.

ACC 420 Auditing  3 hours credit
Auditing with emphasis on standards, scope of audits, work-papers, and audit reports. Prerequisite: ACC 312. To be taken during year of graduation. Fall.
**ACC 431  Advanced Accounting**  
3 hours credit  
A study of accounting procedures for partnerships, trusts, estates, mergers, and consolidations. Also includes government and nonprofit institution accounting. Stress is on consolidation of financial statements for corporations.  *Prerequisites: ACC 312. To be taken during year of graduation. Fall.*

**ACC 470  Advanced Accounting Topics I**  
1 hour credit  
Analysis of accounting concepts and principles not covered in previous accounting courses. Also allows the student an opportunity to refresh his or her knowledge of the subject matter of previous accounting courses and to otherwise prepare for successful completion of the Uniform Certified Public Accountants Examination. Emphasis is given in the course to pronouncements of the AICPA and FASB, to a review of prior CPA examination questions and problems, and to the development of sound examination-taking techniques.  *Prerequisites: ACC 312, 321, 341, 431 or concurrently. To be taken during year of graduation. Spring.*

**ACC 482  Accounting Practicum**  
1-2 hours credit  
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.  *Must have at least senior class standing.*

**ACC 490  Independent Study**  
1-2 hours credit  
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.  *Departmental consent required.*

**ACC 498  Portfolio**  
no credit  
The portfolio requirement will be met by creating the portfolio required in BUS 367. Students will develop a comprehensive portfolio documenting skills learned and assessment of such skills.  *See BUS 367 for complete description. Spring.*

**ACC 499  Senior Competency Practicum**  
no credit  
Satisfactory performance on simulated CPA Exam. Passing grade ‘C-’ or better.  *Must have at least senior class standing.*
AMERICAN STUDIES PROGRAM

Department: History
Chair: M. Clark-Wiltz

Minor: American Studies

American Studies rests upon the important assumptions that a culture should be investigated in its entirety and that a breadth of study leads to a depth of understanding. In keeping with these assumptions, American Studies at Franklin College is an interdisciplinary program. From a broad variety of disciplinary perspectives, the American Studies student will seek to understand the social, cultural, and intellectual forces which shape American culture.

The goals of the American studies program are:
• To give the student a better understanding of social forces that have influenced American culture;
• To present in a logical, meaningful pattern those writings of importance that have shaped Americans and the America of today;
• To foster and to cultivate the awareness of the rich heritage that is uniquely American;
• To stimulate a lively interest in and a sympathetic understanding of the development of the differing philosophies which have produced a variety of American thought;

American Studies Minor
All courses and prerequisites for courses taken to satisfy the American Studies minor must be completed with a grade of ‘C-’ or better. Student must have a minimum graduation GPA of 2.00 (A=4.00) in required minor courses. Students are strongly encouraged to take intercultural and international exploratories that consider the place of the United States in an increasingly globalized world.

Required Courses:
ENG 200 Introduction to Literary Studies
HIS 121 U.S. History Since 1877
HIS 325 History of American Thought
POL 110 American National Government

Plus TWO courses (with different prefixes) from the following:
ENG 355 Early American Literature
ENG 356 American Realism
ENG 357 American Modernism
HIS 250 Indiana History
HIS 331 African American History
HIS/WST 332 History of Women in US
HIS 335 U. S. History Since 1945
POL 225 State and Local Government
POL 234 American Political Participation
POL 410 American Constitutional Law I
POL 420 American Constitutional Law II
SOC/NPL 222 Social Probs & Nonprft Rspn
Individualized Majors in American Studies:
In addition to the four required courses for the American Studies minor, students would need to include in the major a capstone academic experience, an internship, and additional courses approved by the director of the program so that the number of hours would total at least 33.

Complete course descriptions for each of these offerings may be found elsewhere in this catalog under the appropriate major headings.
ART

Department Chair: S. Rakić
Art Faculty: D. Cunningham, S. Rakić, W. Shapiro

Majors: Art History, Art Studio (Tracks: Ceramics, Digital Fine Art Photography, Graphic Design, & Painting)

Minors: Art History, Art Studio

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’ broad appreciation of art and their ability to create art through curricular offerings of art history and art studio experiences. Both art major and art minor programs allow two possible tracks: one primarily focusing on the study of art history and the other on developing studio skills. The goal of both options is to develop students’ understanding of the major periods/styles in visual arts and to encourage students to explore their own creativity in drawing, painting, sculpting, and designing. The art history program offers a study of visual concepts and the major art movements within the historical period which produced them and gives students an understanding and appreciation of artistic endeavor and experience. The art studio major is designed to develop students’ skills for creating art while developing an appreciation of art and an 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 or C- or better is required for all prerequisite courses regardless of academic major.

Art History

Core Requirements:
ART 116 History of Art I: Anc. & Medieval Art
ART 117 History of Art II: Renais. to Mod. Art
ART 130 Color and Design
ART 140 Graphic Design I
ART 230 Modern Art
ART 235 Issues in Contemporary Art
ART 340 Selected Issues in Art
ART 350 East. Thought in West. Art
ART 499 Senior Comp. Exam

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.

Plus THREE of the following electives:
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
WIN XXX WT Art Course

Related Field Requirements:
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
Art Studio: Ceramics

Core Requirements:
ART 116 History of Art I: Ancient & Medieval Art
ART 117 History of Art II: Renaiss. to Modern Art
ART 130 Color and Design
ART 140 Graphic Design I
ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 499 Senior Comp. 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

Plus ONE of the following:
ART 190 Digital Fine Art Photography I
ART 240 Graphic Design II
ART 260 Drawing II
ART 270 Painting II
ART 300 Topics in Art
WIN XXX WT Course/Art Studio

Plus ONE of the following:
ART 230 Modern Art
ART 235 Issues in Contemporary Art
ART 340 Selected Issues in Art
ART 350 East. Thought in West. Art
WIN XXX WT Course/Art History

Related Field Requirements:
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
Art Studio: Digital Fine Art Photography

Core Requirements:
ART 116 History of Art I: Ancient & Medieval Art  ART 160 Drawing I
ART 117 History of Art II: Renaiss. to Modern Art  ART 170 Painting I
ART 130 Color and Design  ART 175 Ceramics I
ART 140 Graphic Design I  ART 499 Senior Comp. Exam

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

Track Requirements:
ART 190 Digital Fine Art Photography I  ART 390 Digital Fine Art Photography III
ART 290 Digital Fine Art Photography II  ART 395 Digital Fine Art Photography IV

Plus ONE of the following:
ART 240 Graphic Design II  ART 275 Ceramics II
ART 260 Drawing II  WIN XXX WT Course/Art Studio
ART 270 Painting II

Plus ONE of the following:
ART 230 Modern Art  ART 350 East. Thought in West. Art
ART 235 Issues in Contemporary Art  WIN XXX WT Course/Art History
ART 340 Selected Issues in Art

Related Field Requirements:
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
Art Studio: Graphic Design

**Core Requirements:**
- ART 116 History of Art I: Ancient & Medieval Art
- ART 117 History of Art II: Renais. to Modern Art
- ART 130 Color and Design
- ART 140 Graphic Design I
- ART 160 Drawing I
- ART 170 Painting I
- ART 175 Ceramics I
- ART 499 Senior Comp. 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 190 Digital Fine Art Photography I
- ART 240 Graphic Design II
- ART 345 Graphic Design III
- MMJ/PRL 180 Publication Design

**Plus ONE of the following:**
- ART 260 Drawing II
- ART 270 Painting II
- ART 275 Ceramics II
- ART 290 Digital Fine Art Photo. II
- ART 300 Topics in Art
- WIN XXX WT Course/Art Studio

**Plus ONE of the following:**
- ART 230 Modern Art
- ART 235 Issues in Contemporary Art
- ART 340 Selected Issues in Art
- ART 350 East. Thought in West. Art
- WIN XXX WT Course/Art History

**Related Field Requirements:**
- 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.
Art Studio: Painting

Core Requirements:
ART 116 History of Art I: Ancient & Medieval Art
ART 117 History of Art II: Renais. to Modern Art
ART 130 Color and Design
ART 140 Graphic Design I

ART 160 Drawing I
ART 170 Painting I
ART 175 Ceramics I
ART 499 Senior Comp. 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

Plus ONE of the following:
ART 190 Digital Fine Art Photography I
ART 240 Graphic Design II
ART 260 Drawing II

ART 275 Ceramics II
ART 300 Topics in Art
WIN XXX WT Course/Art Studio

Plus ONE of the following:
ART 230 Modern Art
ART 235 Issues in Contemporary Art
ART 340 Selected Issues in Art

ART 350 East. Thought in West. Art
WIN XXX WT Course/Art History

Related Field Requirements:
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.
Art History Minor
A minor in art requires the student to have a minimum graduation GPA of 2.00 (A=4.00) in required courses. All courses and prerequisites must be completed with a grade of C- or better. A grade or C- or better is required for all prerequisite courses regardless of academic major.

**Required courses:**
ART 116 History of Art I: Anc. & Medieval Art  ART 235 Issues in Contemporary Art
ART 117 History of Art II: Renais. to Modern Art  ART 350 East. Thought in West. Art
ART 230 Modern Art

**Plus ONE of the following:**
ART 130 Color and Design
ART 340 Selected Issues in Art

**Plus ONE of the following:**
Music - 3 hours minimum of courses with a MUS prefix
Theatre - one 3 credit hour course with a THE prefix

Art Studio Minor
A minor in art requires the student to have a minimum graduation GPA of 2.00 (A=4.00) in required courses. All courses and prerequisites must be completed with a grade of C- or better. A grade or C- or better is required for all prerequisite courses regardless of academic major.

**Required courses:**
ART 116 History of Art I: Anc. & Medieval Art  ART 130 Color and Design
ART 117 History of Art II: Renais. to Modern Art  ART 160 Drawing I

**Plus THREE of the following:**
ART 140 Graphic Design I  ART 275 Ceramics II
ART 170 Painting I  ART 290 Digital Fine Art Photo. II
ART 175 Ceramics I  ART 370 Painting III
ART 190 Digital Fine Art Photography I  ART 375 Ceramics III
ART 240 Graphic Design II  ART 390 Digital Fine Art Photo. III
ART 260 Drawing II  MMJ/PRL 180 Publication Design
ART 270 Painting II
Art Course Descriptions

ART 116 History of Art I: Ancient and Medieval Art 4 hours credit
A history of painting, sculpture, and architecture of the Ancient World and the Middle Ages - from Egyptian to Gothic art. Satisfies fine arts exploratory requirement. Fall.

ART 117 History of Art II: Renaissance to Modern Art 4 hours credit
A history of painting, sculpture, architecture and photography in Europe and America from the 15th century to the present. Satisfies fine arts exploratory requirement. Spring.

ART 130 Color and Design 3 hours credit
In this class you will learn the visual principles behind the creation of historic and contemporary masterpieces through lecture and hands on work with collage materials. Figure-ground relationships, afterimage, optical mixture, and 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. Satisfies fine arts exploratory requirement. Fall and spring.

ART 140 Graphic Design I 3 hours credit
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. Satisfies fine arts exploratory requirement. Fall and spring.

ART 160 Drawing I 3 hours credit
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. Satisfies fine arts exploratory requirement. Fall and spring.

ART 170 Painting I 3 hours credit
An introduction to painting techniques, materials, and history. Acrylic and Oil paints will be used. Studio format with lectures, demonstrations, group critiques, and individualized instruction. Fee: $100 nonrefundable for cost of all materials. Satisfies fine arts exploratory requirement. Fall and spring.

ART 175 Ceramics I 3 hours credit
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: $75 nonrefundable. Satisfies fine arts exploratory requirement. Every fall, and spring odd academic years.

ART 190 Digital Fine Art Photography I 3 hours credit
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. Satisfies fine arts exploratory requirement. Fall and spring.
ART 230  Modern Art  3 hours credit
A history of painting, sculpture, architecture, and photography of the 20th century. Satisfies fine arts exploratory requirement. Spring, odd academic years.

ART 235 Issues in Contemporary Art  3 hours credit
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. Spring, even academic years.

ART 240 Graphic Design II  3 hours credit
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. Prerequisite: ART 140. Spring, odd academic years.

ART 260  Drawing II  3 hours credit
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. Prerequisite: ART 160 or consent of the instructor. Fall and spring.

ART 270  Painting II  3 hours credit
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. Prerequisite: ART 170. Fee: $30 nonrefundable for cost of all materials. Fall and spring.

ART 275 Ceramics II  3 hours credit
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: $75 nonrefundable. Prerequisite: ART 175. Every fall, and spring odd academic years.

ART 290 Digital Fine Art Photography II  3 hours credit
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. Prerequisite: ART 190. Fall and spring.

ART 300 Topics in Art  3 hours credit
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 for academic affairs.

ART 340 Selected Issues in Art  3 hours credit
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 for academic affairs. Fall.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 345</td>
<td>Graphic Design III</td>
<td>3 hours</td>
<td>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. <strong>Prerequisite:</strong> ART 240. Fall.</td>
</tr>
<tr>
<td>ART 350</td>
<td>Eastern Thought in Western Art</td>
<td>3 hours</td>
<td>Study of the impact of the teachings of Eastern Philosophy on modern artists in the West. Satisfies intercultural requirement. Spring, even academic years.</td>
</tr>
<tr>
<td>ART 370</td>
<td>Painting III</td>
<td>3 hours</td>
<td>A continuation of ART 270, this is an advanced painting 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. <strong>Prerequisite:</strong> ART 270. Fee: $30 nonrefundable for cost of all materials. Fall and spring.</td>
</tr>
<tr>
<td>ART 375</td>
<td>Ceramics III</td>
<td>3 hours</td>
<td>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. <strong>Prerequisite:</strong> ART 275. Fee: $75 nonrefundable. Every fall, and spring odd academic years.</td>
</tr>
<tr>
<td>ART 390</td>
<td>Digital Fine Art Photography III</td>
<td>3 hours</td>
<td>A continuation of ART 290. This class is offered on demand only.</td>
</tr>
<tr>
<td>ART 395</td>
<td>Digital Fine Art Photography IV</td>
<td>3 hours</td>
<td>A continuation of ART 390. This class is offered on demand only.</td>
</tr>
<tr>
<td>ART 370</td>
<td>Painting IV</td>
<td>3 hours</td>
<td>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. <strong>Prerequisite:</strong> ART 370. Fee: $30 nonrefundable for cost of all materials. Fall and spring.</td>
</tr>
<tr>
<td>ART 375</td>
<td>Ceramics IV</td>
<td>3 hours</td>
<td>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. <strong>Prerequisite:</strong> ART 375. Fee: $75 nonrefundable. Every fall, and spring odd academic years.</td>
</tr>
<tr>
<td>ART 482</td>
<td>Art Practicum</td>
<td>1-2 hours</td>
<td>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. <strong>Prerequisite:</strong> consent of instructor.</td>
</tr>
<tr>
<td>ART 490</td>
<td>Independent Study</td>
<td>1-2 hours</td>
<td>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. <strong>Prerequisite:</strong> departmental and instructor permission.</td>
</tr>
<tr>
<td>ART 498</td>
<td>(ART HISTORY) Senior Portfolio Review</td>
<td>no credit</td>
<td>A supervised, pre-approved senior year experience which allows students to review personal learning goals in the field of art history. Pass/Fail. Fall and spring.</td>
</tr>
</tbody>
</table>
ART 498 (ART STUDIO) Senior Portfolio Review  
This senior year experience is fulfilled by putting up a personal art show of best works done in the major track field. Pass/Fail. Fall and spring.

ART 499 (ART HISTORY or ART STUDIO) Senior Comprehensive Exam  
Students will take a written or oral exam which covers information from core requirements for the major. Letter graded. Co-requisite: SNR/SNT 489. Fall and spring.

PDP 210 Professional Practices in Fine Arts  
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. Spring.

SNR/SNT 489 (ART HISTORY) Senior Experience  
*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. Co-requisite: ART 499. Fall and spring.

SNR/SNT 489 (ART STUDIO) Senior Experience  
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 regular basis with the practicum advisor. Students must earn at least a grade of C. Co-requisite: ART 499. Fall and spring.
ATHLETIC TRAINING

Department: Kinesiology
Department Chair: K. Eiler
Department Members: J. Austin, M. Britner, K. Eiler, S. Gaven, K. Noerr, K. Remsburg
Department Adjuncts: C. Shaff, K. Zimmerman

Major: Athletic Training
Minor: Fitness

We are in the process of transitioning our undergraduate athletic training program to a Master’s in Athletic Training. As a result of that transition, we will be phasing out our undergraduate athletic training program. Subsequently, the 2015-16 academic year will be the last year we will be accepting applications for any student who is interested in the undergraduate athletic training program.

Athletic Training Program
The Franklin College Athletic Training Program (AT Program) is an accredited curriculum program through the Commission on Accreditation of Athletic Training Education (CAATE). The Franklin College AT Program is a blend of academic preparation, practical application, and personal attention. It is designed to prepare students for competitive healthcare careers. Athletic training students are carefully led through incremental and sequenced classes designed to provide solid evidence based knowledge combined with hands-on practical experience. Numerous field and clinical rotations complement course work throughout the three-year professional athletic training sequence and provide a solid foundation of professional development experiences. In addition, diverse athletic training settings in the Franklin, Greenwood, Columbus, and Indianapolis areas offer unique opportunities for educational advancement.

Admission to Athletic Training Program
The application process for entry into the AT Program requires several steps and has minimum standards. These include:

1. receiving a grade of ‘C+’ or higher in five specific classes taken prior to acceptance. The grade for BIO 110 or 115 and BIO 120/120L will be averaged.
   a. ATR 144: Introduction to Sports Medicine
   b. ATR 182: Clinical Experiences in Athletic Training I
   c. BIO 110: Introduction to Human Anatomy and Physiology OR BIO 115 Human Anatomy and Physiology I
   d. BIO 120 & BIO 120L: Human Anatomy and Physiology II & Lab
   e. EXE 222: First Aid and CPR/AED for the Professional Rescuer
2. obtaining a minimum overall GPA of 2.75 (A=4.00)
3. completing blood-borne pathogen training (prior to starting observation hours)
4. accruing a minimum of 50 directed observation hours in the athletic training facility and practice settings
5. completing specific athletic training skills
6. submitting an application along with an essay addressing specific AT Program and athletic training questions
7. submitting completed medical verification and technical standard forms
8. completing an interview and demonstrating a strong desire to become certified as an athletic trainer

After admission to the AT Program prior to beginning clinical experience rotations:
1. submitting a completed physical
2. submitting proof of completing the Hepatitis B series or having a declination form on record
3. submitting proof of completing a TB titer and test
4. completion of specific programmatic forms

The number of students admitted into the AT Program is competitive and contingent on the number of students currently in the program. The maximum number of students in the AT Program will not exceed 34 at any one time.

Each candidate is required to complete blood-borne pathogen training prior to beginning observation hours. Once the training has been successfully completed, candidates must observe a minimum of 10 hours (not to exceed 15 hours) during the first semester of his/her application year and 35-40 hours during the second semester of his/her application year for a total of 50 hours. During directed observation hours, candidates should exhibit interest, enthusiasm, and motivation as shown by work habits, punctuality, responsibility, and initiative. Of the 50 hours, a minimum of 10 hours must be completed by observing Franklin College athletic competitions and practices.

Each candidate is required to submit an essay as part of the application process. The essay allows the Athletic Training Review Committee to assess the candidate’s written communication skills and attention to detail by answering specific athletic training-related questions.

The AT Program is a rigorous and intense program that places specific physical and intellectual demands on its students. Because of this, each candidate must submit completed medical forms, documentation of vaccinations, and complete the required programmatic forms. These forms ensure candidates meet the stated technical standards, the physical and mental demands of the AT Program, as well as the accreditation requirements.

The technical standards are designed to articulate the physical and mental demands of the Franklin College AT Program in a way that allows students applying for admission into the program to compare their capabilities against these demands. Applicants to the AT Program are asked to certify their ability to complete specific tasks associated with performance as an athletic training student, with or without reasonable accommodations, by signing the technical standards document. Reasonable accommodation refers to ways in which Franklin College can assist students with disabilities to accomplish a task, i.e. providing extra time to complete an examination, enhancing the sound system in a classroom, or providing a push cart for a student who may not have the strength to carry a heavy item. Reasonable accommodation does not mean that a student with disabilities
will be exempt from certain tasks; it does mean that the AT Program faculty/staff will work with the student to determine if there are ways to assist with completion of these tasks. The complete technical standards document can be found on the Franklin College Athletic Training website. Students who have questions about this document should inquire with the Franklin College Affirmative Action Officer and the AT Program director. These technical standards meet the requirements set forth by the American Disabilities Act (ADA) of 1990.

Many of the students in the AT Program are also student-athletes. In order to ensure success as a student-athlete and as a student in the AT Program, an intercollegiate student-athlete policy is in place. Candidates applying to the program are required to submit a signed copy of the policy as part of the application process acknowledging their understanding of the policy.

After candidates have completed all steps of the application process, the Athletic Training Review Committee, comprised of AT Program faculty and staff, assess each candidate’s application material individually according to established AT Program admission criteria. A decision is reached on each candidate’s acceptance/declination into the Franklin College AT Program after final grades have been submitted. An official letter of acceptance or rejection is mailed to each candidate by June 1st. Students must be accepted into the AT Program before finalizing enrollment in any sophomore-level athletic training major classes.

Transfer Students
The AT Program at Franklin College will accept transfer students as long as they have met stated program admission and Franklin College requirements, as there are spaces available. The level the student is placed in the AT Program depends on the competencies and proficiencies completed at the previous institution and the student’s ability to demonstrate mastery of specific competencies and proficiencies. Please contact the AT Program Director about your particular situation. Please refer to the Transfer Student section of this catalog for the college’s requirements.

Continuance in Athletic Training Program
The students in the Franklin College AT Program are of the utmost importance to the athletic training faculty and staff. All athletic training students in the AT Program have both mid-term and final grades reviewed to ensure satisfactory progress is being made toward graduation. Each student within the AT Program must maintain a 2.75 (A = 4.00) or above cumulative GPA to participate in clinical experience rotations.

Each athletic training student meets with a preceptor quarterly to discuss his/her personal 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 his/her preceptor and the preceptor to receive feedback from the student. Preceptors may request more frequent evaluations if a student is not performing adequately in the clinical portion of the major. The student and preceptor will discuss the concerns and come to a mutual agreement on a plan for improvement. If inappropriate behavior persists, or an evaluation falls below average, the AT Program director reserves
the right to place a student on probation from clinical experience rotations until the student shows progress towards improving skills, techniques, proficiencies, and/or behavior.

The Franklin College AT Program consists of several clinical experience rotation and internship requirements. Some clinical experience rotations are completed at off-campus clinical settings in Franklin, Greenwood, Columbus, and Indianapolis. In order to fulfill the requirements of these rotations, which are completed throughout the three-year professional athletic training sequence, a student in the AT Program must have access to transportation.

Students who excel in the AT Program have the opportunity to join the Franklin College chapter of Iota Tau Alpha, the official academic honorary society of the National Athletic Trainers’ Association. Juniors and seniors who possess a 3.5 or higher cumulative GPA are eligible to join in the fall semester of their junior or senior year.

Probation within the AT Program
In the event a student’s cumulative GPA falls under the 2.75 minimum, the student will be placed on academic probation and required to stop participating in clinical experiences for one semester. The student will have one semester to improve his/her cumulative GPA to acceptable standards or he/she will be dismissed from the program. Once positive improvement has been demonstrated in his/her cumulative GPA, the student may apply for reinstatement to the program. It is important to note that all courses in the AT Program are sequential and are prerequisites for subsequent athletic training courses.

A grade of ‘C+’ or higher is required for all athletic training major classes including related field requirements. If a student receives a ‘C’ or below in one of these courses, the course will have to be repeated and the student will be placed on academic probation. The student will be taken off probation when he/she has repeated the course and received a successful grade. A student who is put on probation within the program will fall behind in his/her coursework by an entire year, thus postponing graduation.

If a student is placed on probation a second time, whether it is for low GPA or unacceptable grades, the student will be automatically dismissed from the AT Program. If a course grade and the student’s cumulative GPA are unacceptable in the same semester, the student will be automatically dismissed from the program.

The AT Program director, faculty, and staff will make every effort to provide support and access to appropriate tutorial assistance to help the student restore his/her good academic standing. The role of the preceptors includes not only instruction and supervision of the student, but also advising and supporting a student’s academic success.
Athletic Training Program Expenses

Students who are admitted to the AT Program will incur required expenses throughout the duration of the program. Below is a list of expenses students in the AT Program will accrue that are above required course fees (which are listed with the course description).

<table>
<thead>
<tr>
<th>Type of Expense</th>
<th>Expected Time of Expense</th>
<th>Approximate Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hepatitis B Vaccine (series of 3 shots)</td>
<td>Once admitted into the AT Program if not previously received</td>
<td>Varies per shot</td>
</tr>
<tr>
<td>Tetanus Shot</td>
<td>Once admitted into the AT Program if not current</td>
<td>$15 - $100</td>
</tr>
<tr>
<td>TB Test</td>
<td>Each year by August 1st once admitted into the AT program</td>
<td>$5 - $50</td>
</tr>
<tr>
<td>Flu Shot</td>
<td>Each year by fall break once admitted into the AT program</td>
<td>$15-50</td>
</tr>
<tr>
<td>Medical Physical</td>
<td>By August of first year after admittance into AT Program</td>
<td>Varies</td>
</tr>
<tr>
<td>Professional Attire</td>
<td>During entire program</td>
<td>Varies</td>
</tr>
<tr>
<td>Background check</td>
<td>As required by specific clinical sites</td>
<td>$7 - 25</td>
</tr>
<tr>
<td>Transportation to off-campus clinical sites</td>
<td>Throughout the duration of the AT Program</td>
<td>Varies</td>
</tr>
<tr>
<td>First Aid and CPR recertification</td>
<td>Bi-annually for CPR and First Aid</td>
<td>$20 for each certification</td>
</tr>
<tr>
<td>National and state association memberships</td>
<td>Sophomore year and each subsequent year as a student in the AT program</td>
<td>$75</td>
</tr>
<tr>
<td>Iota Tau Alpha Honor Society</td>
<td>Fall semester junior or senior year – if accepted</td>
<td>$25</td>
</tr>
<tr>
<td>BOC exam</td>
<td>In semester nearest to or after graduation</td>
<td>$300</td>
</tr>
</tbody>
</table>
Athletic Training Major

**Core requirements:**
- ATR 121 Medical Terminology and Doc.
- ATR 144 Introduction to Sports Medicine
- ATR 234 Evaluation of Lower Extremity Injuries
- ATR 235 Evaluation of Upper Extremity Injuries
- ATR 280 Field Exp. in Athletic Training
- ATR 336 Eval of Spine, Trunk & Head Injuries
- ATR 346 Therapeutic Rehabilitation
- ATR 347 Therapeutic Modalities
- ATR 350 Protective Equipment
- ATR 441 Org & Admin of AT Prog
- ATR 450 Recog Med Cond & Disab
- ATR 470 Sem. in Athletic Training
- ATR 489 Professional Dev. Exp.
- ATR 499 Senior Comp. Practicum

**PLUS:**
- ATR 182/281/282/381/382/481 Clinical Experiences in Athletic Training I - VI
- ATR 498 Clinical Experiences in Athletic Training VII and Professional Dev. Portfolio

**PLUS Related field requirements:**
- BIO 110 Intro to Human Anat. and Phys. OR BIO 115 Human Anatomy & Physiology I
- BIO 120 Human Anatomy & Physiology II
- BIO 120L Human Anatomy & Physiology II Lab
- EXE 119 Concepts of Wellness
- EXE 208 Basic Principles of Nutrition
- EXE 222 First Aid & CPR/AED
- EXE 372 Exercise Physiology
- EXE 372L Exercise Physiology Lab
- EXE 375 Health Assess. and Promo.
- EXE 387 Biomechanics
- EXE 387L Biomechanics Lab
- EXE 401 Research Methods I
- EXE 402 Research Methods II
- PSY 117 General Psychology

**Athletic Training Electives – Not Required:**
- ATR 300 Topics in Athletic Training
- ATR 480 Internship in Athletic Training
- ATR 482 Athletic Training Pract. 
- ATR 490 Independent Study

**Strongly recommended:**
- BIO 225 Bioethics
- EXE 480 Internship in Fitness or EXE 483 Fitness Practicum
- MAT 224 Basic Applied Statistics

**Possible Related Field Requirements – Physical Therapy Track**
- CHE 121/123; CHE 122/124; MAT 224; PHY 201/203 & PHY 202/204; BIO 134; BIO 140; 2nd behavioral science class – specific prerequisites varies by program

**Possible Related Field Requirements – Physician Assistant Track**
- CHE 121/123; CHE 122/124; CHE 221/223; BIO/CHE 334; BIO 373; 2nd behavioral science class – specific prerequisites varies by program
Fitness Minor

Core requirements:
- EXE 119 Concepts of Wellness
- EXE 208 Basic Principles of Nutrition
- EXE 244 Intro to Strength & Condit Mthd
- EXE 372 Exercise Physiology
- EXE 372L Exercise Physiology Lab
- EXE 375 Health Assessment & Promotion

Plus ONE of the following:
- EXE 480 Internship in Fitness
- EXE 483 Fitness Practicum

Related course requirements:
- BIO 110 Intro to Human Anat. and Phys. OR BIO 115 Human Anatomy & Physiology I
- BIO 120 Human Anatomy and Physiology II
- BIO 120L Human Anatomy and Physiology II Lab
Athletic Training Course Descriptions

ATR 121 Medical Terminology and Documentation for Allied Health Professions 1 hour credit
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. Fall.

ATR 144 Introduction to Sports Medicine 2 hours credit
This course is designed to expose the student to important aspects of sports medicine, including roles of health care providers, professional associations, and strategies for preventing injuries. Current trends in injury and illness recognition and prevention, environmental concerns, and the principles of strength and conditioning will also be covered. Spring.

ATR 182 Clinical Experiences in Athletic Training I 1 hour credit
This course is designed to give the athletic training candidate opportunities to develop proficiency in general athletic training clinical skills and competencies. This class will allow AT Program candidates to learn taping and wrapping skills, universal precautions, athletic training terminology, and general athletic training skills. Course fee $5.00. Prerequisite: Only students applying to the AT Program are eligible to take this class. Spring.

ATR 234 Evaluation of Lower Extremity Injuries 3 hours credit
This is the first class in a series of classes that introduces athletic training students to the procedures and techniques used in the evaluation of injuries. Lower extremity injuries will be covered as well as the identifying anatomical and biomechanical considerations that may lead to an injury episode. The evaluation process will be enhanced by clinical application in lab experiences. Prerequisite: admission to the AT Program. Fall.

ATR 235 Evaluation of Upper Extremity Injuries 2 hours credit
This second class in the series of evaluation classes introduces the procedures, techniques, and identifying anatomical and biomechanical considerations used in the evaluation of upper extremity injuries. The evaluation process will be enhanced by clinical application in lab experiences. Prerequisite: ATR 234. Spring.

ATR 280 Field Experiences in Athletic Training 4 hours credit
Rotations through various off-campus health care settings introduces athletic training students to the many work environments available within the athletic training profession. One-week rotations will be completed at a variety of off-campus sites, including, but not limited to: clinics, orthopedic and chiropractic offices, high schools, and sports performance settings. Self-transportation to off-campus sites is required. Prerequisite: ATR 234. Winter Term; sophomore year.

ATR 281 Clinical Experiences in Athletic Training II 1 hour credit
This course is the first clinical course in the professional aspect of the Athletic Training Program. Rotations through on and off-campus clinical settings will expose athletic training students to athletic injuries and their management. Emphasis will be placed on environmental risk management, selecting and applying preventative and protective tapings and wrappings, wound care, crutch and cane fitting, and first-aid and emergency care procedures. Affiliated clinical experiences with supervised integration of required clinical integration proficiencies are encompassed in this course. Prerequisites: admission to the AT Program, ATR 182, and EXE 222. Fall.

ATR 282 Clinical Experiences in Athletic Training III 1 hour credit
Clinical education in the recognition and evaluation skills of lower extremity injuries will be emphasized. Affiliated clinical experiences with supervised integration of required clinical integration proficiencies are encompassed in this course. Prerequisites: ATR 234 and 281. Spring.
ATR 300 Topics in Athletic Training  
A topic of current interest in athletic training will be taught. Topics will vary depending on faculty interest. This course will be offered upon the request of faculty members and with the approval of the Vice President of Academic Affairs. **Prerequisite: admission to the AT Program.**

ATR 336 Evaluation of Spine, Trunk and Head Injuries  
This last class in the series of evaluation classes introduces athletic training students to the procedures, techniques, and identifying anatomical considerations used in the evaluation of spine, trunk and head injuries. The evaluation process will be enhanced by clinical application in lab experiences. **Prerequisite: ATR 235. ATR 347 must be taken concurrently. Fall.**

ATR 346 Therapeutic Rehabilitation  
Explores the foundations and goals of rehabilitation by introducing different therapeutic exercise techniques that can be used to return injured patients to participation. Specific techniques will be discussed in class and applied through laboratory experiences. **Prerequisites: ATR 336, 347, EXE 387, and EXE 387L. Spring.**

ATR 347 Therapeutic Modalities  
The use of modalities for treating injuries will be introduced by examining the physiological response of an injured patient. Students will be exposed to the indications and contraindications in the use of thermotherapies, electrotherapies, and mechanical and light therapies for therapeutic intervention. These will be reinforced by clinical application in lab experiences. **Prerequisite: ATR 235. ATR 336 must be taken concurrently. Fall.**

ATR 350 Protective Equipment, Fabrication, and Fitting  
This course introduces athletic training students to multiple bracing and padding techniques. Upon completion, students will be able to effectively fabricate, fit, and determine which protective equipment would best prevent and treat various injuries. **Prerequisites: ATR 234 and 235. Fall.**

ATR 355 Recognition of General Medical Conditions and Disabilities  
This course is designed to assist athletic training students with the recognition, evaluation, care and proper referral of general medical conditions that affect the physically active. The course provides students with hands-on opportunities in the evaluation of heart, lung, and bowel sounds as well as the use of the otoscope, ophthalmoscope, and other diagnostic instruments commonly used by athletic trainers. **Prerequisites: ATR 336 and 347. Spring.**

ATR 381 Clinical Experiences in Athletic Training IV  
Clinical education in the recognition and evaluation skills of upper extremity injuries will be emphasized. Affiliated clinical experiences with supervised integration of required clinical integration proficiencies are encompassed in this course. **Prerequisites: ATR 235 and 282. Fall.**

ATR 382 Clinical Experiences in Athletic Training V  
Clinical education in selecting parameters for therapeutic modalities and the recognition and evaluation skills of spine, trunk, and head injuries will be emphasized. Affiliated clinical experiences with supervised integration of required clinical integration proficiencies are encompassed in this course. **Prerequisites: ATR 336, 347, and 381. Spring.**

ATR 441 Organization and Administration of Athletic Training Programs  
This course is designed to develop knowledge about the concepts of management and the importance of administration as it relates to athletic training. Basic concepts of legal liability, fiscal management, inventory control, facility design, and maintenance will be addressed. Additionally, athletic training students will learn about the application of management skills in a variety of clinical settings. Topics of professional development and ethics will also be emphasized. **Prerequisites: ATR 346, 347, and 355. Fall.**
ATR 470 Seminar in Athletic Training  
This course is designed to introduce students to athletic training professional development, pharmacological issues common to athletic training, psychosocial intervention techniques, and to be consumers of research. Upon completion of this course students will be able to apply pharmacological and psychosocial principles when working with patients, and have a professional development plan in place. 
Prerequisites: ATR 346, 347, and 355 and EXE 401. EXE 402 must be taken concurrently. Fall.

ATR 480 Internship in Athletic Training  
A clinical experience in an athletic training setting that is additional to the required professional development experience and is equivalent to four weeks of full-time employment. 
Prerequisite: Consent of the AT Program Director. ATR 480 will fulfill four semester hours of the winter term requirement if taken during winter term. Junior or Senior year.

ATR 481 Clinical Experiences in Athletic Training VI  
Clinical education in therapeutic exercise and protective equipment, as well as integration of material from previous classes will be emphasized. Student professional development portfolios will be finalized in this course. Affiliated clinical experiences with supervised integration of clinical integration proficiencies are encompassed in this course. 
Prerequisites: ATR 346, 350, and 382. Fall.

ATR 482 Athletic Training Practicum  
This athletic training practicum provides the athletic training student with the opportunity for practical experience in an athletic training setting. Students may take ATR 482 for 1 or 2 credit hours. 
Prerequisite: Consent of the AT Program Director. Graded: Pass/Fail. Fall and spring.

ATR 489 Professional Development Internship Experience  
Athletic Training majors will complete a semester-long professional development internship prior to or during their senior year. This experience will meet the professional development component required for all seniors to graduate from Franklin College. Professional development experiences are completed at off-campus locations in Franklin, Greenwood, Columbus, Indianapolis, or at a pre-approved site of the student’s choice. Self-transportation to off-campus sites is required. 
Prerequisite: ATR 382. Senior year.

ATR 490 Independent Study  
This course is designed to encourage student initiative and provide a degree of flexibility in the ATEP. Normally the subject is not sufficiently or appropriately covered in departmental course offerings. 
Prerequisites: Consent of the AT Program Director. Fall and Spring.

ATR 498 Clinical Experiences in Athletic Training VII & Professional Dev. Portfolio  
Clinical education emphasizing general medical conditions, pharmacology, psychosocial intervention, professional development, and material from previous classes will be emphasized. Affiliated clinical experiences with supervised integration of the required clinical integration proficiencies are encompassed in this course. 
Prerequisite: ATR 382. Senior year.

ATR 499 Senior Competency Practicum  
This practicum is designed to prepare senior athletic training students to successfully pass the national Board of Certification (BOC) exam required to become certified as an athletic trainer. Students in this class must pass a mock BOC exam with a minimum percentage in order to graduate from the AT Program and Franklin College. 
Prerequisite: ATR 382. Senior year.

*See respective department for related field course descriptions.
BIOLOGY

Department: Biology
Department Chair: S. Mordan-McCombs
Department Members: S. Browder, A. Heikens, S. Mordan-McCombs, B. O’Neal, S. Rhodes

Major: Biology (Tracks: Standard, Cell and Molecular Biology, Ecology/Conservation, and Environmental Science)
Minors: Biology, Biochemistry, Environmental Science, Neuroscience
Pre-Professional Programs: Pre-Dental, Pre-Medical, Pre-Podiatry, Pre-Medical Technician (See Medical Technology section of the catalog), Pre-Optometry, Pre-Pharmacy, Pre-Physical Therapy, Pre-Occupational Therapy, Pre-Veterinary, Pre-Physician’s Assistant
Cooperative Programs: Health-related Professions: Medical Technology, Pharmacy, Dentistry, Public Health

The biology program at Franklin College is designed to provide students with knowledge of the content of the various disciplines of biology. The program 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 four following tracks or a Cooperative 3+ Program in Biology. Only one program or track will be recorded on the student’s transcript. All tracks share a common core and each track has additional biology, chemistry, and related field requirements. 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 all biology tracks)

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 134 Principles of Biology</td>
</tr>
<tr>
<td>BIO 230 Zoology</td>
</tr>
<tr>
<td>BIO 140 Cell Biology</td>
</tr>
<tr>
<td>BIO 470 Senior Seminar</td>
</tr>
<tr>
<td>BIO 221 Botany</td>
</tr>
<tr>
<td>BIO 499 Senior Comprehensive Experience</td>
</tr>
</tbody>
</table>

Plus: Related Field and Professional Development Program/Senior Year Experience requirements

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.

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 121 General Chemistry I</td>
</tr>
<tr>
<td>CHE 123 General Chemistry I Lab</td>
</tr>
<tr>
<td>CHE 122 General Chemistry II</td>
</tr>
<tr>
<td>CHE 124 General Chemistry II Lab</td>
</tr>
</tbody>
</table>

Mathematics Related Field Requirement for Biology Major
Choose 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

Biology Professional Development Program/Senior Year Experience
All Biology majors must complete the requirements of either Plan A or Plan B.

Plan A
BIO 002 Senior Year Experience
BIO/CHE 390 Professional Development Planning
SNR 489 Professional Development Research Experience

To receive permission to do Plan A, students must complete an SNR proposal sponsored by a faculty member who will oversee their project. Proposals are due on November 15 for Spring SNR 489 Internships, and on April 15 for Summer and Fall SNR 489 Internships. This proposal must be approved by the Biology or Chemistry Department prior to the start of the project. BIO 002 and 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 002 Senior Year Experience
BIO/CHE 390 Professional Development Planning
INT XXX Internship

(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:
BIO 322 Ornithology
BIO 335 Plant Communities
BIO 240 Ecology

ONE of the following:
BIO 350 Genetics
BIO 360 Animal Physiology
(or BIO 115 & BIO 120/120L Human Anat. & Phys. I & II with departmental approval)

PLUS:
A minimum of 10 hours from Biology courses numbered BIO 221-392 (except BIO 390). Students may count either BIO 372/BIO 372L or BIO 387/BIO 387L as part of this 10 hour requirement, but not both.

Biology Major - Cell and Molecular Biology Track
In addition to the core and PDP/SYE requirements, students must take the following:

BIO/CHE 334 Biochemistry
BIO 350 Genetics
BIO 360 Animal Physiology
BIO 373 Microbiology
BIO 374 Adv Cell & Molecular Bio

BIO 392 Tech in Biotechnology & Biochemistry
CHE 221 & 223 Organic Chemistry I & Lab
CHE 222 & 224 Organic Chemistry II & Lab
PHY 201 or 211 & 203 General Physics I & Lab
PHY 202 or 212 & 204 General Physics II & Lab

ONE of the following:
CHE 322 Spectroscopic Methods
CHE 448 Instrumental Analysis

Recommended Courses:
BIO 375 Undergraduate Research in Biology or Chemistry
BUS 100 Introduction to Business
ECO 115 Principles of Economics
**Biology Major - Ecology/Conservation Track**
In addition to the core and PDP/SYE requirements, students must take the following:
(the core math option of LA 103 and MAT/PSY 224 is required for this track)

- BIO 320 Conservation Biology
- BIO 322 Ornithology
- BIO 335 Plant Communities
- BIO 240 Ecology
- BIO 380 Field Biology
- ENG 328 Advanced Composition
- ESC 118 Earth Science

**ONE of the following:**
- BIO 350 Genetics
- BIO 360 Animal Physiology
  (or BIO 115 & BIO 120/120L Human Anat. & Phys. I & II with departmental approval)

**Recommended courses:**
- BIO 375 Undergrad Rsch in Bio or Chem
- BIO 382 Comparative Animal Behavior
- CMP 130 Introduction to Computing
- LA 112 Environment-related course
- LA 315 Living Sustainably
- REL 210 Religion and the Environment

**Biology Major - Environmental Science Track**
In addition to the core and PDP/SYE requirements, students must take the following:
(the core math option of LA 103 and MAT/PSY 224 is required for this track)

- BIO 320 Conservation Biology
- BIO 240 Ecology
- CHE 221 & 223 Organic Chem I & Lab
- CHE 222 & 224 Organic Chem II & Lab
- CHE 227 Analytical Chemistry
- ECO 115 Principles of Economics
- ENG 328 Advanced Composition
- ESC 118 Earth Science
- POL 110 American National Government
- POL 336 Introduction to Public Policy

**ONE of the following:**
- BIO 350 Genetics
- BIO 360 Animal Physiology
  (or BIO 115 & BIO 120/120L Human Anat. & Phys. I & II with departmental approval)

**PLUS a minimum of 7-8 hours from:**
- BIO 322 Ornithology
- BIO/CHE 334 Biochemistry
- BIO 335 Plant Communities
- BIO 373 Microbiology
- BIO 380 Field Biology

**Recommended Courses:**
- BIO 322 Ornithology
- BIO/CHE 334 Biochemistry
- BIO 335 Plant Communities
- BIO 373 Microbiology
- BIO 375 Undergrad Rsch in Bio or Chem
- CMP 130 Introduction to Computing
- LA 112 Environment-related courses
- LA 315 Living Sustainably
- REL 210 Religion and the Environment
- SOC 118 Introduction to Sociology
- SOC/NPL 222 Social Probs & Nonprft Rspn
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 120-392 (BIO 225 cannot count towards both a Biology minor and the Philosophy and Religion exploratory course).

Biochemistry Minor
(Available to non-biology and non-chemistry majors ONLY.)

Required courses:
BIO 134 Principles of Biology  BIO/CHE 392 Techs in Biotech & Biochem
BIO 140 Cell Biology  CHE 222 Organic Chemistry II
BIO/CHE 334 Biochemistry  CHE 224 Organic Chemistry Lab II

Plus ONE course from the following:
BIO 360 Animal Physiology  BIO 373 Microbiology

Recommended Course
BIO 375 Undergraduate Research in Biology or Chemistry

Environmental Science Minor (not available to biology majors)

Core Requirements:
BIO 134 Principles of Biology  BIO 380 Field Biology
BIO 320 Conservation Biology  ESC 118 Earth Science
BIO 240 Ecology  INT XXX Environmental Science Internship

Plus ONE of the following:
BIO 322 Ornithology  BIO 335 Plant Communities

Plus ONE of the following:
ECO 115 Introduction to Economics  SOC 118 Introduction to Sociology
POL 110 American National Government
**Neuroscience Minor**

**Core Requirements:**
- PSY 117 General Psychology
- PSY 322 Physiological Psychology
- Independent study, research, or Internship related to Neuroscience (2 credit minimum)

**Plus:**
- BIO 115 AND BIO 120/120L Human Anatomy & Physiology I & II & Lab
  - Or: BIO 360 Animal Physiology

**Plus ONE of the following:**
- PSY 324 Psychology of Learning
- PSY 326 Drugs, Brain, and Behavior

**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.

**Pre-Med (allopathic and osteopathic) and Pre-podiatry** - Drs. Browder or Mordan-McCombs
**Pre-Pharmacy and Pre-Dentistry** - Dr. Khatri
**Pre-Veterinary Medicine** - Dr. O’Neal
**Pre-Optometry** - Dr. Rhodes
**Pre-Physician’s Assistant and Pre-Medical Technology** - Dr. Chikwana
**Pre-Physical Therapy and Pre-Occupational Therapy** - Dr. Heikens

Additional information regarding pre-professional program requirements are located on the Franklin College website at [http://www.franklincollege.edu/academics/division-of-natural-science/health-professions/](http://www.franklincollege.edu/academics/division-of-natural-science/health-professions/)

**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 and completion of one of the two required intercultural/international courses), 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, 2) one additional intercultural or international course, and 3) 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 470 Biology Seminar
BIO 140 Cell Biology  BIO 499 Senior Competency Practicum
BIO 350 Genetics  CHE 121 & 123 General Chemistry I
BIO 390 Profess. Development Planning  CHE 122 & 124 General Chemistry II

Mathematics Requirement
Choose 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

Plus at least ONE of the following:
BIO 221 Botany  BIO 230 Zoology  BIO 240 Ecology

Plus: Biology/Chemistry Professional Development Program/Senior Year Exper.
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 three programs):

A. Medical Technology (Franciscan St. Francis Health or IU Health Methodist Hospital Clinical Laboratory Science Program)
BIO 120/120L Human Anat & Phys II & Lab OR CHE 221 Organic Chemistry I
BIO 360 Animal Physiology CHE 222 Organic Chemistry II
BIO 373 Microbiology CHE 223 Organic Chemistry Lab I
BIO/CHE 334 Biochemistry CHE 224 Organic Chemistry Lab II
Plus: Completion of the clinical program at Franciscan St. Francis Health or IU Health Methodist Hospital.

B. Doctor of Pharmacy (Purdue University)
BIO 120/120L Human Anat & Phys II & Lab ECO 115 Principles of Economics
BIO 373 Microbiology MAT 140 Intro to Math. Sciences
CHE 221 Organic Chemistry I MAT 142 Calculus II
CHE 222 Organic Chemistry II PHY 201 or 211 & 203 Gen Physics I & Lab
CHE 223 Organic Chemistry Lab I Immunology (must be taken at another institution)
CHE 224 Organic Chemistry Lab II

C. Dentistry (most accredited dental schools):
BIO 115 Human Anatomy & Physiology I CHE 223 Organic Chemistry Lab
BIO 120/120L Human Anat & Phys II & Lab PHY 201 or 211 & 203 Gen Physics I & Lab
BIO/CHE 334 Biochemistry PHY 202 or 212 & 204 Gen Physic II & Lab
CHE 221 Organic Chemistry I 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 & Biochemistry
D. Master’s of Public Health-(IUPUI Richard M. Fairbanks School of Public Health)
BIO 115 Human Anatomy & Physiology I    CHE 221 Organic Chemistry I
BIO 120/120L Human Anat & Phys II & Lab    CHE 223 Organic Chemistry Lab I
BIO 230 Zoology                            CMP 130 Introduction to Computing
BIO 373 Microbiology                       MAT XXX Math Elective
BIO electives (6 hours)

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 in 18-24 months after finishing an undergraduate degree. Students interested in such a career path should consult with their academic advisor.

Pre-Physician’s Assistant (PA) Studies at Franklin College
Franklin College offers all of the prerequisite courses required for application to the current PA programs in the State of Indiana and for most of the PA programs throughout the country. Those courses (required and recommended) are listed below. These courses must be completed in addition to any courses required for your major or for graduation from Franklin College. Only one prerequisite course can be in-progress when you submit your application (all other required classes should already be completed and passed with at least a C), but must be completed by the end of that semester (usually Fall, Senior year).

It is possible that Franklin College may develop a PA Program. The earliest class would begin in the summer of 2019. We do not know the exact prerequisites that this program will have, but the required and recommended classes listed below would be a good guideline for preparing for admission to the proposed Franklin College PA program.

Required Classes for PA School
The specific pre-requisites necessary for admittance to the current PA graduate programs in the State of Indiana (in addition the ones required for your major) are:

Required Classes*
CHE 121, 122, 123 & 124 – General Chemistry I & II with labs (2 semesters)
CHE 221/223 – Organic Chemistry with lab (1 semester – only offered in the fall)
BIO 134 (or BIO 120) & BIO 140 – General Biology (2 semesters)
BIO 115 & 120 – Human Anatomy & Physiology I and II
BIO/CHE 334 – Biochemistry, (Butler & USF). BIO 334 has a CHE 222 prerequisite.
PSY 117 – General Psychology (offered each semester)
PSY – 1 additional behavioral/social science class (USF/Butler requires 6 Cr Hrs)
BIO 373 – Microbiology (Fall)
PHY 201 – General Physics I (certain schools but none in Indiana)
BIO 121 – Medical Terminology and Documentation
MAT 224 – Basic Applied Statistics (offered each semester)
**Recommended Classes***
BIO 374 – Advanced Cell and Molecular Biology (offered alternate years)
CPR certification
CHE 222/226 – Organic Chemistry II (ISU/Butler/USF)
BIO 225 – Bioethics (offered in alternate years)
BIO 350 – Genetics – spring every year (ISU requires this or BIO 225)

* PA perquisites often change and differ from school to school. It is the responsibility of the applicant to carefully check the specific program prerequisites for any PA program that they intend to apply.

**GPA**
The minimum GPA for most schools (both cumulative and Math/Science GPA) is 3.0 (Butler is 3.4). However, admission to PA programs is highly competitive and a much higher than the minimum is normally required for admission.

**Possess direct patient care experience**
*(required for: IUPUI/USF and recommended for Butler/ISU)*

- Check with school that you are applying to what constitutes direct-care hours.
- The most direct and responsible forms of patient care come from experience in a compensated position and are preferred.
- Clinical components of the educational experience required for other health care professions are considered, but may not totally fulfill this requirement.
- Volunteer activities and/or appropriate life experience will be considered, but will not totally fulfill this requirement.
- Some schools require some PA shadowing hours – check with schools that you are applying to.

**GRE**
Most schools require the GRE (Graduate Record Examination) while some schools will accept MCAT (Medical College Admissions Test) scores in place of GRE scores. Check with each school that you apply to for specific details.
Biology Course Descriptions

BIO 001 Laboratory Assistant 1 hour credit
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. Prerequisite: Permission of the instructor. Fall and spring.

BIO/CHE 002 Senior Year Experience 1 hour credit
(Companion Course to SNR 489 or INT XXX)
This course must be taken concurrently or consecutively with SNR 489 or INT XXX during the Senior Year Experience. It will be used to track the completion of some of the required elements for the Biology/Chemistry Senior Year Experience. This course will count as one of the credits for the Plan A or Plan B Senior Year Experience. For example, if a student is doing a 3 credit INT for their SYE, they would sign up for 2 credits of INT and BIO/CHE 002 (1 credit). The instructor of record is the faculty member sponsoring the student’s SNR 489 proposal or the faculty advisor of a student completing an INT XXX.

BIO 110 Introduction to Human Anatomy and Physiology 3 hours credit
Develops a comprehensive understanding of the close inter-relationship between anatomy and physiology as seen in the human organism. Introduces students to the cell, which is the basic structural and functional unit of all organisms, and covers tissues, integument, skeleton, muscular and respiratory systems as an integrated unit. Includes lab. Note: A grade of B- or higher must be achieved in this class in order to take BIO 120/120L. If a grade of C+ or lower is achieved in this course, BIO 115 must be completed. BIO 110, by itself, does not fulfill the Laboratory Sciences exploratory requirement. In order to meet that requirement, BIO 120/120L must be completed. Fall.

BIO 114 General Biology 4 hours credit
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. Satisfies laboratory sciences requirement. Fall and spring.

BIO 115 Human Anatomy and Physiology I 4 hours credit
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. Fall.

BIO 120 Human Anatomy and Physiology II 4 hours credit
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, two hours laboratory. Satisfies laboratory sciences requirement. Must be taken concurrently with BIO 120L. Prerequisite: BIO 110 (with a grade of B- or higher) or BIO 115 or permission of instructor. Spring.

BIO 120L Human Anatomy and Physiology II Lab 0 hours credit
Lab component of Human Anatomy & Physiology II. Must be taken concurrently with BIO 120.
**BIO 121 Medical Terminology and Documentation for Allied Health Professions** 1 hour credit
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 ATR 121. Fall.

**BIO 134 Principles of Biology** 4 hours credit
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. Satisfies laboratory sciences requirement. Fall.

**BIO 140 Cell Biology** 4 hours credit
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. Satisfies laboratory sciences requirement. **Prerequisite:** minimum grade of C- in BIO 134, or permission of the instructor. Spring.

**BIO 221 Botany** 4 hours credit
Principles of form, function, growth, reproduction, physiology, classification and evolution in algae, fungi and plants. Flowering plants will be keyed. Three hours lecture, three hours laboratory. **Prerequisites:** BIO 140. Spring.

**BIO 225 Bioethics** 3 hours credit
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. Satisfies philosophy and religion exploratory requirement. **Prerequisite:** BIO 114, BIO 115, or BIO 134. Spring, odd academic years.

**BIO 230 Zoology** 4 hours credit
A survey of animals with an emphasis on evolution, structure, function, and life cycles of representative taxa. Three hours lecture and three hours lab. **Prerequisite:** BIO 140. Fall.

**BIO 240 Ecology** 4 hours credit
Relationship of plants and animals to their biological and physical environment, particularly in Indiana. Field trips to representative habitats. Three hours lecture, three hours laboratory. **Prerequisite:** BIO 140 or consent of instructor. Fall.

**BIO 300 Topics in Biology** 3 hours credit
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 for Academic Affairs.

**BIO 320 Conservation Biology** 3 hours credit
In this course, students will be introduced to the principles of conservation biology. Important topics to be considered will include species diversity, habitat preservation, habitat management, invasive species, and endangered species. In addition to the unifying principles of conservation biology, local, national and international case studies will be examined. Lecture only. **Prerequisites:** BIO 134 and BIO 140. Fall, odd academic years.
BIO 322 Ornithology 3 hours credit
A comprehensive study of birds with an emphasis on morphology, taxonomy, identification, evolution, ecology, and conservation. Two hours lecture, three hours laboratory. Satisfies laboratory sciences requirement. Spring, even academic years.

BIO 334 Biochemistry 3 hours credit
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. Prerequisites: BIO 140, CHE 222 and CHE 224. Spring.

BIO 335 Plant Communities 3 hours credit
An introduction to the plant communities in Indiana with emphasis on plant identification, plant associations, natural areas management, restoration ecology and control of exotic species. Two hours lecture, three hours laboratory. Prerequisite: BIO 114 or BIO 134. Fall, even academic years.

BIO 350 Genetics 4 hours credit
A study of the principles of heredity, including Mendelian, molecular, and population genetics. Three hours lecture, two hours laboratory. Prerequisites: BIO 140, junior status or consent of instructor. Spring.

BIO 360 Animal Physiology 4 hours credit
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. Prerequisites: BIO 140; CHE 121 and 122. Fall.

BIO 372 Exercise Physiology 3 hours credit
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 BIO 372L. Same as EXE 372. Prerequisites: BIO 110 or BIO 115 and BIO 120/120L and admittance into the Exercise Science, Athletic Training or Education program or consent of instructor. Fall.

BIO 372L Exercise Physiology Lab 0 hours credit
Lab component to BIO 372 Exercise Physiology. This lab must be taken concurrently with BIO 372. Same as EXE 372L. Fall.

BIO 373 Microbiology 4 hours credit
Morphology, classification, physiology, genetics, and cultivation of bacteria. The relationship of microorganisms to human health and the human immune system is discussed in detail. Three hours lecture, three hours laboratory. Prerequisites: BIO 140 and consent of instructor. Fall.

BIO 374 Advanced Cell and Molecular Biology 3 hours credit
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. Prerequisites: BIO 140 is required, BIO 350 is preferred but not required. Spring, odd years.
BIO 375 Undergraduate Research in Biology or Chemistry 2 hours credit
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 hours credit
This course meets once a week for the entire semester and has a one week field trip during Spring Break to various areas of the United States, such as the Smoky Mountains and Louisiana delta. 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. Prerequisite: BIO 134 and consent of instructor. Spring.

BIO 382 Comparative Animal Behavior 3 hours credit
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. Prerequisites: BIO 140. PSY 117 recommended but not required. Spring, odd academic years.

BIO 387 Biomechanics 3 hours credit
The course will provide the student with a mechanical examination of the motion of the human body. Application of anatomical, physiological and mechanical data will be used to explain and predict movements of the body to improve technique or prevent injury. A laboratory experience is integrated into class sessions. Must be taken concurrently with BIO 387L. Same as EXE 387. Prerequisites: BIO 110 or BIO 115, BIO 120/120L; EXE 234 and 372. Spring.

BIO 387L Biomechanics Lab 0 hours credit
Lab component to BIO 387 Biomechanics. This lab must be taken concurrently with BIO 387. Same as EXE 387L. Spring.

BIO 390 Professional Development Planning 1 hour credit
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. Prerequisite: Junior standing or consent of instructor. Fall and Spring (as needed).

BIO 392 Techniques in Biotechnology and Biochemistry 3 hours credit
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. Prerequisite BIO 140. Spring, even years.

BIO 470 Biology Seminar 2 hours credit
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. Prerequisite: At least junior class standing and prerequisites of BIO 221, BIO 230 and BIO 390. Fall and spring (as needed).
BIO 482 Biology Practicum 1-2 hours credit
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 hours credit
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. Departmental consent is required.

BIO 499 Senior Competency Practicum no credit
A written comprehensive, objective, and essay examination covering basic biological principles and material from required biology courses. Grade of D- or better required. Spring, senior year.

PDP 301 Medical School Admission Preparation 1 hour credit
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. Spring.

SNR 489 Professional Development Research Experience - Biology & Chemistry 2-5 hours credit
This course provides an undergraduate research experience related to the field of biology or chemistry. Prerequisite: BIO 390 or CHE 390, AND consent of the Department Chair. Fall, spring, or summer.
**BUSINESS**

**Department:** Economics, Business, and Accounting  
**Department Chair:** D. Andrews  
**Department Members:** D. Andrews, E. Jones, H. Kitaoka, S. Scheer, J. Williams  

**Major:** Business (Tracks: Management, Finance, Marketing, and International Business)  
**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 four tracks open to business majors. Students completing the major will be prepared for employment in managerial, marketing, or financial 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 - Management Track

Note: Business majors must complete ECO 115, and either ECO 221 or ECO 223, BUS 265, and ACC 221 and ACC 222 with a ‘C-‘ or better before enrolling in the 300 or 400-level courses in the department.

**Core Requirements:**
- BUS 100 Introduction to Business
- BUS 265 Business Research Methods
- BUS 341 Business Law I
- BUS 351 Business Finance
- BUS 361 Principles of Marketing
- BUS 367 Principles of Management
- BUS 470 Senior Sem. in Business Policy
- BUS 499 Senior Competency Practicum
- CMP 130 Introduction to Computing
- ECO 115 Principles of Economics
- MAT 135 Calculus

**Track Requirements:**
- BUS/ECO 360 Economics of Labor & Labor Relations
- BUS 355 Entrepreneurship
- CMP 360 Operations Research
- ACC 235 Data Management and Analysis
- ACC 321 Managerial-Cost Accounting
- BUS 355 Entrepreneurship
- CMP 360 Operations Research
- PSY 320 Social Psychology
- PSY 421 Theories of Personality
- SOC 323 Organizations

**Professional Development Requirements:**
- BUS 498 Portfolio
- PDP 200 Preparing for Your Internship
- INT XXX Business Internship (Senior Year Experience)

**Related Field Requirements:**
- ACC 221 Principles of Accounting I
- ECO 221 Intern. Microeconomic Theory
- ACC 222 Principles of Accounting II
- ECO 223 Intern. Macroeconomic Theory

**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 - Finance Track
Note: Business majors must complete ECO 115, and either ECO 221 or ECO 223, BUS 265, and ACC 221 and ACC 222 with a ‘C-’ or better before enrolling in the 300 or 400-level courses in the department.

Core Requirements:
BUS 100 Introduction to Business  BUS 470 Senior Sem. in Business Policy
BUS 265 Business Research Methods BUS 499 Senior Competency Practicum
BUS 341 Business Law I CMP 130 Introduction to Computing
BUS 351 Business Finance ECO 115 Principles of Economics
BUS 361 Principles of Marketing MAT 155 Calculus
BUS 367 Principles of Management

Track Requirements:
BUS 352 Investments

Plus TWO of the following:
ACC 235 Data Management and Analysis BUS 353 Principles of Risk & Insurance
ACC 341 Introduction to Taxation ECO 330 Money and Banking
BUS/ECO 350 Internt'l. Econ. & Finance ECO 380 Elementary Econometrics

Professional Development Requirements:
BUS 498 Portfolio PDP 200 Preparing for Your Internship
INT XXX Business Internship (Senior Year Experience)

Related Field Requirements:
ACC 221 Principles of Accounting I ECO 221 Internt. Microeconomic Theory
ACC 222 Principles of Accounting II ECO 223 Internt. Macroeconomic Theory

*Double majors in Accounting and Business Finance are required to complete one senior seminar course, ACC 470: Advanced Accounting Topics I. ACC 470 will substitute for BUS 470 double majors in Accounting and Finance.

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 Track

Note: Business majors must complete ECO 115, and either ECO 221 or ECO 223, BUS 265, and ACC 221 and ACC 222 with a ‘C-‘ or better before enrolling in the 300 or 400-level courses in the department.

#### Core Requirements:
- BUS 100 Introduction to Business
- BUS 265 Business Research Methods
- BUS 341 Business Law I
- BUS 351 Business Finance
- BUS 361 Principles of Marketing
- BUS 367 Principles of Management
- BUS 470 Senior Sem. in Business Policy
- BUS 499 Senior Competency Practicum
- CMP 130 Introduction to Computing
- ECO 115 Principles of Economics
- MAT 135 Calculus

#### Track Requirements:
- BUS 362 Consumer Behavior

#### Plus TWO of the following:
- BUS 355 Entrepreneurship
- BUS 364 Marketing Research
- CMP 360 Operations Research
- PRL 321 Current & Emerging Media
- PSY 320 Social Psychology

#### Professional Development Requirements:
- BUS 498 Portfolio
- PDP 200 Preparing for Your Internship
- INT XXX Business Internship (Senior Year Experience)

#### Related Field Requirements:
- ACC 221 Principles of Accounting I
- ACC 222 Principles of Accounting II
- ECO 221 Interm. Microeconomic Theory
- ECO 223 Interm. Macroeconomic Theory

**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 - International Business Track

Note: Business majors must complete ECO 115, and either ECO 221 or ECO 223, BUS 265, and ACC 221 and ACC 222 with a ‘C-‘ or better before enrolling in the 300 or 400-level courses in the department.

Core Requirements:
- BUS 100 Introduction to Business
- BUS 265 Business Research Methods
- BUS 341 Business Law I
- BUS 351 Business Finance
- BUS 361 Principles of Marketing
- BUS 367 Principles of Management
- BUS 470 Senior Sem. in Business Policy
- BUS 499 Senior Competency Practicum
- CMP 130 Introduction to Computing
- ECO 115 Principles of Economics
- MAT 135 Calculus

Track Requirements:
- BUS/ECO 350 International Economics & Finance

Plus TWO of the following:
- HIS 314 Indig. Cultures of Latin America
- HIS 350 Europe Since 1945
- HIS 361 East Asian History
- POL 120 Intro to International Relations
- POL 130 Intro to Comparative Politics
- POL 250 Comp. Pol. in Dev. Count.

NOTE: only one course from HIS and one course from POL may be included.

Professional Development Requirements:
- BUS 498 Portfolio
- PDP 200 Preparing for Your Internship
- INT XXX Business Internship (Senior Year Experience)

Related Field Requirements:
- ACC 221 Principles of Accounting I
- ACC 222 Principles of Accounting II
- ECO 221 Interm. Microeconomic Theory
- ECO 223 Interm. Macroeconomic Theory

PLUS:
Competence in a second language to be demonstrated by one of the following:
  a. Completion of FRE 211 or SPA 211.
  b. College course work in any foreign language through the intermediate level.
  c. A passing score on the CLEP in any foreign language (demonstrate proficiency only).

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 Minor**

*NOTE: Business minors must complete ECO 115 and ACC 221 with a C- or better before enrolling in 300 or 400 level courses in the department.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 221</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>BUS 100</td>
<td>Introduction to Business</td>
</tr>
<tr>
<td>BUS 361</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>BUS 361</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>BUS 362</td>
<td>Consumer Behavior</td>
</tr>
<tr>
<td>BUS 364</td>
<td>Marketing Research</td>
</tr>
<tr>
<td>BUS 355</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>ECO 115</td>
<td>Principles of Economics</td>
</tr>
<tr>
<td>ECO 221</td>
<td>Intermediate Microeconomics</td>
</tr>
<tr>
<td>ECO 223</td>
<td>Intermediate Macroeconomics</td>
</tr>
</tbody>
</table>

*Plus TWO of the following:*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 222</td>
<td>Principles of Accounting II</td>
</tr>
<tr>
<td>BUS 362</td>
<td>Consumer Behavior</td>
</tr>
<tr>
<td>BUS 355</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>ECO 221</td>
<td>Intermediate Microeconomics</td>
</tr>
<tr>
<td>ECO 223</td>
<td>Intermediate Macroeconomics</td>
</tr>
</tbody>
</table>
Business Course Descriptions

BUS 100  Introduction to Business  3 hours credit
This course provides students with a broad overview of the functions, institutions, principles, and practices of American business. This broad overview will allow non-business majors to bring basic business skills to “non-business” jobs and will help prospective business majors to determine their area(s) of interest for future study. 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. Wall Street Journal subscription is not required for summer term. Fall and spring.

BUS 265  Business Research Methods  3 hours credit
The course is designed to provide students with basic skills necessary for analyzing and interpreting data in business and economics. The emphasis throughout is on data analysis as an aid to intelligent decision making in all areas of business. While most of the course centers on introductory data analysis techniques, some time is spent on sources and uses of secondary information commonly available to business professionals. Students who plan to do extensive work in both mathematics/computing and economics/business/accounting should consult with both departments before enrolling in BUS 265. Prerequisites: LA 103 or MAT 135. Fall.

BUS 300  Topics in Business  3 hours credit
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 for academic affairs.

BUS 340  Government and Business  3 hours credit
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. Prerequisite: ECO 115. Spring, odd academic years.

BUS 341  Business Law I  3 hours credit
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. Fall.

BUS 350  International Economics and Finance  3 hours credit
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. Prerequisites: ECO 221 and ECO 223. Spring, odd academic years.

BUS 351  Business Finance  4 hours credit
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. Prerequisites: ECO 115, ACC 221, and ACC 222, or consent of instructor. Fall.

BUS 352  Investments  3 hours credit
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. Prerequisite: BUS 351 or consent of instructor. Spring, odd academic years.
BUS 353  Principles of Risk and Insurance  3 hours credit
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. Prerequisite: BUS 265 or consent of instructor. Spring, even academic years.

BUS 355  Entrepreneurship  3 hours credit
This course helps students develop skills necessary to start and operate a business. 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. The capstone event for this course is the development and presentation of a formal business plan suitable for submission to potential backers. Prerequisites or corequisites: BUS 361, ACC 221, and genuine interest in starting a business. Spring.

BUS 360  Economics of Labor and Labor Relations  3 hours credit
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. Prerequisite: ECO 221. Spring, even academic years.

BUS 361  Principles of Marketing  4 hours credit
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. Prerequisites: ECO 115, ACC 221, or consent of instructor. Fall.

BUS 362  Consumer Behavior  3 hours credit
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. Prerequisite: BUS 361. Spring, even academic years.

BUS 364  Marketing Research  3 hours credit
The purpose of this course is to introduce students to basic techniques of data gathering and analysis as they are used for decision making in marketing. Marketing research is discussed from the viewpoint of the specifier, practitioner, and user of research. Although the entire marketing research process is covered, special emphasis is placed on the following areas: sound research design, questionnaire design, computer analysis of data, and research report preparation/presentation. Prerequisites: BUS 265 and 361. Spring, odd academic years.

BUS 367  Principles Of Management  4 hours credit
Principles and theory of management, including basic business objectives and executive leadership. PORTFOLIO: Each student is required to submit a portfolio. Requirements for the portfolio include a personal mission statement, SWOT analysis, self-assessments and a written analysis of self-assessments. Prerequisites: ACC 221 and 222, or consent of instructor. Spring.

BUS 470  Senior Seminar in Business Policy  3 hours credit
This course is the capstone course for the business and economics major and serves as part of the senior competency practicum. Students will solve complex business problems in a simulated boardroom setting. Students are expected to synthesize material in all business, economics, and accounting courses in preparing solutions to these problems, to give their solutions in a formal oral presentation, and to defend their solutions when faced with questioning from a competing group and/or visiting business executives. Some time will be spent on resume development and job search/interview strategies. Prerequisite: Business majors with senior standing having completed all other business core requirements with grade of ’C-‘ or better. Taken concurrently with BUS 499. Spring.
BUS 482  Business Practicum  1-2 hours credit
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.

BUS 490  Independent Study  1-2 hours credit
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. Prerequisite: Departmental consent is required.

BUS 498  Portfolio  no credit
The portfolio requirement will be met by creating the portfolio required in BUS 367. Students will develop a comprehensive portfolio documenting skills learned and assessment of such skills. See BUS 367 for complete description. Spring.

BUS 499  Senior Competency Practicum  no credit
Satisfactory performance on the ETS major field test in business. Passing grade: D- or better. Fall and spring.
CANADIAN STUDIES PROGRAM

Department: History
Director: R. Guentzel
Teaching Faculty: R. Guentzel

Minor: Canadian Studies

Canada is the United States’ most important trading partner. Despite the close and growing partnership between the two countries, Canada remains fundamentally different from the United States in terms of culture, society, and politics. Many of its political, social, and economic values and institutions reflect those of European countries and stand in contrast to those of the United States. Thus, the study of Canada enables students to gain a greater appreciation of the United States’ largest neighbor and exposes them to values and institutions widely shared among developed countries other than the United States.

The Canadian studies program is designed to develop in students an understanding of the history, society, political institutions, economy, and culture of Canada. The Canadian Studies curriculum places particular emphasis on examining the differences and similarities between Canada and the United States; Canadian-American relations; and the often conflict-ridden relationship between the largely French-speaking province of Quebec and the largely English-speaking rest of the country.

Students trained in Canadian Studies will be able to speak, write, and do research on issues related to Canada. In addition, they will possess knowledge and skills to enable them to function well in an environment requiring international awareness and understanding of cross-cultural exchange.

All prerequisites must be completed with a grade of “D” or better. However, students minoring in Canadian Studies must maintain the minimum grade point average of 2.00 (A=4.00) in the minor field and must complete all course requirements for the academic minor with a grade of “C-“ or better.
Canadian Studies Minor (all instruction in English)

**Required courses:**
- CAN 130 Introduction to Canada
- CAN/HIS 230 History of Canada
- CAN/POL 250 Comp Pol in Dev Country

**Plus ONE of the following:**
- CAN/ENG 240 Introduction to Canadian Fiction
- CAN/FRE 340 Francophone Canadian Literature

**Plus THREE additional hours earned through one of the following:**
1. The alternative literature course from above;
2. A winter term dealing with a Canadian topic;
3. Participation in the Acadia exchange program;
4. SOC 221 Marriage & the Family;
5. An internship in Canada or at Canadian government offices;
6. Other appropriate class activities (such as CAN 300 Topics in Canadian Studies) as arranged with the Canadian Studies director.
Canadian Studies Course Descriptions

CAN 130  Introduction to Canada  4 hours credit
This international course provides an overall look at Canada and Canadians. It introduces students to various features of Canadian geography, history, society, politics, and culture. Satisfies international exploratory requirement. Fall and spring.

CAN 230  History of Canada  4 hours credit
This course traces Canada’s historical evolution from colonial times to the present. It introduces students to the political, economic, social, and cultural history of Canada. Same as HIS 230. Satisfies international exploratory requirement. Prerequisites: HIS 120, CAN 130, or consent of instructor. Fall, even academic years.

CAN 240  Introduction to Canadian Fiction  3 hours credit
A study of multicultural novels and stories written by Canadian men and women who have explored the meaning of the Canadian experience, particularly in the 20th century. French-Canadian literature will be read in translation. Same as ENG 240. Satisfies international exploratory requirement. Prerequisite: LA 201 or ENG 200 or with consent of instructor. Spring, even academic years.

CAN 250  Comparative Politics in Developed Countries  3 hours credit
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. Same as POL 250. Satisfies international exploratory requirement. Prerequisite: CAN 130 or POL 130 or consent of instructor. On demand.

CAN 300  Topics in Canadian Studies  3 hours credit
Topics will vary depending on faculty interest and student demand. The course will be offered upon the request of a faculty member and with approval of the vice president for academic affairs.

CAN 340  Francophone Canadian Literature  4 hours credit
A literary analysis of representative works by Quebec and other Francophone authors from the colonial period to the present. Same as FRE 340. Satisfies international exploratory requirement. Prerequisite if taught in English: CAN 130 or consent of instructor. Prerequisite if taught in French: FRE 211 and CAN 130, or consent of instructor. Successful completion of FRE 314 and 315 is recommended before taking this class. Spring, odd academic years.

CAN 482  Canadian Studies Practicum  1-2 hours credit
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. Prerequisite: consent of instructor

CAN 490  Independent Study  1-2 hours credit
This course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Special reading or research in a field of the student’s interest not sufficiently covered in regular courses. Prerequisite: consent of instructor.
CHEMISTRY AND PHYSICS

Department: Chemistry and Physics
Department Chair: N. Khatri
Department Members: E. Chikwana, N. Khatri, A. Sithole, F. Sunahori

Major: Chemistry (Tracks: Standard, Environmental Science, Biochemistry, & Industry/Graduate School)
Minors: Chemistry, Biochemistry, and Physics
Pre-Professional Programs: Pre-Dental, Pre-Medical, Pre-Physician Assistant, Pre-Medical Technician (See Medical Technology section of the catalog), Pre-Optometry, Pre-Pharmacy, Pre-Physical Therapy, Pre-Veterinary, Biology/Graduate Program
Cooperative Programs: Health-related Professions: Medical Technology, 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.

To fulfill this mission, the physics program provides depth through sequential study. Each course in the sequence is necessary for courses at the next level. The advanced courses address the core subjects with increasing conceptual complexity and mathematical sophistication. The students’ progress from general survey courses through specialized upper-division courses in all the major core subjects of physics. In addition to theoretical study, there is study in the laboratory to understand the experimental basis of physics with increasing sophistication.
The students who minor in physics 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 being able to connect concepts, representations and theoretical models to objects, and situations in the real world.
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 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 Gen Physics I & Lab
PHY 202 or 212 & 204 Gn Physics II & 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
CHE 002 Senior Year Experience
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. CHE 002 and 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
CHE 002 Senior Year Experience
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:**
- BIO/CHE 334 Biochemistry
- BIO/CHE 392 Tech in Biotech & Biochem
- CHE 300 Topics Course
- CHE 322 Spectroscopic Methods of Analy.
- CHE 342 Physical Chemistry II

**CHE 344 Physical Chemistry Lab II**
**CHE 375 Undergraduate Research**
**CHE 434 Advanced Inorganic Chemistry**
**CHE 448 Instrumental Analysis**
**CHE 490 Independent Study**

Note: CHE 375 or CHE 490 may count toward the 6 hours, but not both.

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

- BIO 320 Conservation Biology
- BIO 240 Ecology
- ECO 115 Principles of Economics
- ENG 328 Advanced Composition

**ESC 118 Earth Science**
**POL 110 American National Government**
**POL 336 Introduction to Public Policy**

**Plus 2 chemistry courses from the list below:**
- CHE/BIO 334 Biochemistry
- CHE 342 Physical Chemistry II
- 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 Intro to Computing
- LA 112 Environmental Ethics
- LA 315 Living Sustainably
- REL 210 Religion and the Environment
- SOC 118 Introduction to Sociology
- SOC/NPL 222 Social Probs & Nonprft Rspn

Note: CHE 375 or CHE 490 may count toward the two chemistry courses, but not both.

**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 Physical Chemistry II

**MAT 142 Calculus II**

**Plus ONE course from the following:**
- CHE 300 Topics Course
- CHE 322 Spectroscopic Methods of Analy.
- CHE 344 Physical Chemistry Lab II
- CHE 375 Undergraduate Research

**BIO/CHE 392 Tech in Biotech & Biochem**
**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 Tech in Biotech & Biochem
- MAT 142 Calculus II

**Plus ONE course from the following:**
- CHE 342 Physical Chemistry II
- CHE/BIO 375 Undergraduate Research
- CHE 448 Instrumental Analysis

**Plus ONE course from the following:**
- BIO 360 Animal Physiology
- BIO 374 Adv. Cell & Molecular Biology
- CHE/BIO 375 Undergraduate Research

Note: Students may take CHE 375 or BIO 375, but not both to fulfill the above requirements.

**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.

**Pre-Med (allopathic and osteopathic) and Pre-Podiatry** – Drs. Browder and Mordan McCombs

**Pre-Pharmacy and Pre-Dentistry** – Dr. Khatri

**Pre-Veterinary Medicine** – Dr. O’Neal

**Pre-Optometry** – Dr. Rhodes

**Pre-Physician’s Assistant and Pre-Medical Technology** – Dr. Chikwana

**Pre-Physical Therapy and Pre-Occupational Therapy** – Dr. Heikens

Additional information regarding pre-professional program requirements are located on the Franklin College website at [http://biology.franklincollege.edu/HealthProfessions/index.html](http://biology.franklincollege.edu/HealthProfessions/index.html)
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 and completion of one of the two required intercultural and international courses), 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, 2) one additional intercultural or international course, and 3) 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
- PHY 201 or 211 & 203 Gen Physics I & Lab
- PHY 202 or 212 & 204 Gen Physics II & Lab
- MAT 135 Calculus
- BIO 140 Cell Biology
- BIO 373 Microbiology
- BIO/CHE 334 Biochemistry

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:

A. Medical Technology (*Franciscan St. Francis Health or IU Health Methodist Hospital CLS Program):*
- BIO 140 Cell Biology
- BIO 373 Microbiology
- BIO/CHE 334 Biochemistry
- Plus 8 Additional Hours of BIO credit
  (preferably BIO 115 & BIO 120/120L – Human Anatomy & Phys I & II & Lab)

Completion of the clinical program at Franciscan St. Francis Health or IU Health Methodist Hospital
**B. Pharmacy (Purdue University or University of Cincinnati)**

- BIO 115 Human Anatomy and Physiology I
- ECO 115 Principles of Economics
- BIO 120/120L Human Anat & Phys II & Lab
- LA 201 Analyzing Literature
- BIO/CHE 334 Biochemistry
- MAT 140 Intro to Math Sciences
- BIO 373 Microbiology
- MAT 142 Calculus II

Immunology is required by the Purdue University School of Pharmacy. It can be taken online during a summer term after completing sophomore year.

Intercultural 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 (IUPUI Richard M. Fairbanks School of Public Health)**

- BIO 115 Human Anatomy and Physiology I
- BIO 140 Cell Biology
- BIO 134 Principles of Biology
- 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 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

**Related Field Requirement**

One of the following:

1. MAT 135 Calculus
2. MAT 224 Basic Applied Statistics & LA 103 Quantitative Reasoning
3. MAT 224 Basic Applied Statistics & MAT 125 or MAT 126

**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 Tech in Biotech & Biochem
CHE 222 Organic Chemistry II
CHE 224 Organic Chemistry Laboratory II

Plus ONE course from the following:
BIO 360 Animal Physiology
BIO/CHE 375 Undergraduate Research

Recommended courses:
BIO/CHE 375 Undergraduate Research
BIO 373 Microbiology
BIO/CHE 490 Independent Study

Physics Minor

PHY 201 or 211 & 203 Gen Phys I & Lab
PHY 202 or 212 & 204 Gen Phys II & Lab
PHY 341 Physical Chemistry I

PHY 342 Physical Chemistry II
PHY 343 Physical Chemistry Lab I
PHY 344 Physical Chemistry Lab II

Plus ONE of the following:
PHY 300 Topics in Physics
PHY 340 Analytical Mechanics

PHY 350 Electromagnetic Theory
PHY 375 Undergraduate Research
Chemistry Course Descriptions

CHE 001 Laboratory Assistant 1 hour credit
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 002 – Senior Year Experience 1 hour credit
Companion Course to SNR 489 or INT XXX
This class is used for a “record keeping” function for the Biology/Chemistry Senior Year Experience. This course must be taken concurrently with SNR 489 or INT XXX during the Senior Year Experience. It will be used to track the completion of some of the required elements for the completion of the Biology/Chemistry Senior Year Experience. This course will count as one of the credits for the Plan A or Plan B Senior Year Experience. For example, if a student is doing a 3 credit INT for their SYE, they would sign up for 2 credits of INT and BIO/CHE 002 (1 credit). The instructor of record is the faculty member sponsoring the student’s SNR 489 proposal or the faculty advisor of a student completing an INT XXX. Same as BIO 002.

CHE 112 Introductory Chemistry 4 hours credit
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. Satisfies laboratory sciences exploratory. Fall or spring.

CHE 121 General Chemistry I 5 hours credit
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. Satisfies laboratory sciences requirement. Prerequisites: Two years of high school mathematics, one year of high school chemistry, or consent of instructor. Required corequisite: CHE 123. Fall.

CHE 122 General Chemistry II 5 hours credit

CHE 123 General Chemistry I Lab no credit
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. Prerequisites: Two years of high school mathematics, one year of high school chemistry, or consent of instructor. Required corequisite: CHE 121. Fall.

CHE 124 General Chemistry II Lab no credit
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. Prerequisites: CHE 121 and CHE 123. Required corequisite: CHE 122. Spring.

CHE 221 Organic Chemistry I 3 hours credit
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. Taken concurrently with CHE 223. Prerequisite: CHE 122. Fall.
CHE 222 Organic Chemistry II
3 hours credit
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. Taken concurrently with CHE 224. Prerequisite: CHE 221. Spring.

CHE 223 Organic Chemistry Laboratory I
1 hour credit
Macroscale and microscale laboratory techniques, preparation and characteristic reactions of organic compounds. Three hours laboratory. Taken concurrently with CHE 221. Fall.

CHE 224 Organic Chemistry Laboratory II
2 hours credit
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. Taken concurrently with CHE 222. Prerequisite: CHE 223. Spring.

CHE 227 Analytical Chemistry
4 hours credit
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. Prerequisites: CHE 122 or consent of instructor. Fall.

CHE 300 Topics in Chemistry
3 hours credit
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 for Academic Affairs.

CHE 322 Spectroscopic Methods of Analysis
2 hours credit
An advanced course in spectral interpretation of organic molecules. Techniques investigated include nuclear magnetic resonance spectra, mass spectra, infrared absorption, and ultraviolet absorption spectra. Prerequisites: CHE 222 and CHE 224. Spring, odd academic years.

CHE 334 Biochemistry
3 hours credit
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. Prerequisites: BIO 140, CHE 222 and CHE 224. Spring.

CHE 341 Physical Chemistry I
3 hours credit
Chemical thermodynamics. A study of the laws of thermodynamics with particular emphasis on applications to thermochemistry, solutions, chemical equilibrium, phase equilibria, and electrochemistry. Three hours lecture. Same as PHY 341. Prerequisites: CHE 122, MAT 135, PHY 202 or PHY 212. Highly preferred corequisite: CHE 343. Recommended MAT 142. Fall.

CHE 342 Physical Chemistry II
3 hours credit
Chemical kinetics, elementary quantum mechanics, atomic and molecular structure and spectroscopy. Three hours lecture. Same as PHY 342. Prerequisites: PHY 201 or PHY 211 and 203. Spring, odd academic years.
CHE 343 Physical Chemistry Lab I  
2 hours credit  
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. Prerequisites: CHE 227 (or consent of instructor), MAT 135, and CHE 341 (or concurrently). Fall.

CHE 344 Physical Chemistry Lab II  
1 hour credit  
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. Prerequisites: CHE 341 and 343 (Current or past enrollment in CHE 342 is highly recommended). Spring.

CHE 375 Undergraduate Research in Biology, Chemistry or Physics  
1-3 hours credit  
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. Spring.

CHE 390 Professional Development Planning  
1 hour credit  
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. Prerequisite: Junior standing or consent of instructor. Fall.

CHE 392 Techniques in Biotechnology and Biochemistry  
3 hours credit  
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. Prerequisite: BIO 140. Spring, even academic years.

CHE 434 Advanced Inorganic Chemistry  
3 hours credit  
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. Prerequisites: CHE 222, CHE 227, and MAT 135 or consent of instructor. Spring, even academic years.

CHE 448 Instrumental Analysis  
3 hours credit  
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. Prerequisites: CHE 227, or consent of instructor. Spring, even academic years.
CHE 472 Chemistry Seminar 2 hours credit
Presentation of current and historical topics in chemistry. This course emphasizes practice and presentation of oral and written reports. Prerequisite: Junior standing or consent of instructor. Fall.

CHE 482 Chemistry Practicum 1-2 hours credit
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 hours credit
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. Prerequisite: consent of department.

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 hour credit
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. Spring.

SNR/SNT489 Professional Development Experience –BIO, CHE & PHY 3-15 hours credit
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.); Prerequisite: Senior standing or consent of the department. Fall, spring, or summer.

Physics Course Descriptions

PHY 201 General Physics I - Algebra 5 hours credit
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. Co-requisite: PHY 203. Prerequisite: MAT 126 or MAT 135 and permission of the instructor (successful completion of a math pretest). Satisfies laboratory science exploratory requirement. Fall.

PHY 202 General Physics II – Algebra 5 hours credit
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.). Co-requisite: PHY 204 (General Physics Lab II) & Prerequisite: PHY 201 and PHY 203. Spring.

PHY 203 General Physics I Lab 0 hours credit
Lab component of General Physics I. A laboratory-based course that introduces measurement, data acquisition and analytical techniques in physics. Must be taken concurrently with PHY 201 or PHY 211. Fall.
PHY 204 General Physics II Lab  0 hours credit
Lab component of General Physics II. A laboratory-based courses that consolidates the theoretical principles in the course using experimental physics techniques. Must be taken concurrently with PHY 202 or PHY 212. Spring.

PHY 211 General Physics I – Calculus  5 hours credit
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. Co-requisite: PHY 203. Prerequisite: MAT 135. Satisfies laboratory sciences exploratory requirement. Fall.

PHY 212 General Physics II – Calculus  5 hours credit
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. Co-requisite: PHY 204. Prerequisite: PHY 211 and PHY 203. Spring.

PHY 240 Modern Physics  3 hours credit
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. Prerequisite: PHY 202. Offered on demand.

PHY 300 Topics in Physics  3 hours credit
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 for Academic Affairs.

PHY 340 Analytical Mechanics  3 hours credit
The detailed study of classical mechanics using methods of vector calculus, linear algebra, and differential equations. Topics include particle dynamics, systems of particles and rigid body dynamics, gravitation and central force problems, wave mechanics, and Lagrangian and Hamiltonian formulation of mechanics with applications. The course includes laboratory study of air resistance, the compound pendulum, impulse, and coupled pendula. Prerequisite or Corequisite: PHY 212 and PHY 204. Offered on demand.

PHY 341 Physical Chemistry I  3 hours credit
Chemical thermodynamics. A study of the laws of thermodynamics with particular emphasis on applications to thermochemistry, solutions, chemical equilibrium, phase equilibria, and electrochemistry. Three hours lecture. Same as CHE 341. Prerequisites: CHE 122, MAT 135, PHY 202 or PHY 212. Highly preferred corequisite: CHE 343. Recommended MAT 142. Fall.

PHY 342 Physical Chemistry II  3 hours credit
Chemical kinetics, elementary quantum mechanics, atomic and molecular structure and spectroscopy. Three hours lecture. Same as CHE 342. Prerequisites: PHY 201/203 or PHY 211/203. Spring, odd academic years.
PHY 343 Physical Chemistry Lab I
2 hours credit
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. Prerequisites: CHE 227 (or consent of instructor), MAT 135, and CHE 341 (or concurrently). Fall.

PHY 344 Physical Chemistry Lab II
1 hour credit
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. Prerequisites: CHE 341 and 343 (Current or past enrollment in CHE 342 is highly recommended). Spring.

PHY 350 Electromagnetic Theory
3 hours credit
The detailed study of electromagnetic theory using methods of vector field theory and partial differential equations. Topics include: the electrostatic field in vacuum and in matter, magnetic fields and magnetic materials, electromagnetic forces and induction, Maxwell's equations and electromagnetic radiation with applications. The course includes laboratory study of electrostatic fields in dielectric and conducting media. Prerequisite or Corequisite: PHY 340. Offered on demand.

PHY 360 Optics
2 hours credit
The detailed study of modern optics including both classical physical optics and the quantum nature of light. Topics include: vectorial treatment of light as electromagnetic waves, coherence and interference, diffraction, optics of solids, quantum treatment of light as photons, optical spectra, lasers, and the matrix formulation of ray optics. The course includes laboratory study of Michelson and Fabry-Perot interferometry, optical polarization, and Bragg diffraction. Prerequisite or Corequisite: PHY 340. Offered on demand.

PHY 375 Undergraduate Research in Biology, Chemistry or Physics
1-3 hours credit
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 hours credit
Supervised, pre-approved academic credit awarded for qualified work in an industrial, government, or academic research laboratory. Departmental consent is required.

PHY 490 Independent Study
1-2 hours credit
Individualized reading or research project in an area not covered in regular courses. Departmental consent is required.

ESC 118 Earth Science
4 hours credit
An introduction to the principles of physical geology including plate tectonics, geological time, origins of rock types, erosion, and glaciation. Three hours lecture, two hours lab. Satisfies laboratory sciences exploratory requirement. Fall and Spring.
Computing

Department: Mathematics and Computing
Department Chair: J. Gash
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

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, and government.
Computer Science

**Computing Core Requirements:**
- CMP 141 Computing I
- CMP 142 Computing II
- CMP 283 Visual Software Development
- CMP 352 Data Structures

**Computer Science Program Track:**
- CMP 325 Operating Systems
- CMP 337 Programming Languages

**Professional Development Requirements:**
- CMP 470 Senior Maintenance Project
- CMP 473 Senior Seminar (includes professional experience and portfolio)
- CMP 499 Senior Competency Practicum
- PDP 200 Preparing for Your Internship

**Related Field Requirements:**
- MAT 135 Calculus
- MAT 181 Discrete Mathematics I

**Strongly Recommended:**
- CMP 285 Web-Based Software Development

Software Engineering

**Computing Core Requirements:**
- CMP 141 Computing I
- CMP 142 Computing II
- CMP 283 Visual Software Development
- CMP 352 Data Structures
- CMP 370 Database Design & Processing

**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 100 Introduction to Business
- MAT 181 Discrete Mathematics I

**Plus ONE of the following:**
- ACC 221 Principles of Accounting I
- ECO 115 Principles of Economics

**Strongly recommended:**
- BUS 361 Principles of Marketing
- CMP 285 Web-Based Software Development
Minors in Computing

Computer Science Minor
Required Courses:
CMP 130 Introduction to Computing
CMP 141 Computing I

Plus ONE of the following:
CMP 325 Operating Systems
CMP 337 Programming Languages

Software Engineering Minor
CMP 130 Introduction to Computing
CMP 141 Computing I
CMP 283 Visual Software Development

CMP 142 Computing II
CMP 352 Data Structures

CMP 348 Com Struct & Assembly Lang.
CMP 372 Data Comm & Comp Networks

CMP 385 Software Engineering I
CMP 387 Software Engineering II
Computing Course Descriptions

CMP 130 Introduction to Computing  
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 spreadsheet software and database management systems, is included. CMP 130 may be taken to satisfy LA 103, the liberal arts core curriculum mathematics requirement. Prerequisite: MAT 085 or competence in introductory algebra as demonstrated on the mathematics placement exam. Fall and spring.

CMP 141 Computing I  
An introduction to computers and structured programming using the Java programming language. Topics include: problem-solving strategies, algorithm formulation, primitive data types, expressions, control structures, proper coding style, debugging, testing, and documentation. Prerequisite: knowledge of high school algebra. Fall.

CMP 142 Computing II  
An introduction to object-oriented design and programming using the Java programming language. Topics include: object-oriented design, encapsulation, inheritance, polymorphism, exception handling, file input and output, abstract classes, interfaces, binary I/O, and recursion. Prerequisite: CMP 141. Spring.

CMP 150 Computer Tools for Problem Solving  
A lab-based 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 the software. Prerequisite: MAT 135 or consent of instructor. Spring.

CMP 283 Visual Software Development  
An introduction to the fundamental concepts of visual software development. Topics include controls, variables, constants, calculations, conditions, menus, procedures, functions, forms, lists, loops, arrays, data files, databases, drag and drop, and graphics. Prerequisite: CMP 141. Fall.

CMP 285 Web-Based Software Development  
An introduction to the fundamental concepts of web-based software development. Topics include the client-server model, server-side programming (e.g., ASP.NET, VB.NET), client-side programming (e.g., JavaScript), client-side markup languages (e.g., HTML/XML), database connectivity (e.g., SQL, connection strings), and client-server configuration (e.g., browser, IIS). Prerequisite: CMP 141. Spring.

CMP 300 Topics in Computing  
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 for academic affairs. Prerequisite: CMP 142 and junior standing, or consent of instructor. Fall, odd academic years.

CMP 325 Operating Systems  
Introduces the fundamentals of operating systems design and implementation. Topics include an overview of the components of an operating system, mutual exclusion and synchronization, implementation of processes, scheduling algorithms, memory management, and file systems. Prerequisite: CMP 142. Spring, odd academic years.
CMP 337 Programming Languages  
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.  
Prerequisite: CMP 142. Spring, odd academic years.

CMP 348 Computer Structure and Assembly Language  
Basic concepts of programming systems, introduction to computer architecture and design, and an introduction to assembly language programming will be included. The assembly language learned is a function of the particular computer, but the course concepts will be broad enough to apply to a wide range of computers.  
Prerequisite: CMP 142. Spring, even academic years.

CMP 352 Data Structures  
An introduction to the various types of data processing structures with emphasis on scientific and business applications. Includes trees, graphs, file structures, and data organization.  
Prerequisite: CMP 142. Fall, odd academic years.

CMP 360 Operations Research  
Introduction to the field of operations research. PERT, linear and integer programming, use of statistical reasoning, and computer methods are included.  
Prerequisites: MAT 135, MAT 181, MAT/PSY 224, or BUS 265, or consent of instructor. Fall, odd academic years.

CMP 370 Database Design and Processing  
An introduction to database concepts including file systems and databases, the relational database model, structured query language, entity relationship modeling, database table normalization, transaction management and concurrency control, distributed database management systems, client/server systems, data warehouses, databases and the Internet, and database administration.  
Prerequisite: CMP 142 and junior standing, or consent of instructor. Spring, odd academic years.

CMP 372 Data Communications and Computer Networks  
An introduction to computer networks based on the OSI seven layer model. Topics will include methods of data transmission, data encoding and error correction, protocols, routing algorithms and flow control, network design, and internetworking. Several network architectures will be studied with special attention given to the internet.  
Prerequisite: CMP 142 or consent of instructor. Fall, even academic years.

CMP 385 Software Engineering I: Analysis and Design  
An introduction to the concepts associated with the analysis and design activities of the software engineering process. Topics include software configuration management, software process models, software requirements analysis, software project estimation, software decision analysis, software project scheduling, software system design, and software component design.  
Prerequisite: CMP 142 and junior standing, or consent of instructor. Fall, even academic years.

CMP 387 Software Engineering II: Implementation and Maintenance  
An introduction to the concepts associated with the implementation and maintenance activities of the software engineering process. Topics include software construction, software testing, software testing techniques, system conversion, software maintenance, software change control, software quality, software reviews, software product measures and metrics, software project measures and metrics.  
Prerequisite: CMP 142 and junior standing, or consent of instructor. Spring, even academic years.

CMP 470 Senior Maintenance Project  
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.  
Prerequisites: senior standing and departmental consent. Fall.
**CMP 473 Senior Seminar**  
6 hours credit  
Requires selection and completion of the senior project, which involves the analysis, design, and implementation of a fully functional computer system as well as the development of all relevant technical documentation. *Taken concurrently with CMP 499.*  
**Prerequisites:** senior standing and departmental consent. Spring.

**CMP 482 Computer Practicum**  
1-2 hours credit  
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 hours credit  
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. *Departmental consent is required.*

**CMP 499 Senior Competency Practicum**  
no credit  
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. *Taken concurrently with CMP 473.* Students must earn a C- or higher. Spring.
**ECONOMICS**

**Department:** Economics, Business, and Accounting  
**Department Chair:** D. Andrews  
**Department Members:** D. Andrews, E. Jones, H. Kitaoka, S. Scheer, J. Williams

**Major:** Economics (Tracks: Traditional and Graduate School Preparation)  
**Minor:** Economics

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.

A major or minor in economics 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.
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 Interm. Microeconomic Theory
- ECO 223 Interm. Macroeconomic Theory
- ECO 380 Elementary Econometrics
- ECO 472 Economic Research I
- ECO 474 Economic Research II
- ECO 499 Senior Competency Practicum

Plus FOUR from the following:
- ECO 300 Topics in Economics
- ECO 330 Money & Banking
- ECO/BUS 340 Government & Business
- ECO/BUS 350 International Econ. & Finance
- ECO/BUS 360 Econ. of Labor & Labor Rel.
- ECO/MAT 345 Statistical Consulting Proj.
- BUS 351 Business Finance
- PHL 220 Principles of Ethics

Professional Development Requirements:
- ECO 498 Portfolio
- PDP 200 Preparing for Your Internship
- INT XXX - One internship in economics or related field

Related field courses required:
- ACC 221 Principles of Accounting I
- BUS 265 Business Research Methods
- CMP 130 Introduction to Computing
- MAT135 Calculus
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 472 Economic Research I
ECO 221  Interm. Microeconomic Theory  ECO 474 Economic Research II
ECO 223  Interm. Macroeconomic Theory  ECO 499 Senior Competency Practicum
ECO 380  Elementary Econometrics

**Plus FOUR from the following:**
ECO 300  Topics in Economics  ECO/BUS 360 Econ of Labor & Labor Rel
ECO 330  Money & Banking  ECO 370 Sports Economics
ECO/MAT 345  Statistical Consulting Proj.  BUS 351 Business Finance
ECO/BUS 350  International Econ. & Finance

**Professional Development Requirements:**
ECO 498  Portfolio
PDP 200  Preparing for Your Internship
INT XXX - One internship in economics or related field

**Related field courses required:**

**Statistics Requirement:** (ONE of the following)
BUS 265  Business Research Methods  MAT 331 Probability and Statistics

**Mathematics Requirement:** (ALL of the following)
MAT 135  Calculus  MAT 253  Calculus III
MAT 142  Calculus II  MAT 256  Differential Equations
MAT 233  Linear Algebra
Economics Minor

Required courses:
ECO 115 Principles of Economics
ECO 221 Intermediate Microeconomic Theory
ECO 223 Intermediate Macroeconomic Theory

Plus THREE from the following:
ECO 300 Topics in Economics                  ECO/BUS 360 Econ. of Labor & Labor Rel.
ECO 330 Money & Banking                        ECO 370 Sports Economics
ECO/BUS 340 Government & Business              ECO 380 Elementary Econometrics
ECO/BUS 350 International Econ. & Finance

NOTE: Economics majors and minors must complete ECO 115, ECO 221 and ECO 223 with a C- or better before enrolling in 300 or 400 level courses in the department.
Economics Course Descriptions

ECO 115  Principles of Economics  3 hours credit
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. Satisfies social sciences exploratory requirement. Fall and spring.

ECO 221 Intermediate Microeconomic Theory  3 hours credit
Presents economic theories of households, firms, and government. Techniques of market analysis are applied to the determination of prices and quantities, in both product and resource markets, supplemented by examinations of problems such as monopoly, inequality, and pollution. Prerequisites: ECO 115 and MAT 135. Fall and spring.

ECO 223 Intermediate Macroeconomic Theory  3 hours credit
Explains how the levels of national income, output, prices and employment are measured and determined. The course answers how government monetary, fiscal and other policies may be used to guide the macro-economy. Prerequisites: ECO 115 and MAT 135. Fall and spring.

ECO 300 Topics in Economics  3 hours credit
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 for academic affairs.

ECO 330 Money and Banking  3 hours credit
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. Prerequisites: ECO 223. Fall, odd academic years.

ECO 340 Government and Business  3 hours credit
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. Prerequisite: ECO 115. Spring, odd academic years.

ECO 345 Statistical Consulting Project  3 hours credit
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 MAT/PSY/SOC 345. Students may receive credit in only one of these cross-referenced courses. Satisfies LA 315 Liberal Arts Capstone. Prerequisites: MAT/PSY 224, MAT 331, or BUS 265. Spring, odd academic years.

ECO 350 International Economics and Finance  3 hours credit
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. Prerequisites: ECO 221 and ECO 223. Spring, odd academic years.

ECO 360 Economics of Labor and Labor Relations  3 hours credit
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. Prerequisite: ECO 221. Spring, even academic years.
ECO 370 Sports Economics  3 hours credit
The course covers the microeconomics of sports industry. The course provides students with the industrial organization of sports, public finance of sports, labor issues related to sports industry and economics of amateur sports, especially major collegiate sports (NCAA). Topics include profit maximization, competitive balance, monopoly power and antitrust, financing of new stadium, municipalities, human capital theory, tournament theory, unions and NCAA through analysis of teams, leagues, players, incomes, strategies, history, and government policy. Prerequisite: ECO 221. Fall, even academic years.

ECO 380 Elementary Econometrics  3 hours credit
Econometrics is based upon the development of statistical methods for estimating economic relations, testing economic theories and evaluating and implementing government and business policy. This course provides an elementary analysis of the problems of estimation, prediction and hypothesis testing in the context of various economic models. Economic models that we treat include general linear models (simple regression and multiple regression models), time series models, panel data models, linear probability models and simultaneous equations models. This course emphasizes applications of econometric theory to practical economic problems, for which students will use the economic statistics software “STATA” most commonly used in both research area including universities and business area. There will be considerable empirical contents to the course, which provides students with many opportunities to use STATA and analyze the data throughout the semester. Prerequisite: ECO 115, and BUS 265, MAT/PSY/SOC 224, or MAT 331 or consent of the instructor. Fall, even academic years.

ECO 472 Economic Research I  3 hours credit
This course provides students with an introduction to the design and methods employed in modern economic research. Students are required to plan a research project. Students choose a topic of their interest for research and conduct an intensive review of the literature on the topic under the direction of the instructor. In the following semester, students are required to take ECO 474 to complete research paper for their research. Prerequisite: Economics majors with senior standing, having completed at least 15 hours of economic courses including ECO 221 and ECO 223 or consent of the instructor. Fall.

ECO 474 Economic Research II  3 hours credit
ECO 474 provides students with continued consideration of the design and methods employed in modern economic research begun in ECO 472. Students are required to carry out the research project proposed in ECO 472 under the direction of the instructor and complete research paper. This course together with ECO 472 is the capstone course for the economics major and serves as part of ECO 499 (Senior Competency Practicum). Prerequisite: ECO 472. Spring.

ECO 482 Economics Practicum  1-2 hours credit
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.

ECO 490 Independent Study  1-2 hours credit
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. Departmental consent.

ECO 498 Portfolio  no credit
The portfolio requirement will be met by creating the portfolio. Students will develop a comprehensive portfolio documenting skills learned and assessment of such skills.

ECO 499 Senior Competency Practicum  no credit
Satisfactory performance on ETS major field test in economics. Passing grade ‘D-’ or better.
EDUCATION

Department Chair: L. Airey
Director of Elementary Education and Coordinator of Elementary Education Field: C. Prather
Director of Secondary Education and Coordinator of Secondary Education Field: S. Hall
Teacher Licensure Officer: C. Prather
Department Members: C. Ables-Rigsbee, L. Airey, K. Eiler, S. Hall, B. Moore, C. Prather

Majors: Elementary Education; Secondary Education – English/Language Arts, French, Math, Life Sciences, Physical Education K-12 with Health, Social Studies, Spanish

Minors:
  - Elementary Education – English as a New Language (ENL) for Elementary Teachers (non-licensure)
  - Secondary Education – Spanish, French (licensure areas)

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 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 content knowledge is provided by the rich and rigorous liberal arts curriculum of the college.

The Franklin College Teacher Education Program is standards-based, performance-driven, assessment conscious, and is accredited by the National Council for Accreditation of Teacher Education (NCATE) and the Indiana Department of Education. These accreditations recognize the high standards of Franklin College and its education department in the preparation of K-12 educators. Such accreditations also allow program graduates to be eligible for recommendation for teacher licensure in the state of Indiana and in any state with an interstate agreement, arranged by The National Association of State Directors of Teacher Education and Certification (NASDTEC)

Compliance with regulations established by the Indiana Department of Education may alter the Education Department policies, curricula, and course content regardless of the student’s enrollment date in the program. Students are advised to work closely with the Education Department academic advisors to keep abreast of any and all changes.
Mission of the Teacher Education Program
The mission of the Franklin College Teacher Education Program is to prepare future professional educators to be “competent, caring decision makers.” This theme provides a unifying perspective to bring together the various components of all the educational programs at Franklin College. It implies thoughtful design and implementation of the various licensure programs in order to provide comprehensive and coordinated experiences for all candidates.

The goals and criteria of the Teacher Education Program set a standard of excellence and show that the programs attend to the career track of preparing K-12 educators. Candidates are active participants as undergraduate learners because of the field-based nature of the program. The focus on specific dispositions needed by future professional educators leads to “values-focused” preparation. The program is developmental in nature, therefore the candidates move through a series of courses as a cohort group or community of learners in which each participant receives personal attention.

The mission also implies that the Teacher Education Program prepares educators who are able to perform effectively in authentic school-based situations. More specifically, Franklin College graduates must demonstrate knowledge, as well as certain desired skills and dispositions, which are critical to success as a novice teacher. Franklin College prepares future K-12 educators who clearly visualize their roles, meet the demands of innovation and change, and value learning as a life-long process.

The education department faculty believes in the mission of service. The faculty reaches out to individuals, schools, and the larger community in order to serve in various professional roles. This service is in addition to their work as college professors, field experience supervisors and integral members of the college community.

Transfer Credit
The only education course the Teacher Education Program accepts for transfer credit is a course equivalent to EDU 124 Introduction to Teaching and American Education. A student with transfer credit for EDU 124 must register for EDU 490, an Independent Study course, which will cover the content that is specific to the Franklin College education program.

Minimum Grades
A teacher education candidate must receive a grade of a ‘C’ or better in any professional education course. No grade below a ‘C-’ will be accepted in any content course designated/required for certification.

Students may enroll in the sophomore level sequence of courses if they have met the following criteria:
- 2.25 GPA cumulative
- 2.25 GPA licensure area
- Display appropriate dispositions for teaching
- Successfully complete EDU 124
Background Reports
The Franklin College Teacher Education Program is a field-based program. A student in the program will have many interactions with K-12 learners. A student is expected to be a law-abiding citizen and will be required to pass criminal history and background checks prior to each term in order to participate in field school experiences, internships, off-site course activities, and student teaching. If a placement is rejected by a school due to issues with the student’s criminal history or background check, the College has no further obligation regarding placement for that term.

Admission to Teacher Education
To be considered for admission into the Teacher Education Program, for fall of the junior year, students must submit a formal application to the education department. This application will be completed during the fall semester of the sophomore year. The application must be filed with the education department secretary by the designated due date.

The education department reviews each application individually according to established criteria for admission to teacher education. Admission criteria include:

- 2.5 GPA cumulative; 2.5 GPA in the content
- recommendation for admission by the faculty
- no grade below a ‘C’ in any professional education course
- no grade below a ‘C-’ in any content course designated/required for certification
- display appropriate dispositions for teaching
- satisfactory grade in all education field experiences/internships
- passing scores on each of the basic skills tests or documentation verifying that the student has met one of the exam alternatives approved by the Indiana Department of Education

No student will be permitted to enroll in any 300/400 level professional education courses, field experiences or internships until he/she has gained admission to the Teacher Education Program.

Candidates admitted to the teacher education program are reviewed regularly to ensure that satisfactory progress is being made toward graduation and licensure. To continue in the program, candidates must meet all standards established by the education department which include:

- cumulative GPA of 2.5 (A=4.00) at the end of each academic semester/term
- content GPA of 2.5 (A=4.00) at the end of each academic semester/term
- no grade below ‘C’ in any professional education class*
- no grade below a ‘C-’ in any content course designated/required for certification
- a grade of ‘S’ in all education field experiences and internships
- appropriate dispositions for teaching

*for elementary education majors professional education courses include: PED 322, FNA 420 and all those with ED prefixes.
Approval for Student Teaching
Student teaching applications must be submitted to the education department secretary in the junior year. A student teaching placement will only be sought for those candidates who have successfully met all program requirements to date and who have been approved for a student teaching placement by the education department faculty. The content assessment tests that are required for licensure are to be taken the summer before the senior year. An official score report from the testing company showing passing scores for the candidate’s licensure areas must be received by the education department secretary prior to the beginning of the spring semester of student teaching.

Additional Fees
- It is the responsibility of the student to register for and pay the fees associated with the basic skills test (for admittance into the program) and the pedagogy and content (for state licensure) tests.
- All Education Field Experiences carry a $15 fee.
- A one-time fee of $125 will be charged during the spring of the senior year as an honorarium for the cooperating teacher.
- Once a school corporation accepts a student for a field experience or winter term internship, a $25 fee may be charged for withdrawing from or failing to complete the internship.
- Once a school corporation accepts a student for a student teaching placement, a $50 fee may be charged for withdrawing from or failing to complete the student teaching internship.

Licensure Requirements
Successful completion of the Teacher Education Program is defined as fulfillment of all requirements for licensure. However, this does not automatically guarantee licensure by the State of Indiana. The college licensure officer shall recommend only those candidates who meet the following requirements:
- satisfactory completion of a field experience, internship, or student teaching assignment that includes practical experience in each licensure area and developmental level
- demonstration of knowledge, dispositions, and performances associated with the Franklin College Teacher Education Program
- documented passing scores on all required tests for state licensure
- completion of all course requirements for graduation and licensure
- completion of student teaching with a grade of ‘C’ or higher
- current certification in CPR/AED/Heimlich Maneuver, and suicide prevention training as required by the Indiana Department of Education

Academic Advising
Every student 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 requirements rests with the student.

A student should declare his/her major by the end of the freshmen academic year. At that time education majors will be assigned to an academic advisor who is either a member of the education department or a faculty member who has received special training in the education department program requirements. In most instances the student will work with this advisor through the remainder of his/her college career.
**Elementary Education Program**
Successful completion of the Franklin College Elementary Education Program enables a program graduate to be licensed to teach in primary and intermediate grade settings in grades K-6. All coursework and field experiences/internships align with Indiana’s developmental and content standards for elementary generalists as adopted by Indiana in December 2010.

**Secondary Education Program**
Successful completion of the Franklin College Secondary Education Program enables a program graduate to be eligible for a license to teach in grades 5-12. All coursework and field experiences/internships align with Indiana’s developmental standards for secondary education. In addition, candidates complete coursework and field experiences/internships in compliance with a minimum of one set of specific content standards.

The content/licensure areas available within the Secondary Education Program at Franklin College are:
- World Language: French or Spanish
- English/Language Arts
- Mathematics
- Physical Education with Health K-12
- Life Sciences
- Social Studies: The Social Studies teaching major consists of two required content areas: Historical perspectives; Government and Citizenship. Students may choose their third content area from: Economics, Psychology, or Sociology.
Three content areas are required for licensure.
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 winter term internships are required for elementary education majors.

Elementary Education majors must take the following liberal arts exploratory courses to satisfy program and graduation requirements: Fine Arts: FNA 420; Social Sciences: PSY 117; Laboratory Sciences: BIO 114; Intercultural: GEO 220.

Elementary Education Major

Professional Education Requirements: Students must earn at least a ‘C’

EDU 124 Intro to Teaching & Am Ed.  EDE 365 Math Methods/Elem Teachers I
EDP 222 Exceptional Child/Inclusion  EDE 366 Math Methods/Elem Teachers II
EDU 222 Child Development/Ed Psy  EDU 443 Interdisciplinary Unit Planning
EDU 223 Children’s & Adolescent Lit.  EDE 444 Mthds of Teach Elem Soc Studies
EDU 225 General Methods  EDE 456 Professional Development
EDU 227 Grammar & Linguistics  EDE 457 Effective Methods for Assessment
EDU 315 Diversity in the Classroom  EDE 499 Senior Edu. State Comp. Exam
EDE 336 Science and Teaching I  EDU 222 Child Development/Ed Psy
EDE 337 Science and Teaching II  EDU 315 Diversity in the Classroom
EDE 344 Tchg. Learning Literacy I  PED 322 Methods of Tchg PE & Health for
EDE 345 Tchg. Learning Literacy II  the Elementary Classroom Teacher

Additional required coursework: Students must earn at least a ‘C-’

MAT 323 Mathematics/Elem. Teaching I  MAT 324 Mathematics/Elem. Teaching II

Plus ONE of the following: Students must earn at least a ‘C-’

ENG 117 World Literature I  ENG 118 World Literature II

Exploratory coursework requirements: Earned credit required (see Grading and Credit System section of the catalog)

ONE of:

HIS 120 U.S. History to 1877  HIS 121 U.S. History since 1877

Plus ALL of the following:

BIO 114 General Biology  PSY 117 Gen. Psychology
GEO 220 Geography

Optional Coursework

EDU 330 Mild Intervention in Elementary Education
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 Elem. Ed.          EFE 484 Field Experience in Elem. Ed.
EFE 384 Field Experience in Elem. Ed.          EST 489 Student Teaching in Elem. Ed.
EFE 385 Field Experience in Elem. Ed.

Winter Term: A grade of satisfactory ‘S’ is required in all internships

INE 200 Internship in Education          Winter Term Course or LA 112 (fresh. year)
INE 300 Internship in Education

Elementary Major – Required Minor
The following minor is required for the elementary major:

English as a New Language (ENL) for Elementary Teachers
This minor is only available to Elementary Education majors and does not lead to English as a New Language Licensure for Indiana teachers.
Students must earn at least a ‘C’

EDU 223 Children’s and Adolescent Lit.          EDU 315 Human Diversity in the Classroom
EDU 227 Grammar & Linguistics          EFE 484 Field Exp. in Elementary Ed.
EDE 345 Tch/Learning Literacy II

Plus ONE of the following: Students must earn at least a ‘C’-

ENG 117 World Literature I          ENG 118 World Literature II
Secondary Education
The content/licensure areas available within the Secondary Education Program are:
English/language arts, French, life sciences, mathematics, physical education and health
(K-12), Spanish, and social studies.

**Professional Secondary Education Courses:** Students must earn at least a ‘C’
- EDU 124 Intro to Teaching & Am Ed.
- EDS 326 Instructional Strategies I
- EDP 222 Exceptional Child/Inclusion
- EDS 327 Instructional Strategies II
- EDU 222 Child Development/Ed Psy
- EDS 422 Teaching Read. in Content Area
- EDU 223 Children’s and Adolescent Lit
- EDU 443 Interdisciplinary Unit
- EDU 225 General Methods
- EDS 456 Professional Development
- EDU 227 Grammar & Linguistics
- EDS 459 Content Area Methods Course
- EDU 315 Diversity in the Classroom
- EDS 499 Senior Edu. State Comp. Exam
- EDS 457 Effective Methods for Assessment & Evaluation

**Related Coursework:** (required)
- PSY 117 General Psychology (Soc. Sci.)

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 SST 489 Student Teaching.*
- SFE 284 Field Experience
- SFE 384 Field Experience
- SFE 385 Field Experience
- SFE 484 Field Experience
- SST 489 Student Teaching

**Winter Term:** A grade of satisfactory ‘S’ is required in all internships.
- INE 200 Internship in Education
- Winter Term Course or LA 112 (fresh. year)
- INE 300 Internship in Education

**PLUS:** all courses required in teaching major content area as listed on the following
pages.
Teaching Major Content Areas:

English/Language Arts Teaching Major

**Professional Secondary Education Courses:** *Students must earn at least a ‘C’*

- EDU 124 Intro to Teaching & Am Ed.
- EDS 326 Instructional Strategies I
- EDP 222 Exceptional Child/Inclusion
- EDS 327 Instructional Strategies II
- EDU 222 Child Development/Ed Psy
- EDS 422 Teaching Read. in Content Area
- EDU 223 Children’s and Adolescent Lit
- EDS 443 Interdisciplinary Unit
- EDU 225 General Methods
- EDS 456 Professional Development
- EDU 227 Grammar & Linguistics
- EDS 459 Content Area Methods Course
- EDU 315 Diversity in the Classroom
- EDS 499 Senior Edu. State Comp. Exam
- EDS 457 Effective Methods for Assessment & Evaluation

**Related Coursework:** *(required)*

- PSY 117 General Psychology (Soc. Sci.)

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 SST 489 Student Teaching.
- SFE 284 Field Experience
- SFE 484 Field Experience
- SFE 384 Field Experience
- SST 489 Student Teaching
- SFE 385 Field Experience

**Winter Term:** *A grade of satisfactory ‘S’ is required in all internships.*

- INE 200 Internship in Education
- Winter Term Course or LA 112 (fresh. year)
- INE 300 Internship in Education

**English/Language Arts Required courses:**

*English/Language Arts teaching majors must earn a C or better in ENG 200. They must earn a C- or better in all other ENG and prerequisite courses.*

- ENG 117 World Literature I
- ENG 210 Introduction to Literary Research
- ENG 118 World Literature II
- ENG 328 Advanced Composition
- ENG 200 Intro. to Literary Studies
- ENG 333 Shakespeare
- ENG 227 The English Language
- ENG 499 Sr. Competency Practicum

**Plus ONE of the following (Elective A):**

- ENG 308 Old and Med. English Lit.
- ENG 311 English Lit. of Enlightenment
- ENG 309 Early Modern British Lit.
- ENG 355 Early American Literature

**Plus ONE of the following (Elective B):**

- ENG 312 Romantic & Victorian Literature
- ENG 356 American Realism
- ENG 314 Modern British Literature
- ENG 357 American Modernism
Plus ONE of the following (Elective C):
ENG 358 American Minority Literature    ENG 360 Contemporary American Lit.

PLUS:
Additional ENG course work on the 200-level or higher to reach the required minimum 30 hours beyond 100-level courses. Recommended courses include: ENG 240: Intro. to Canadian Fiction (IN), ENG 290 Film Studies (FA), and ENG 361 Global Literature (IN). A strongly recommended course outside the department is THE 110 Theater Appreciation (FA)
French Teaching Major
A maximum of 8 hours of transfer credit, AP credits, advanced-placement credit, and/or study-abroad credit can be applied to the 28 hours of coursework at the 200-level or above required for the French teaching major. In order to complete the French teaching 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.

**Professional Secondary Education Courses:** Students must earn at least a ‘C’

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 124</td>
<td>Intro to Teaching &amp; Am Ed.</td>
</tr>
<tr>
<td>EDP 222</td>
<td>Exceptional Child/Inclusion</td>
</tr>
<tr>
<td>EDU 222</td>
<td>Child Development/Ed Psy</td>
</tr>
<tr>
<td>EDU 223</td>
<td>Children’s and Adolescent Lit</td>
</tr>
<tr>
<td>EDU 225</td>
<td>General Methods</td>
</tr>
<tr>
<td>EDU 227</td>
<td>Grammar &amp; Linguistics</td>
</tr>
<tr>
<td>EDU 315</td>
<td>Diversity in the Classroom</td>
</tr>
<tr>
<td>EDS 326</td>
<td>Instructional Strategies I</td>
</tr>
<tr>
<td>EDS 327</td>
<td>Instructional Strategies II</td>
</tr>
<tr>
<td>EDS 422</td>
<td>Teaching Read. in Content Area</td>
</tr>
<tr>
<td>EDU 443</td>
<td>Interdisciplinary Unit</td>
</tr>
<tr>
<td>EDS 456</td>
<td>Professional Development</td>
</tr>
<tr>
<td>EDS 457</td>
<td>Effective Methods for Assessment &amp; Evaluation</td>
</tr>
</tbody>
</table>

**Related Coursework:** (required)
PSY 117 General Psychology (Soc. Sci.)

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 SST 489 Student Teaching.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFE 284</td>
<td>Field Experience</td>
</tr>
<tr>
<td>SFE 384</td>
<td>Field Experience</td>
</tr>
<tr>
<td>SFE 385</td>
<td>Field Experience</td>
</tr>
</tbody>
</table>

**Winter Term:** A grade of satisfactory ‘S’ is required in all internships.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>INE 200</td>
<td>Internship in Education</td>
</tr>
<tr>
<td>INE 300</td>
<td>Internship in Education</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter Term Course or LA 112 (fresh. year)</td>
<td></td>
</tr>
</tbody>
</table>

**French Requirements:** Students must earn at least a ‘C-’ in any content course designated/required for certification.

**Minimum of 28 credit hours from** (choices must include at least one literature course)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE 210</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>FRE 211</td>
<td>Intermediate French II</td>
</tr>
<tr>
<td>FRE 300</td>
<td>Topics in French</td>
</tr>
<tr>
<td>FRE 314</td>
<td>Career French</td>
</tr>
<tr>
<td>FRE 315</td>
<td>Adv. Writing &amp; Grammar</td>
</tr>
<tr>
<td>FRE 331</td>
<td>French Civilization</td>
</tr>
<tr>
<td>FRE 332</td>
<td>Masterpieces of French Lit.</td>
</tr>
<tr>
<td>FRE 334</td>
<td>Francophone Culture</td>
</tr>
<tr>
<td>FRE 337</td>
<td>The 19th. Century Novel</td>
</tr>
</tbody>
</table>

**PLUS:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE 498</td>
<td>Portfolio</td>
</tr>
<tr>
<td>FRE 499</td>
<td>Senior Essay</td>
</tr>
</tbody>
</table>
Life Sciences Teaching Major

**Professional Secondary Education Courses:** Students must earn at least a ‘C’

- EDU 124 Intro to Teaching & Am Ed.
- EDS 326 Instructional Strategies I
- EDP 222 Exceptional Child/Inclusion
- EDS 327 Instructional Strategies II
- EDU 222 Child Development/Ed Psy
- EDS 422 Teaching Read. in Content Area
- EDU 223 Children’s and Adolescent Lit
- EDU 443 Interdisciplinary Unit
- EDU 225 General Methods
- EDS 45 Professional Development
- EDU 227 Grammar & Linguistics
- EDS 459 Content Area Methods Course
- EDU 315 Diversity in the Classroom
- EDS 499 Senior Edu. State Comp. Exam
- EDS 457 Effective Methods for Assessment & Evaluation

**Related Coursework:** (required)

- PSY 117 General Psychology (Soc. Sci.)

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 SST 489 Student Teaching.

- SFE 284 Field Experience
- SFE 384 Field Experience
- SST 489 Student Teaching

**Winter Term:** A grade of satisfactory ‘S’ is required in all internships.

- INE 200 Internship in Education
- INE 300 Internship in Education
- Winter Term Course or LA 112 (fresh. year)

**Biology Requirements:** Students must earn at least a ‘C-’ in any content course designated/required for certification.

- BIO 001 Laboratory Assistant
- BIO 115 Human Anatomy/Physiology I
- BIO 120 Human Anatomy/Physiology II
- BIO 120L Human Anat/Phys II Lab
- BIO 134 Principles of Biology
- BIO 140 Cell Biology
- BIO 221 Botany
- BIO 230 Zoology
- BIO 240 Ecology
- BIO 350 Genetics
- BIO 470 Biology Seminar

**Related Field Requirements:**

- CHE 121/123 General Chemistry I & Lab
- CHE 122/124 General Chemistry II & Lab
- ESC 118 Earth Science

MAT 135 Calculus **OR** LA 103 Quantitative Reasoning **AND** MAT/PSY 224 Basic Applied Stats.
Mathematics Teaching Major

**Professional Secondary Education Courses:** *Students must earn at least a ‘C’*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 124</td>
<td>Intro to Teaching &amp; Am Ed.</td>
</tr>
<tr>
<td>EDP 222</td>
<td>Exceptional Child/Inclusion</td>
</tr>
<tr>
<td>EDU 222</td>
<td>Child Development/Ed Psy</td>
</tr>
<tr>
<td>EDU 223</td>
<td>Children’s and Adolescent Lit</td>
</tr>
<tr>
<td>EDU 225</td>
<td>General Methods</td>
</tr>
<tr>
<td>EDU 227</td>
<td>Grammar &amp; Linguistics</td>
</tr>
<tr>
<td>EDU 315</td>
<td>Children’s and Adolescent Lit</td>
</tr>
<tr>
<td>EDS 326</td>
<td>Instructional Strategies I</td>
</tr>
<tr>
<td>EDS 327</td>
<td>Instructional Strategies II</td>
</tr>
<tr>
<td>EDS 422</td>
<td>Teaching Read. in Content Area</td>
</tr>
<tr>
<td>EDS 427</td>
<td>Instructional Strategies II</td>
</tr>
<tr>
<td>EDS 456</td>
<td>Professional Development</td>
</tr>
<tr>
<td>EDS 457</td>
<td>Effective Methods for Assessment &amp; Evaluation</td>
</tr>
<tr>
<td>EDS 459</td>
<td>Content Area Methods Course</td>
</tr>
<tr>
<td>EDU 222</td>
<td>Child Development/Ed Psy</td>
</tr>
<tr>
<td>EDU 223</td>
<td>Children’s and Adolescent Lit</td>
</tr>
<tr>
<td>EDU 315</td>
<td>Diversity in the Classroom</td>
</tr>
<tr>
<td>EDS 443</td>
<td>Interdisciplinary Unit</td>
</tr>
<tr>
<td>EDS 456</td>
<td>Professional Development</td>
</tr>
<tr>
<td>EDS 459</td>
<td>Content Area Methods Course</td>
</tr>
<tr>
<td>EDS 499</td>
<td>Senior Edu. State Comp. Exam</td>
</tr>
</tbody>
</table>

**Related Coursework:** *(required)*

- PSY 117 General Psychology (Soc. Sci.)

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 SST 489 Student Teaching.**
- SFE 284 Field Experience
- SFE 384 Field Experience
- SFE 385 Field Experience
- SST 489 Student Teaching

**Winter Term:** *A grade of satisfactory ‘S’ is required in all internships.*

- INE 200 Internship in Education
- INE 300 Internship in Education
- Winter Term Course or LA 112 (fresh. year)

**Mathematics Requirements:** *Students must earn at least a ‘C-’ in any content course designated/required for certification.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 135</td>
<td>Calculus (LA math requirement)</td>
</tr>
<tr>
<td>MAT 140</td>
<td>Intro. to the Math Sciences</td>
</tr>
<tr>
<td>MAT 142</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MAT 181</td>
<td>Discrete Mathematics I</td>
</tr>
<tr>
<td>MAT 182</td>
<td>Discrete Mathematics II</td>
</tr>
<tr>
<td>MAT 233</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>MAT 253</td>
<td>Calculus III</td>
</tr>
<tr>
<td>MAT 331</td>
<td>Probability &amp; Statistics</td>
</tr>
<tr>
<td>MAT 361</td>
<td>Modern Algebra</td>
</tr>
<tr>
<td>MAT 363</td>
<td>Topics in Geometry</td>
</tr>
<tr>
<td>MAT 367</td>
<td>Intro. to Real Analysis</td>
</tr>
<tr>
<td>MAT 471</td>
<td>Senior Seminar</td>
</tr>
<tr>
<td>MAT 499</td>
<td>Senior Comp. Practicum</td>
</tr>
</tbody>
</table>

**Related Field Requirements:**

- CMP 130 Introduction to Computing
- CMP 141 Computing I
- CMP 150 Comp. Tools for Problem Solving
Physical Education Teaching Major-K-12 with Health

**Professional Secondary Education Courses:** *Students must earn at least a ‘C’*

EDU 124 Intro to Teaching & Am Ed.  
EDP 222 Exceptional Child/Inclusion  
EDU 222 Child Development/Ed Psy  
EDU 223 Children’s and Adolescent Lit  
EDU 225 General Methods  
EDU 227 Grammar & Linguistics  
EDU 315 Diversity in the Classroom  
EDS 326 Instructional Strategies I  
EDS 327 Instructional Strategies II  
EDS 422 Teaching Read. in Content Area  
EDU 443 Interdisciplinary Unit  
EDS 456 Professional Development  
PED 424 Curr. And Methods of Phys Ed  
EDS 499 Senior Edu. State Comp. Exam  
EDS 457 Effective Methods for Assessment & Evaluation

**Related Coursework:** *(required)*

PSY 117 General Psychology (Soc. Sci.)

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 a ‘C’ in SST 489 Student Teaching.*

SFE 284 Field Experience  
SFE 384 Field Experience  
SFE 385 Field Experience  
SST 489 Student Teaching

**Winter Term:** *A grade of satisfactory ‘S’ is required in all internships.*

INE 200 Internship in Education  
INE 300 Internship in Education  
Winter Term Course or LA 112 (fresh year)

**Physical Education K-12 with Health Content Course Requirements:** *Students must earn at least a ‘C’ in any content course designated/required for certification.*

EXE 208 Basic Principles of Nutrition  
EXE 221 Contem. Issues in Health & Well.  
EXE 222 First Aid & CPR/AED  
EXE 372 Exercise Physiology  
EXE 372L Exercise Physiology Lab  
EXE 387 Biomechanics  
EXE 387L Biomechanics Lab  
PED 234 Intro Tchg & Coaching Phys Act  
PED 327 Intro. to Adapted Physical Ed.  
PED 341 Org. & Ad. of P.E. Programs  
PED 343 Curr & Mthd of Hlth & Safe  
PED 424 Curriculum/Methods P.E.

**Related Field Requirements:** *Students must earn a minimum of a ‘C-’ in related field courses.*

BIO 110 Intro to Human Anat. and Phys.  
BIO 115 Human Anatomy & Physiology I  
BIO 120 Human Anatomy & Physiology II  
BIO 120L Human Anatomy & Physiology II Lab  
EXE 119 Concepts of Wellness
**Highly Recommended:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 401</td>
<td>CPR/AED for Education Majors</td>
</tr>
<tr>
<td>PED 110</td>
<td>Lifeguard Training</td>
</tr>
<tr>
<td>PED 115</td>
<td>Officiating in Volleyball</td>
</tr>
<tr>
<td>PED 116</td>
<td>Officiating in Basketball</td>
</tr>
<tr>
<td>PED 333</td>
<td>Coaching Baseball/Softball</td>
</tr>
<tr>
<td>PED 334</td>
<td>Coaching Basketball</td>
</tr>
<tr>
<td>PED 335</td>
<td>Coaching Football</td>
</tr>
<tr>
<td>PED 336</td>
<td>Coaching Volleyball</td>
</tr>
<tr>
<td>PED 337</td>
<td>Coaching Track/Field</td>
</tr>
<tr>
<td>PED 338</td>
<td>Coaching Soccer</td>
</tr>
<tr>
<td>PED 339</td>
<td>Coaching Swimming</td>
</tr>
</tbody>
</table>
Social Studies Teaching Major

The Social Studies teaching major consists of two required content areas: Historical Perspectives and Government and Citizenship. A third area of study will be chosen from Economics, Psychology, or Sociology.

Professional Secondary Education Courses: Students must earn at least a ‘C’

EDU 124 Intro to Teaching & Am Ed.  EDS 326 Instructional Strategies I
EDP 222 Exceptional Child/Inclusion  EDS 327 Instructional Strategies II
EDU 222 Child Development/Ed Psy  EDS 422 Teaching Read. in Content Area
EDU 223 Children’s and Adolescent Lit  EDU 443 Interdisciplinary Unit
EDU 225 General Methods  EDS 456 Professional Development
EDU 227 Grammar & Linguistics  EDS 459 Content Area Methods Course
EDU 315 Diversity in the Classroom  EDS 499 Senior Edu. State Comp. Exam
EDS 457 Effective Methods for Assessment & Evaluation

Related Coursework: (required)
PSY 117 General Psychology (Soc. Sci.)

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 SST 489 Student Teaching.
SFE 284 Field Experience  SFE 484 Field Experience
SFE 384 Field Experience  SST 489 Student Teaching
SFE 385 Field Experience

Winter Term: A grade of satisfactory ‘S’ is required in all internships.
INE 200 Internship in Education  Winter Term Course or LA 112 (fresh. year)
INE 300 Internship in Education

Social Studies Core Requirements: Students must earn at least a ‘C-’ in any content course designated/required for certification.

ECO 115 Principles of Economics  LA 102 The World since 1750
GEO 220 Geography  POL 110 Amer National Government
HIS 120 U.S. History to 1877  POL 225 State and Local Government
HIS 121 U.S. History since 1877  POL 234 American Political Participation
HIS 205 World History to 1750  PSY 117 General Psychology (Soc. Sci.)
History electives:

**Plus ONE of the following upper level U.S. History courses:**

- HIS 325 History of American Thought
- HIS 331 African American History
- HIS 332 History of Women in the U.S.
- HIS 335 United States History since 1945

**Plus ONE of the following upper level non-U.S. History courses:**

- HIS 214 The South Atlantic World
- HIS 348 Germany and Europe
- HIS 361 East Asian History
- HIS 365 History of the Middle East

**Government and Citizenship Electives (choose ONE)**

- POL 360 Social and Political Thought
- POL 420 American Constitutional Law II

**Plus choose ONE of the following content areas - Economics, Psychology, or Sociology**

**Economics - choose TWO of the following courses**

- ECO 221 Intermediate Micro Theory*
- ECO 223 Intermediate Macro Theory*
- ECO 340 Government and Business*
- ECO 350 International Economics & Finance
- ECO 360 Econ of Labor/Labor Relations
- ECO 370 Sports Economics
- ECO 380 Elementary Econometrics

*Highly Recommended

**Psychology**

- PSY 117 Introduction to Psychology
- PSY 226 Lifespan Development
- PSY 320 Social Psychology
- PSY 324 Psychology of Learning

**Sociology**

- SOC 118 Introduction to Sociology
- SOC 325 Social Stratification
- SOC 330 Global Transformations
- PSY 320 Social Psychology

**Social Studies Secondary Education with History Major**

Students wishing to add a History Major must also complete:

- HIS 370 Historiography
- HIS 400 History Senior Seminar
- HIS 499 Senior Competency Practicum
Spanish Teaching Major
A maximum of 8 hours of transfer credit, AP credit, advanced-placement credit, and/or study-abroad credit can be applied to the 28 hours of coursework at the 200-level or above required for the Spanish teaching major. In order to complete the Spanish teaching major, students must therefore complete at least 20 credit hours of Spanish coursework at the 200-level or above at Franklin College, including two Advanced Culture/Literature courses.

Professional Secondary Education Courses: Students must earn at least a ‘C’
EDU 124 Intro to Teaching & Am Ed. EDS 326 Instructional Strategies I
EDP 222 Exceptional Child/Inclusion EDS 327 Instructional Strategies II
EDU 222 Child Development/Ed Psy EDS 422 Teaching Read. in Content Area
EDU 223 Children’s and Adolescent Lit EDU 443 Interdisciplinary Unit
EDU 225 General Methods EDS 456 Professional Development
EDU 227 Grammar & Linguistics EDS 459 Content Area Methods Course
EDU 315 Diversity in the Classroom EDS 499 Senior Edu. State Comp. Exam
EDS 457 Effective Methods for Assessment & Evaluation

Related Coursework: (required)
PSY 117 General Psychology (Soc. Sci.)

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 SST 489 Student Teaching.
SFE 284 Field Experience SFE 484 Field Experience
SFE 384 Field Experience SST 489 Student Teaching
SFE 385 Field Experience

Winter Term: A grade of satisfactory ‘S’ is required in all internships.
INE 200 Internship in Education Winter Term Course or LA 112 (fresh. year)
INE 300 Internship in Education

Spanish Requirements: Students must earn at least a ‘C-’ in any content course designated/required for certification.

Minimum of 28 credit hours from (must include at least two CL courses)
Required Courses:
SPA 211 Intermed. Read., Write & Disc. SPA 499 Senior Essay

Plus at least FOUR of the following:
SPA 300 Topics in Spanish* (AS/CL) SPA 331 Uncovering Latin America (CL)
SPA 312 Pronunciation for Comm. (AS) SPA 332 Masterpieces of Span. Lit. (CL)
SPA 313 Altruism/Engage. in Com. (AS) SPA 334 Master. of Sp.-Am. Lit. (CL)
SPA 314 Spanish in the Work World (AS) SPA 337 Golden Age of Spanish Lit. (CL)
SPA 330 Chicano-Riqueños (CL)
Teaching Minors – Secondary Education

Teaching **minors** for secondary education majors are available in French and Spanish. Each of these minors must be added to a secondary license areas. Neither can be added to an elementary license.

A **maximum of 8 hours** of transfer credit, AP credit, advanced-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 and Spanish teaching minor. In order to complete the French and Spanish teaching minor, students must therefore complete **at least 12 credit hours** of French or Spanish coursework at the 200-level or above at Franklin College, including a literature or culture class.

**French Teaching Minor** – *Students must earn at least a ‘C-’ in any content course designated/required for certification.*

**French Requirements:**

- FRE 210 Intermediate French I
- FRE 211 Intermediate French II
- FRE 314 Career French
- FRE 315 Advanced Writing/Grammar
- FRE 331 French Civilization
- FRE 337 The 19th Century Novel
- FRE 332 Masterpieces of French Lit.
- FRE 334 Francophone Culture

**Spanish Teaching Minor** – *Students must earn at least a ‘C-’ in any content course designated/required for certification*

**Spanish Requirements**

- SPA 210 Intermediate Spanish
- SPA 211 Intermed. Read, Write, & Disc.
- SPA 312 Pronunciation for Comm. (AS)
- SPA 313 Altruism/Engage. in Com. (AS)
- SPA 314 Spanish in the Work World (AS)
- SPA 315 Adv. Conv., Comp., & Gram. (AS)
- SPA 310 Topics in Spanish* (AS/CL)
- SPA 311 Interm. Read, Write, & Disc.
- SPA 312 Pronunciation for Comm. (AS)
- SPA 313 Altruism/Engage. in Com. (AS)
- SPA 314 Spanish in the Work World (AS)
- SPA 320 Chicano-Riqueños (CL)
- SPA 321 Interm. Read, Write, & Disc.
- SPA 322 Pronunciation for Comm. (AS)
- SPA 323 Altruism/Engage. in Com. (AS)
- SPA 324 Spanish in the Work World (AS)
- SPA 325 Chicano-Riqueños (CL)
Education Course Descriptions

Education Core

EDP 222 Survey of Exceptional Children/Inclusion 2 hours credit
Focus on the special characteristics and educational needs of students (ages 3-21) with special abilities such as the gifted, as well as those with physical, intellectual, and/or emotional disabilities. Taken concurrently with EDU 225, EDU 227, and EFE/SFE 284. Prerequisites: 2.25 GPA (A=4.00), EDU 124, EDU 222, EDU 223, or consent of the instructor. Spring, sophomore year.

EDU 124 Introduction to Teaching and American Education 2 hours credit
An introduction to American elementary, middle, and secondary school education designed to help students explore teaching as a career. Course content includes history, theories, philosophies and legal rights and responsibilities of teachers that influence current educational practice. Students also have an opportunity to compare and contrast philosophies of education and develop their own. This is the first required class in the sequence for all teacher education students; the policies and practices of the Franklin College program will be outlined. Fall or Spring, freshman year.

EDU 222 Child Development and Educational Psychology 2 hours credit
This course explores typical and atypical patterns in human growth and development from conception through adolescence. Students will examine theories and research in key areas such as learning, intelligence, and motivation which impact the ability of the teacher to design and implement integrated curriculum in the classroom. Students will become aware of current societal issues, such as child abuse and neglect, changing family structures, and multiculturalism, which influence the lives of children. A variety of instructional strategies will be utilized including group presentations, analysis of journal articles, and case analysis. Taken concurrently with EDU 223. Prerequisites: 2.25 GPA (A=4.00) and EDU 124 or consent of the instructor. Fall, sophomore year.

EDU 223 Children’s and Adolescent Literature 2 hours credit
A critical examination of a wide variety of literature for children and young people. Values of literature for children, standards for judging quality, exposure to books about other cultures, and methods of encouraging responses to literature are emphasized. Taken concurrently with EDU 222. Prerequisites: 2.25 GPA (A=4.00) and EDU 124 or consent of the instructor. Fall, sophomore year.

EDU 225 General Methods for Effective Instruction 2 hours credit
The first in the series of courses in the development of instructional approaches for both elementary and secondary education students. The primary focus is on the knowledge and performance of basic lesson planning and assessment, plus general teaching and classroom management skills. Related areas include, but are not limited to, cooperative learning strategies, classroom management, questioning techniques, and adapting lessons for the needs of special learners. Taken concurrently with EDP 222, EDU 227 and EFE/SFE 284. Prerequisites: 2.25 GPA (A=4.00), EDU 124, EDU 222, EDU 223, or consent of the instructor. Spring, sophomore year.

EDU 227 Grammar and Linguistics 1 hour credit
An introduction to the rules of English grammar and linguistics that apply to teaching with an emphasis on effective strategies for teaching language structure and syntax to English as a New Language (ENL) students. Taken concurrently with EDU 225, EDP 222, and EFE/SFE 284. Prerequisites: 2.25 GPA (A=4.00), EDU 124, EDU 222, EDU 223, or consent of the instructor. Spring, sophomore year.
EDU 315 Human Diversity in the Classroom 3 hours credit
Promotes curricular and instructional techniques and approaches for culturally diverse classrooms, including strategies for working with English Language Learners. 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. Taken Concurrently with SFE 385 Secondary and Physical Education Majors; EFE 484 Elementary Education majors. Prerequisites: 2.5 GPA (A=4.0), and admission to teacher education program. Spring Junior year for Secondary and Physical Education majors. Fall, senior year for Elementary Education majors. Satisfies the LA 315 Liberal Arts Capstone. Fall and Spring.

EDU 330 Mild Intervention in Elementary Education 3 hours credit
Course focus is on teaching and strategies to differentiate academics, social, and behavioral needs in an inclusive elementary classroom setting. Understanding the impact of labels on children, theory to practice, the law, evaluation procedures, and the importance of collaboration between teacher and parents are topics emphasized in the course. Offered for junior elementary education majors who have met all other education requirements up to this point. Prerequisites: 2.50 GPA (A=4.00), EDP 222, and admission to teacher education program. Spring, junior year.

EDU 401 CPR/AED/Heimlich certification for Education Majors 1 hour credit
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) Prerequisites: 2.50 GPA (A=4.00) and admission to teacher education program. Taken during the fall semester of the senior year by education majors who have met all other education requirements up to this point. Course Fee: $21. Prerequisite: EFE/SFE 484 or consent of the instructor. Fall, senior year, half semester.

EDU 443 Interdisciplinary Unit Planning 2 hours credit
This course requires students to create a curriculum unit which demonstrates the students’ knowledge of educational theory, pedagogy, instructional strategies, assessment, and an understanding of both content knowledge and process skills. Students in this course will develop an interdisciplinary unit that includes: an emphasis on using multiple intelligences and different learning styles, the use of technology, addressing the needs of all learners including accommodations and modifications for students, and a variety of formative and summative assessments. Prerequisites: 2.5 GPA (A=4.00) and admission to the teacher education program. Fall, senior year.

EDU 490 Independent Study 1-2 hours credit
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. Offered with consent of instructor.

INE 200 Internship in Education 4 hours credit
The initial immersion internship in education in an accredited school classroom. Full-time observation, participation, and teaching under the combined supervision of a cooperating teacher, college supervisor and coordinator of field experiences. Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet, and the Teacher Education Program Handbook. This course is offered during the winter term and fulfills four hours of the winter term requirement for graduation. Course Fee: $15. Prerequisites: EDU 124. Graded on satisfactory/unsatisfactory basis. Winter term, sophomore year.
INE 300 Internship in Education  
4 hours credit  
Internship in an accredited school classroom. Full-time observation, participation, and teaching under the combined supervision of a cooperating teacher, college supervisor and coordinator of field experiences. Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet and the Teacher Education Program Handbook. This course is offered during the winter term and fulfills four hours of the winter term requirement for graduation. Course Fee: $15. Prerequisites: EFE/SFE 384. Graded on satisfactory/unsatisfactory basis. Winter term, junior year.

INE 400 Internship in Education  
4 hours credit  
Internship in an accredited school classroom. Full-time observation, participation, and teaching under the combined supervision of a cooperating teacher, college supervisor and coordinator of field experiences. Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet and the Teacher Education Program Handbook. This course is offered during the winter term. Course Fee: $15. Prerequisites: INE 300. Graded on satisfactory/unsatisfactory basis. Winter term, senior year.

INEC 400 International/Intercultural Internship in Education  
4 hours credit  
Full-time study during winter term, active participation in a classroom setting and travel under the supervision of a college professor. Special emphasis is given to multicultural experiences. This internship counts as an intercultural course. Expenses are separate from regular tuition. Prerequisites: Consent of the Education Department, and admission to the teacher education program. Graded on a satisfactory/unsatisfactory basis. Winter term junior or senior year.

Elementary Education

EDE 300 Topics in Elementary Education  
1-3 hours credit  
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 vice president for academic affairs.

EDE 336 Science and Teaching I  
3 hours credit  
The first of two semester courses to be taken by elementary education majors. The two-semester courses will emphasize content and methods for biology, earth science and physics. The curriculum for the course will match the K-6 Science Education Proficiencies for the state of Indiana as well as the Next Generation Science Standards. The science teaching methodology emphasizes hands-on experiences, inquiry and practice. Course Fee: $20. Taken concurrently with EFE 384, EDE 344, EDE 365, and MAT 323. Prerequisites: BIO 114, 2.50 GPA (A=4.00) and admission to the teacher education program. Fall, junior year.

EDE 337 Science and Teaching II  
3 hours credit  
Continuation of EDE 336, this course will expand on the natural science curriculum and methodology for elementary education majors. The curriculum for the course will match the K-6 Science Education Proficiencies for the state of Indiana as well as the Next Generation Science Standards. The science teaching methodology emphasizes hands-on experiences, inquiry and practice. Taken concurrently with EDE 345, EDE 366, MAT 324, and EFE 385. Prerequisites: 2.50 GPA (A=4.00), EDE 336, and admission to the teacher education program. Spring, junior year.
EDE 344 Teaching and Learning Literacy I  
4 hours credit  
The first of two courses, this course is National Reading Panel and SBRR focused. An introduction to effective methods and materials used to teach reading, writing, listening, speaking, and viewing to a diverse community of learners in the elementary schools. Course emphasis is on the foundations of reading, phonemic awareness and phonics, emergent and developmental literacy processes, as well as the role of the teacher as a knowledgeable decision-maker in instruction. Course topics include direct, explicit, and multi-sensory interventions and extensions as well as assessment and progress monitoring of the key reading skills learners must acquire in order to achieve reading success. Taken concurrently with EFE 384, EDE 365, MAT 323 and EDE 336. Prerequisites: 2.50 GPA (A=4.00) and admission to the teacher education program. Fall, junior year.

EDE 345 Teaching and Learning Literacy II  
4 hours credit  
This course is a continuation course of EDE 344. It is National Reading Panel and SBRR focused. Course emphasis is on fluency, vocabulary, and comprehension of text, as well as the teacher as a knowledgeable leader in all areas of reading instruction, including direct, explicit, and multi-sensory interventions and extensions as well as assessment and progress monitoring of all learners including those with developing and Limited English Proficiencies (ENL). Taken concurrently with EFE 385, EDE 366, MAT 324, and EDE 337. Prerequisites: 2.50 GPA (A=4.00), EDE 344, and admission to the teacher education program. Spring, junior year.

EDE 365 Mathematics Methods for Elementary Teachers I  
2 hours credit  
This course complements the material and learning approaches within MAT 323. Topics include: curriculum and instruction, equity, number sense, basic mathematical operations, data analysis, and tools for teaching mathematics in the elementary classroom. Emphasis is on alternative assessment techniques, NCTM standards, problem-solving skills, use of manipulatives, and the development of a student-centered learning environment that integrates with other subjects in the curriculum as well as the child’s real world. Taken concurrently with EFE 384, MAT 323, EDE 344, and EDE 336. Prerequisite 2.50 GPA (A=4.00) and admission to teacher education program. Fall of junior year.

EDE 366 Mathematics Methods for Elementary Teachers II  
2 hours credit  
This course is a continuation for EDE 365 and complements the material and learning approaches within MAT 324. Topics include: curriculum and instruction, equity, number sense, measurement, geometry, data analysis, and tools for teaching mathematics in the elementary classroom. Emphasis is on alternative assessment techniques, NCTM standards, problem-solving skills, use of manipulatives, and the development of a student-centered learning environment that integrates with other subjects in the curriculum as well as the child’s real world. Taken concurrently with EFE 385, MAT 324, EDE 345, and EDE 337. Prerequisite 2.50 GPA (A=4.00), EDE 365 and admission to teacher education program. Spring of junior year.

EDE 444 Methods of Teaching Elementary Social Studies  
2 hours credit  
This course focuses on instructional methods, subject matter, and curricular planning for teaching social studies in the elementary schools, grades K-6 focusing on the social studies disciplines of history, economics, geography, and civics/government. Includes a focus on strategies for developing skills, concepts, and values plus ethnic and cultural awareness. Prerequisites: 2.50 GPA (A=4.00) and admission to teacher education program. Fall, junior year.

EDE 456 Professional Development  
1 hour credit  
This course helps senior level Education majors develop the knowledge and skills needed to shift from the role of a college student to a beginning professional. The portfolio requirement necessary for graduation will be met in this course. Same as EDS 456. Taken concurrently with EST 489. Prerequisites: 2.50 GPA (A=4.00) and admission to student teaching program. Spring, senior year.
EDE 457 Effective Methods for Assessment and Evaluation  2 hours credit
This course explores current issues and trends concerning educational assessment and evaluation at the local, state and national level. Topics may include: grading, authentic assessment strategies, teacher evaluations, and standardized testing.  Taken concurrently with EDU 315, EDU 443, EDE 499, EFE 484, PED 322, and FNA 420.  Prerequisites: 2.50 GPA (A=4.00) and admission to the teacher education program.  Fall, senior year.

EDE 499 Senior Education State Competency Practicum  no credit
Satisfactory completion of all content exams required by the State of Indiana to be licensed in Elementary Education.  Scores are established by the State of Indiana, accepted by the Franklin College education department, and are subject to change annually.  Passing scores are required to be on file with the Franklin College education department prior to the beginning of the spring semester of student teaching.  Graduation and licensure requirement.  Fall, senior year.

EFE 284 Field Experience in Elementary Education  1 hour credit
Active participation in an elementary classroom one full day each week across 12 weeks. Special emphasis is given to the performance of general teaching and management principles.  Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet and the Teacher Education Program Handbook.  Course Fee: $15.  Taken concurrently with EDU 225, EDU 227 and EDP 222.  Prerequisites: 2.25 GPA (A=4.00) and EDU 124, EDU 222, EDU 223 and INE 200.  Graded on a satisfactory/unsatisfactory basis.  Spring, sophomore year.

EFE 384 Field Experience in Elementary Education  1 hour credit
Active participation in an elementary classroom one full day each week across 12 weeks. Special emphasis is given to the performance of planning and implementing sound teaching/learning activities for elementary school learners. Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet and the Teacher Education Program Handbook. Course Fee: $15.  Taken concurrently with EDE 344, MAT 323, EDE 365, and EDE 336.  Prerequisites: 2.5 GPA (A=4.00), EDU 124, EDU 222, EDU 223, EDU 225, EDU 227, EDP 222, INE 200, and admission to the teacher education program.  Graded on satisfactory/unsatisfactory basis.  Fall, junior year.

EFE 385 Field Experience in Elementary Education  1 hour credit
Active participation in an elementary classroom one full day each week across 12 weeks. Higher level of performance required in planning and implementing sound teaching/learning activities for elementary school learners. Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet and the Teacher Education Program Handbook. Placement is in a multicultural or at-risk population school. Course Fee: $15.  Taken concurrently with EDE 345, EDE 366, MAT 324 and EDU 337.  Prerequisites: 2.5 GPA (A=4.00), EDE 344, MAT 323, EDE 365, EDE 336, and admission to the teacher education program.  Graded on satisfactory/unsatisfactory basis.  Spring, junior year.

EFE 484 Field Experience in Elementary Education  1 hour credit
Active participation in an elementary classroom one full day each week across 12 weeks. Provides an opportunity to become familiar with the total school environment in order to perform teaching and decision-making skills and to plan and teach interdisciplinary lessons and units using technology. Emphasis is on integrating these content areas. Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet and the Teacher Education Program Handbook. Course Fee: $15.  Taken concurrently with EDE 457, EDU 443, EDE 499, EDU 315 FNA 420, and PED 322.  Prerequisites: 2.50 GPA(A=4.00) and admission to student teaching program.  Graded on satisfactory/unsatisfactory basis.  Fall, senior year.
EST 489 Student Teaching in the Elementary Classroom  
11 hours credit
Classroom teaching and other activities under the guidance of the cooperating teacher, the college supervisor and coordinator of field experiences. The 10-week experience will provide the capstone experience and will focus upon an appropriate broad, integrated, and multi-disciplinary approach to teaching. The FACT Project (Franklin’s Assessment of Candidate Teaching) will be completed during the student teaching experience to measure impact on student learning. Satisfactory performance is demonstrated by a grade of C or better and is required prior to approval for graduation. Course Fee: $125. Taken concurrently with EDE 456. Prerequisites: 2.50 GPA (A=4.00), admission to student teaching program, successful completion of all content and pedagogy exams required for licensure, and completion of all coursework. Spring, senior year.

FNA 420 Fine Arts for Elementary Teachers  
4 hours credit
This course provides prospective elementary teachers a practical working knowledge of various fine arts activities to assist them in discovering ways to integrate the fine arts into all facets of the school curriculum. Special emphasis will be placed on using fine arts activities to explore content in other disciplines. Taken concurrently with EFE 484, EDU 443, EDE 457, EDE 499, EDU 315, and PED 322. Prerequisites: 2.50 GPA (A=4.00) and admission to student teaching program. Fall, senior year.

GEO 220 Human World Geography  
3 hours credit
This course explores the nature of human social behaviors through the study of “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 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). Satisfies social sciences and intercultural exploratory requirements. Fall and spring.

MAT 323 Mathematics for Elementary Teaching I  
2 hours credit
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. Prerequisite: LA 103. Taken concurrently with EFE 384, EDE 344, EDE 365, and EDE 336. Additional prerequisite: 2.50 GPA (A = 4.0) and admission to the teacher education program. Fall, junior year.

MAT 324 Mathematics for Elementary Teaching II  
2 hours credit
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. Prerequisite: MAT 323. Taken concurrently with EFE 385, EDE 345, EDE 366, and EDE 337. Additional prerequisite: 2.50 GPA and admission to the teacher education program. Spring, junior year.

PED 322 Methods of Teaching Physical Education and Health  
3 hours credit
For the Elementary Classroom Teacher
The contents of this course focus on the unique contributions of health and physical education as they relate to the total development of the elementary child. Methods, materials, management, motivational, and evaluation techniques for elementary children will be covered. Taken concurrently with EFE 484. Fall, senior year.
Secondary Education

EDS 300 Topics in Secondary Education 1-3 hours credit
A topic of current interest in secondary 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 vice president for academic affairs.

EDS 326 Instructional Strategies I 1 hour credit
The first of two semester courses in developing instructional strategies for grades 5-12 pre-service teachers. The primary focus is meeting the multiple needs of learners while continuing to develop skills related to lesson planning that meet state and national standards. Taken concurrently with SFE 384. Prerequisites: 2.50 GPA (A=4.00) and admission to the teacher education program. Fall, junior year.

EDS 327 Instructional Strategies II 3 hours credit
The second of two semester courses in developing instructional strategies for grades 5-12 pre-service teachers. While continuing with the development of skills related to lesson planning that meet state and national standards, emphasis is placed on teaching skills and strategies that develop critical thinking skills in learners and on the development of integrated curriculum approaches. Problem solving, investigation, experimental inquiry, decision-making, and meeting the needs of diverse learners will be discussed. In addition, other topics emphasized will be teaming, integration of disciplines, multiple intelligences, multicultural education, learning styles, collaborative learning, and Bloom’s taxonomy. Creating appropriate assessments as well as classroom management and environment are also integral elements of the course. Taken concurrently with EDU 315, SFE 385. Prerequisites: 2.50 GPA (A=4.0), EDS 326, SFE 384, and admission to the teacher education program. Spring, junior year.

EDS 422 Teaching Reading in Content Areas 2 hours credit
Designed to model creative strategies to promote reading comprehension, vocabulary development, and study skills in the various content areas for students in grades 5-12. Through an emphasis on SBRR focused methods and materials, students learn to apply, combine, and adapt instructional strategies that will accommodate the learning styles and special needs of a diverse classroom. Prerequisites: 2.50 GPA (A=4.00) and admission to teacher education program. Spring, junior year.

EDS 456 Professional Development 1 hour credit
A course designed to help senior level Education majors develop the knowledge and skills needed to shift from the role of a college student to a beginning professional. The portfolio requirement necessary for graduation will be met in this course. Same as EDE 456. Taken concurrently with SST 489. Prerequisites: 2.50 GPA (A=4.00) and admission to student teaching program. Spring, senior year.

EDS 457 Effective Methods for Assessment and Evaluation 2 hours credit
This course explores current issues and trends concerning educational assessment and evaluation at the local, state and national level. Topics may include: grading, authentic assessment strategies, teacher evaluations, and standardized testing. Taken concurrently with SFE 484, EDU 443, EDS 459, and EDS 499. Prerequisites: 2.50 GPA (A=4.00) and admission to the teacher education program. Fall, senior year.

EDS 459 Methods of Teaching Middle and High School Content Areas 2 hours credit
Special methods for teaching middle and high school content areas. An examination of materials and other resources appropriate both to the discipline and selected grade 5-12 curricular areas. Taken concurrently with SFE 484. Prerequisites: 2.50 GPA (A=4.00), EDS 327, SFE 385, and admission to the teacher education program. Fall, senior year.
EDS 499 Senior Education State Competency Practicum  no credit
Satisfactory completion of all content exams required by the State of Indiana to be licensed in the student’s content major. Scores are established by the State of Indiana, accepted by the Franklin College education department, and are subject to change annually. Passing scores are required to be on file with the Franklin College education department prior to the beginning of the fall semester of the student teaching year. Graduation and licensure requirement. Fall, senior year.

SFE 284 Field Experience in Middle or High School Education  1 hour credit
Active participation in a middle/high school classroom one full day each week across 12 weeks. Special emphasis is given to the performance of general teaching and management principles. Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet and the Teacher Education Program Handbook. Course Fee: $15. Taken concurrently with EDU 225, EDU 227 and EDP 222. Prerequisites: 2.25 GPA (A=4.00) and EDU 124, EDU 222, EDU 223 and INE 200. Graded on a satisfactory/unsatisfactory basis. Spring, sophomore year.

SFE 384 Field Experience in Middle or High School Education  1 hour credit
Active participation in a middle/high school classroom one full day each week across 12 weeks. Special emphasis is given to the performance of specific instructional strategies. Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet and the Teacher Education Program Handbook. Course Fee: $15. Taken concurrently with EDS 326. Prerequisites: 2.5 GPA (A=4.00), SFE 284, INE 200, EDU 124, EDP 222, EDU 222, EDU 223, EDU 225, EDU 227 and admission to teacher education program. Graded on satisfactory/unsatisfactory basis. Fall, junior year.

SFE 385 Field Experience in Middle or High School Education  1 hour credit
Active participation in a middle/high school classroom one full day each week across 12 weeks. Emphasis on advanced instructional strategies. Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet and the Teacher Education Program Handbook. Taken concurrently with EDS 327, EDU 315. Course Fee: $15. Prerequisites: 2.5 GPA (A=4.00), EDS 326, SFE 384, and admission to teacher education program. Graded on satisfactory/unsatisfactory basis. Spring, junior year.

SFE 484 Field Experience in Middle or High School Education  1 hour credit
Active participation in a middle/high school classroom one full day each week across 12 weeks in the student teaching site. Provides an opportunity to become familiar with the total school environment in order to perform teaching and decision-making skills. Students participating in a field experience in education are to display the professional dispositions of a competent, caring decision maker as outlined in the Field Information Packet, Field Course Requirement Packet and the Teacher Education Program Handbook. Course Fee: $15. Taken concurrently with EDS 459 and EDU 443. Prerequisites: 2.50 GPA (A=4.00) and admission to the student teaching program. Graded on satisfactory/unsatisfactory basis. Fall, senior year.

SST 489 Student Teaching in the Middle or High School Classroom  11 hours credit
Classroom teaching and other activities under the guidance of the cooperating teacher, college supervisor, and coordinator of field experiences. The 10-week experience will provide the capstone experience and will focus upon an appropriate broad, integrated, and multi-disciplinary approach to teaching. The FACT Project (Franklin’s Assessment of Candidate Teaching) will be completed during the student teaching experience to measure impact on student learning. Satisfactory performance is demonstrated by a grade of ‘C’ or better and is required prior to approval for graduation. Course Fee: $125. Taken concurrently with EDS 456, Prerequisites: 2.50 GPA (A=4.00), admission to student teaching program, successful completion of all content and pedagogy exams required for licensure, and completion of all coursework except concurrent courses. Spring, senior year.
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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 121</td>
<td>General Chemistry I</td>
<td>MAT 182</td>
<td>Discrete Mathematics II</td>
</tr>
<tr>
<td>CMP 142</td>
<td>Computing II</td>
<td>PHL 220*</td>
<td>Principles of Ethics*</td>
</tr>
<tr>
<td>ECO 115**</td>
<td>Principles of Economics**</td>
<td>PHY 211/203</td>
<td>General Physics I &amp; Lab</td>
</tr>
<tr>
<td>MAT 181</td>
<td>Discrete Mathematics I</td>
<td>PHY 212/204</td>
<td>General Physics II &amp; Lab</td>
</tr>
</tbody>
</table>

**Electrical Engineering**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 121</td>
<td>General Chemistry I</td>
<td>PHL 220*</td>
<td>Principles of Ethics*</td>
</tr>
<tr>
<td>CMP 142</td>
<td>Computing II</td>
<td>PHY 211/203</td>
<td>General Physics I &amp; Lab</td>
</tr>
<tr>
<td>ECO 115**</td>
<td>Principles of Economics**</td>
<td>PHY 212/204</td>
<td>General Physics II &amp; Lab</td>
</tr>
</tbody>
</table>

**Mechanical Engineering**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE 121</td>
<td>General Chemistry I</td>
<td>PHY 211/203</td>
<td>General Physics I &amp; Lab</td>
</tr>
<tr>
<td>ECO 115**</td>
<td>Principles of Economics**</td>
<td>PHY 212/204</td>
<td>General Physics II &amp; Lab</td>
</tr>
<tr>
<td>PHL 220*</td>
<td>Principles of Ethics*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* PHL 220 (Principles of Ethics) satisfies the Philosophy & Religion exploratory requirement at Franklin College as well as ECE 401 (Ethics) at IUPUI.

**ECO 115 (Principles of Economics) satisfies the Social Science 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 “12 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.
- INT 261/SNT 489 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](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 Associate Registrar in the Academic Records Office.
ENGLISH AND CREATIVE WRITING

Department: English  
Department Chair: S. Crisafulli  
Department Members: D. Brailow, K. Burpo, C. Buchen, S. Comiskey,  
S. Crisafulli, R. Erable, M. Maloney-Mangold, G. Phillips, J. Smith

Major: Creative Writing, English  
Minors: Creative Writing, English

The Creative Writing and English 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, film, 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
English majors must earn a C or better in ENG 200 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 200 Introduction to Literary Studies (substitutes for LA 201)
- ENG 210 Intro to Literary Research
- ENG 315 Humanities and the Liberal Arts
- ENG 333 Shakespeare
- ENG 499 Senior Competency Practicum

Plus ONE from each of the following categories:

Category A: Literature Before 1800
- ENG 308 Old and Medieval Literature
- ENG 309 Early Modern British Literature
- ENG 311 Brit. Lit. of the Enlightenment
- ENG 355 Early American Literature

Category B: Nineteenth- and Twentieth-Century Literature
- ENG 312 Romantic and Victorian Lit.
- ENG 314 Modern British Literature
- ENG 356 American Realism
- ENG 357 American Modernism

Category C: Contemporary, World, and Minority Literature
- ENG 358 American Minority Literature
- ENG 360 Contemporary American Literature
- ENG 361 Global Literature

PLUS:
English majors are required to take additional ENG course work at the 200 level or higher to reach the required minimum 30 hours beyond the 100-level courses. Students may 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 480 Internship Practicum

Plus ONE of the following
- ENG 482 English Practicum (approved as a PDP experience for 2 hours credit)
- 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). All related field requirements must be completed with a grade of C- or better.
Creative Writing Major

Note for students majoring in both Creative Writing and English: of the courses that make up the Creative Writing major, only ENG 200, ENG 210, and the nine additional credit hours at the 200-level or higher may be applied to the English major.

Creative Writing majors must earn a C or better in CWR 150, ENG 200, and ENG 210. They must earn a C- or better in all other CWR, ENG, and prerequisite courses.

Core Requirements:
- CWR 150 Intro. to Creative Writing
- CWR 270 Fiction I
- CWR 280 Poetry I
- CWR 390 Memoir Writing
- CWR 499 Senior Competency Practicum
- ENG 200 Introduction to Literary Studies
- ENG 210 Intro. to Literary Research
- ENG 312 Romantic & Victorian Literature
- ENG 360 Contemporary American Lit.
- THE 245 Playwriting

Plus ONE of the following:
- CWR 370 Fiction II
- CWR 380 Poetry II

PLUS:
Creative Writing majors are required to take nine additional credit hours of CWR and/or ENG course work at the 200-level or higher to reach the required minimum 35 hours beyond 100-level courses.

Professional Development Requirements:
- CWR 480 Internship Practicum

Plus ONE of the following:
- 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 (19 hours)
English minors must earn a C or better in ENG 200 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 200 Introduction to Literary Studies
ENG 118 World Literature II  ENG 210 Intro. to Literary Research

PLUS
An additional 6 hours of ENG course work at the 200-level or higher.

Creative Writing Minor
Creative Writing minors must earn a C or better in CWR 150 and ENG 200. They must earn a C- or better in all other ENG and prerequisite courses.

Core Requirements:
CWR 150 Intro. to Creative Writing  ENG 200 Introduction to Literary Studies

Plus THREE of the following:
CWR 270 Fiction I  CWR 380 Poetry II
CWR 280 Poetry I  CWR 390 Memoir Writing
CWR 370 Fiction II  THE 245 Playwriting

Plus ONE of the following:
ENG 312 Romantic and Victorian Lit.  ENG 357 American Modernism
ENG 314 Modern British Literature  ENG 360 Contemporary American Lit.

Of these courses, only ENG 200 may be applied to the English major.
English Course Descriptions

ENG 080  Basic Writing                          3 hours credit**
A developmental course that provides instruction in writing skills, such as grammar, punctuation, spelling, vocabulary, and organization. Prerequisite: placement by admissions or recommendation of the English department. This course does not satisfy the liberal arts core reading and writing requirement. Students in ENG 080 must earn a C- or better to enroll in LA 101 in a subsequent semester. Fall.

**Note: These credits do not count toward the minimum 120 semester hours required for graduation. Furthermore, the grade earned in this course is not calculated into the student’s semester or cumulative GPA.

ENG 117  World Literature I                            4 hours credit
Reading and analysis of selected major literary works from ancient times through the Renaissance. Satisfies intercultural exploratory requirement. Concurrent or prior enrollment in LA 101 recommended but not required. Fall.

ENG 118  World Literature II                           4 hours credit
Reading and analysis of selected major literary works from around the world from the 17th century to the present. Satisfies intercultural exploratory requirement. Concurrent or prior enrollment in LA 101 recommended but not required. Spring.

ENG 200  Introduction to Literary Studies          4 hours credit
An introductory study of the interrelationship of form and meaning in poetry and fiction. Emphasis will be on understanding literary terminology and on developing skills of literary analysis through discussion and writing. Prerequisite: a grade of C- or above in LA 101 or equivalent; sophomore standing or consent of instructor. Students may substitute ENG 200 for LA 201, but may not substitute LA 201 for ENG 200. Students should be aware that even though ENG 200 may substitute for LA 201, ENG 200 has more requirements and therefore students may find the course to be more rigorous. (English majors and minors must complete the course with a C or better. Note that the minimum grade required for ENG 200 is different from other courses in the major.) Fall, preferably sophomore year.

ENG 210  Introduction to Literary Research           1 hour credit
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. Spring, preferably sophomore year.

ENG 227  The English Language                           3 hours credit
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. Prerequisite: sophomore standing. Fall, even academic years.

ENG 240  Introduction to Canadian Fiction                3 hours credit
A study of 6-8 novels and stories written by Canadian men and women who have explored the meaning of the Canadian experience, particularly in the 20th century. French-Canadian literature will be read in translation. Same as CAN 240. Satisfies international exploratory requirement. Prerequisite: LA 201 or ENG 200 or consent of instructor. Spring, even academic years.

ENG 290  Film Studies             3 hours credit
An application of contemporary critical theory to the study of individual films and an examination of how film reflects the aesthetic and philosophic dimensions of modern culture. Satisfies fine arts exploratory requirement. Prerequisite: LA 101. Fall, even academic years.
ENG 300  Topics in English  3 hours credit  
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 for academic affairs.

ENG 308 Old and Medieval Literature  3 hours credit  
A broad overview of English literature from its Anglo-Saxon beginnings through the fifteenth century. Prerequisites: ENG 117 and a grade of C or higher in ENG 200. Spring, odd academic years.

ENG 309 Early Modern British Literature  3 hours credit  
A broad overview of British Renaissance literature from the sixteenth century through the seventeenth century. Prerequisites: ENG 117 and a grade of C or higher in ENG 200. Spring, even academic years.

ENG 311 British Literature of the Enlightenment  3 hours credit  
A study of major British literary works from the Restoration to the 18th century, especially the efforts of several major British authors to assimilate classical and Christian values in the epic and in satirical poetry and prose fiction, the emergence of the modern novel, and some important developments in the tradition of comic theatre. Prerequisites: ENG 118 and a grade of C or higher in ENG 200. Fall, even academic years.

ENG 312 Romantic and Victorian Literature  3 hours credit  
A study of selected works from the Romantic and Victorian 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 philosophical concerns and form. Prerequisites: ENG 118 and a grade of C or higher in ENG 200. Fall, even academic years.

ENG 314 Modern British Literature  3 hours credit  
A close examination of some of the most significant and innovative literature to come out of the British Isles from 1910 to 1970. 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. Prerequisites: ENG 118 and a grade of C or higher in ENG 200. Spring, odd academic years.

ENG 315 Humanities and the Liberal Arts  3 hours credit  
A study of the interaction between the humanities and the liberal arts. Focus will be on students integrating an understanding of their respective majors with their knowledge of the liberal arts, paying particular attention to the role both play in society. Satisfies LA 315 Liberal Arts Capstone. Prerequisites: all 100- and 200-level LA-prefix courses. Spring.

ENG 328 Advanced Composition  3 hours credit  
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. Prerequisite: LA 101 and LA 201 or ENG 200 or equivalents. Fall, odd academic years.

ENG 333 Shakespeare  4 hours credit  
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. Prerequisite: ENG 117 or THE 125. Spring.

ENG 355 Early American Literature  3 hours credit  
An examination of American literature from its beginnings and through the American Renaissance, concentrating on the Transcendentalist and Romantic movements. Prerequisites: ENG 117 or ENG 118, and a grade of C or higher in ENG 200. Fall, odd academic years.
ENG 356  American Realism  3 hours credit
A study of the literary period from the Civil War to 1912, a time that saw the rise of Realism and Naturalism in reaction to Romanticism. Prerequisites: ENG 118 and a grade of C or higher in ENG 200. Spring, odd academic years.

ENG 357  American Modernism  3 hours credit
A study of American literature from 1912 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. Prerequisites: ENG 118 and a grade of C or higher in ENG 200. Spring, even academic years.

ENG 358  American Minority Literature  3 hours credit
An examination of minority voices in American Literature. Satisfies intercultural exploratory requirement. Prerequisites: ENG 118 and a grade of C or better in ENG 200. Spring, odd academic years.

ENG 360  Contemporary American Literature  3 hours credit
An examination of important works representing artistic and thematic trends in post-World War II American literature. Prerequisites: ENG 118 and a grade of C or higher in ENG 200. Spring, odd academic years.

ENG 361  Global Literature  3 hours credit
Reading and analysis of selected literary works from a particular region of the globe. Satisfies international exploratory requirement. Prerequisite: ENG 200 or LA 201. Fall, even academic years.

ENG 375  Dramatic Literature I  3 hours credit
Reading and analysis of selected significant plays from ancient times through the Renaissance. Same as THE 375. Satisfies intercultural exploratory requirement. Prerequisite: ENG 117, THE 110, or THE 125 or consent of the instructor. Fall, odd academic years.

ENG 376  Dramatic Literature II  3 hours credit
Reading and analysis of selected significant plays from around the world from the 17th century to the present. Same as THE 376. Satisfies intercultural exploratory requirement. Prerequisite: ENG 118, THE 110, or THE 125 or consent of the instructor. Spring, odd academic years.

ENG 480  Internship Practicum  1 hour credit
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 480. Co-requisite: SNT 489, ENG 482, or CWR 482. Fall, junior year.

ENG 482  English Practicum  2-4 hours credit
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 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 English Department approval of their proposal.

ENG 490  Independent Study  1-2 hours credit
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. Offered with consent of instructor.

ENG 499  Senior Competency Practicum  no credit
Students in English take the two-hour multiple-choice Educational Testing Service Major Field Test: Literature in English, which counts for one-fourth of their grade. Students also take a three-hour written test on selected work(s) from a departmental list prepared each semester; this written test counts for three-fourths of their grade. The grade students earn on the comprehensive exam will appear on their transcript but will not be included in their GPA. Fall or Spring, senior year.
SNR/SNT 489 Professional Development Experience in English 2-4 hours credit
A professional development experience related to the field of English that calls upon skills in critical thinking, writing, reading, and analysis. Pass-Fail. Prerequisite: junior or senior standing and a professional development experience proposal approved by the English department. Fall, Winter, Spring, or Summer.

Creative Writing Course Descriptions

**CWR 110 Journal Editing** 1 hour credit
An introduction to the process of editing a literary magazine, including the selection process, advertising, and editing. First part of a two-semester sequence. *Concurrent or prior enrollment in LA 101 recommended but not required.* Fall.

**CWR 111 Journal Publishing** 1 hour credit
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 print product. Second part of a two-semester sequence. *Concurrent or prior enrollment in LA 101 recommended but not required.* Spring.

**CWR 150 Introduction to Creative Writing** 3 hours credit
An introduction to the techniques of writing well-crafted fiction and poetry. Attention will be given to developing a distinctive voice and refining a personal vision through the medium of creative writing. Satisfies fine arts exploratory requirement. *Concurrent or prior enrollment in LA 101 recommended but not required.* Fall.

**CWR 270 Fiction I** 3 hours credit
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. *Prerequisite: CWR 150.* Spring, even academic years.

**CWR 280 Poetry I** 3 hours credit
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. *Prerequisite: CWR 150.* Spring, odd academic years.

**CWR 370 Fiction II** 3 hours credit
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. *Prerequisites: CWR 270 and a grade of C or higher in ENG 200.* Spring, even academic years.

**CWR 380 Poetry II** 3 hours credit
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. *Prerequisites: CWR 280 and a grade of C or higher in ENG 200.* Spring, odd academic years.

**CWR 390 Memoir Writing** 3 hours credit
A creative writing workshop in memoir. There will be extensive reading and writing in the genre, with an emphasis on craft, form, and peer critique. *Prerequisite: CWR 150 and a grade of C or higher in ENG 200 or consent of the instructor.* Fall, even academic years.

**CWR 480 Internship Practicum** 1 hour credit
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 480. *Co-requisite: SNT 489, ENG 482, or CWR 482.* Fall, junior year.
CWR 482  Creative Writing Practicum  2-4 hours credit
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 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 English Department approval of their proposal.

CWR 490  Independent Study  1-2 hours credit
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. Offered with consent of instructor.

CWR 499  Senior Competency Practicum  no credit
Students in creative writing produce thirty pages of polished writing, 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 hours credit
A professional development experience related to the field of creative writing that calls upon skills in critical thinking, writing, reading, and analysis. Pass-Fail. Prerequisite: junior or senior standing and a professional development experience proposal approved by the English department. Fall, Winter, Spring, or Summer.
EXERCISE SCIENCE

Department: Kinesiology
Department Chair: K. Eiler
Department Members: M. Britner, K. Eiler, S. Gaven, K. Noerr, K. Remsburg

Major: Exercise Science
Minor: Fitness

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:

To be considered for admission to the Exercise Science Program, students must meet the minimum standards. These standards must be met at the time of the application process. 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 by official letter. Candidates will be asked to return a signed letter of acceptance or send e-mail notification confirming continuation through the Exercise Science Program. The maximum number of students accepted into the program each 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 the course 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 also 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.

3. Complete at least one job observation within the health field for a minimum of two hours per experience
   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 submitted as part of the application materials. Students will be expected to answer questions regarding the job observation during the interview.

4. Submit an application, resume and personal statement
   a. As part of the process for acceptance into the program, each candidate will submit an application form, up-to-date resume and personal statement. Professionalism and written communication skills 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) needed to become a strong professional in the health field
   a. Upon receipt and review of all application materials (application, resume, personal statement and job observation documentation forms), candidates who submit all proper documentation 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) 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. 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. Receive at least the minimum grade in either BIO 110 or BIO 115 needed to progress into BIO 120/120L
   a. In order to adhere to the Exercise Science Program sequencing and graduate within 4 years, transfer and 2nd year students will need to have completed BIO 110 or BIO 115 to progress to BIO 120/120L. Upper level Exercise Science courses require these courses as pre-requisites.

3. Receive a grade of ‘C-’ or higher in BIO 120/120L
   a. If taking the course during the application period, admission into the Exercise Science Program is contingent on a grade of ‘C-’ or higher at the end of the course.

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

**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 each 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 semester, students will need to 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 removed 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 325), 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 is unable to improve the grade, 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.

Exercise Science Program Engaged Learning

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:

<table>
<thead>
<tr>
<th>Type of Expense</th>
<th>Expected Time of Expense</th>
<th>Approximate Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>TB test*</td>
<td>If required by specific engaged learning sites, typically hospital settings</td>
<td>$5 - $50</td>
</tr>
<tr>
<td>Professional attire</td>
<td>During entire program</td>
<td>Varies</td>
</tr>
<tr>
<td>Background check*</td>
<td>If required by specific engaged learning sites, typically school systems</td>
<td>$7 - 25</td>
</tr>
<tr>
<td>Transportation to off-campus engaged learning sites</td>
<td>During entire program</td>
<td>Varies</td>
</tr>
<tr>
<td>First Aid and CPR recertification</td>
<td>Bi-annually for CPR and First Aid</td>
<td>$20 for each certification</td>
</tr>
<tr>
<td>Exercise Science basic clinical equipment:</td>
<td>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.</td>
<td>$110-175</td>
</tr>
<tr>
<td>stethoscope, sphygmomanometer, pedometer, tape measure, heart rate monitor, and skinfold caliper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NSCA CSCS or ACSM EP-C certification examination*</td>
<td>Spring of graduation year</td>
<td>NSCA $260-445, ACSM $219-279</td>
</tr>
</tbody>
</table>

*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.

Core Requirements:
- EXE 119 Concepts of Wellness
- EXE 208 Basic Principles of Nutrition
- EXE 221 Cont Issues in Health & Wellness
- EXE 222 First Aid/CPR/AED for Prof Res
- EXE 234 Introduction to Exercise Science
- EXE 244 Intro Strength & Condition Mthd
- EXE 325 Exer Prescrip for Special Popul
- EXE 341 Org./Adm. Health Programs
- EXE 372 Exercise Physiology
- EXE 221 Cont Issues in Health & Wellness
- EXE 372L Exercise Physiology Lab
- EXE 375 Exercise Testing/Prescription
- EXE 382 Motor Learning
- EXE 385 Sport Psychology
- EXE 387 Biomechanics
- EXE 387L Biomechanics Lab
- EXE 401 Research Methods I
- EXE 402 Research Methods II
- EXE 499 Senior Competency Practicum

Professional Development Requirements:
- PDP 200 Preparing for Internship
- EXE 489 Professional Development Experience
- EXE 498 Prof Development Portfolio

Related Field Requirements:
- BIO 120 Human Anatomy & Physiology II
- MAT 224 Basic Applied Statistics
- BIO 120L Human Anat & Phys II Lab

Fitness Minor

Core Requirements:
- EXE 119 Concepts of Wellness
- EXE 208 Basic Principles of Nutrition
- EXE 244 Intro to Strength & Cond Mthd
- EXE 372 Exercise Physiology
- EXE 372L Exercise Physiology Lab
- EXE 375 Exercise Testing & Prescription

Plus ONE of the Following:
- EXE 480 Fitness Internship
- EXE 483 Fitness Practicum

Related Course Requirements:
- BIO 120 Human Anatomy & Physiology II
- BIO 120L Human Anatomy & Physiology II Lab
Exercise Science Course Descriptions

**EXE 119 Concepts of Wellness**  3 hours credit
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. Fall and spring.

**EXE 208 Basic Principles of Nutrition**  2 hours credit
This course is an introduction to nutrition, including the nutritive value of foods, factors influencing body food requirements, their importance in promoting health and preventing disease. The course will also address body processes and their relation to total nutrition. Nutritional requirements throughout the human life cycle and the application of nutrition requirements will be discussed. The course will also examine current recommendations for Americans and topics of current interest. Spring.

**EXE 221 Contemporary Issues in Health and Wellness**  3 hours credit
This course provides a up-to-date examination of current trends 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. Prerequisite: Admittance to the Exercise Science program or Education program. Spring.

**EXE 222 First Aid and CPR/AED for the Professional Rescuer**  2 hours credit
The course is designed with the purpose of handling all types of emergency first aid and CPR situations encountered in everyday living. American Red Cross certification in community first aid, CPR for the professional rescuer, and AED is available upon successful completion of the course. Course Fee: $40. Fall and spring.

**EXE 234 Introduction to Exercise Science**  2 hours credit
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. Fall and spring.

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

**EXE 325 Exercise Prescription for Special Populations**  3 credit hours
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. Prerequisites: BIO110 or 115; BIO 120/120L; EXE 234, 372, and 375. Fall.

**EXE 341 Organization & Administration in Exercise Science**  3 hours credit
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 responsibility necessary to function as a professional in exercise science related fields. Same as PED 341. Prerequisite: Admittance to the Exercise Science program. Fall.
EXE 372 Exercise Physiology
3 hours credit
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. Prerequisites: BIO 110 or BIO 115 and BIO 120/120L and admittance into the Exercise Science, Athletic Training or Education program or consent of instructor. Fall.

EXE 372L Exercise Physiology Lab
0 hours credit
Lab component to EXE 372 Exercise Physiology. This lab must be taken concurrently with EXE 372. Same as BIO 372L. Fall

EXE 375 Exercise Testing and Prescription
3 hours credit
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. Prerequisites: BIO 110 or BIO 115, BIO 120/120L; EXE 119, 222, and 372. Spring.

EXE 382 Motor Learning
3 credit hours
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. Prerequisites: BIO110 or115 and BIO 120/120L; EXE 234, 372. Spring.

EXE 385 Sport and Exercise Psychology
3 credit hours
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. Prerequisites: PSY 117 and admittance to the Exercise Science program. Fall.

EXE 387 Biomechanics
3 hours credit
The course will provide the student with a mechanical examination of the motion of the human body. Application of anatomical, physiological, and mechanical data will be used to explain and predict movements of the body to improve technique or prevent injury. A laboratory experience is integrated into class sessions. Must be taken concurrently with EXE 387L. Same as BIO 387. Prerequisites: BIO 110 or BIO 115, BIO 120/120L; EXE 372. Spring.

EXE 387L Biomechanics Lab
0 hours credit
Lab component to EXE 387 Biomechanics. This lab must be taken concurrently with EXE 387. Same as BIO 387L. Spring.

EXE 401 Research Methods in Exercise Science and Athletic Training I
2 credit hours
This course will introduce students to the research process in the various areas of exercise science and athletic training. 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). Corequisites: EXE 375 and MAT 224 OR ATR 346 and MAT 224. Spring.
**EXE 402 Research Methods in Exercise Science and Athletic Training II**  
1 credit hour  
This course will pair an exercise science or athletic training 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.  
*Prerequisites: EXE 401 and MAT 224.* Fall.

**EXE 480 Fitness Internship**  
4 hours credit  
Previous course content is integrate into a practical experience in a fitness setting equivalent to four weeks full-time employment. EXE 480 will fulfill four semester hours of winter term requirement.  
*Prerequisite: departmental consent.* Fall, winter, or spring.

**EXE 483 Fitness Practicum**  
1-2 hours credit  
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. Fall and spring.

**EXE 490 Independent Study**  
1-2 hours credit  
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.  
*Prerequisite: Junior status and the consent of the department chair.* Fall and spring.

**EXE 498 Professional Development Portfolio**  
no credit  
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 portfolio. Artifacts from each of the Exercise Science core classes as well as the professional development experiences should be included in the portfolio.  
*Prerequisite: Senior status.* Fall and spring.

**EXE 499 Senior Competency Practicum and Professional Development Course**  
no credit  
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. Fall and spring.

**EXE 489 Professional Development Experience**  
4-12 hours credit  
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 winter term requirement if taken during winter 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.  
*Prerequisite: PDP 200, EXE 401 and Senior year.* Fall and spring or winter with departmental consent.
**FRENCH**

**Department:** Modern Languages  
**Department Chair:** J. Brown  
**Department Members:** D. Alsop, J. Brown, S. Colburn-Alsop, K. Johnston, 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.

**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. Credits for FRE 110 and FRE 111 only apply toward the 120 credit hours needed for graduation.
French Major Requirements
The minimum requirement for a modern language major is 28 semester hours, numbered above 111 and excluding 459. 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.

For French majors who spend a semester abroad in a French-speaking country, an additional 8 hours of study abroad credit can be applied to the 28 hours of coursework at the 200-level or above, pending departmental approval prior to the term abroad.

Minimum of 28 credit hours from (choices 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 & Grammar

PLUS:
FRE 498 Portfolio
FRE 499 Senior Essay

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**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE 210</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>FRE 211</td>
<td>Intermediate French II</td>
</tr>
<tr>
<td>FRE 314</td>
<td>Career French</td>
</tr>
<tr>
<td>FRE 315</td>
<td>Advanced Writing &amp; Grammar</td>
</tr>
</tbody>
</table>

**Plus ONE of the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE 300</td>
<td>Topics in French</td>
</tr>
<tr>
<td>FRE 331</td>
<td>French Civilization</td>
</tr>
<tr>
<td>FRE 332</td>
<td>Masterpieces of French Literature</td>
</tr>
<tr>
<td>FRE 334</td>
<td>Francophone Culture</td>
</tr>
<tr>
<td>FRE 337</td>
<td>The Nineteenth-Century Novel</td>
</tr>
</tbody>
</table>

*Note: Students must receive a grade of C- or better in a class in order to continue to the next level.*
French Course Descriptions

FRE 110 Elementary French I 4 hours credit
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. Fall.

FRE 111 Elementary French II 4 hours credit
Continuation of French I. Prerequisite: a grade of C- or better in FRE 110 or equivalent. Spring.

FRE 210 Intermediate French I 4 hours credit
A continuation of FRE 110 and 111. Reading and discussion of short works and articles for comprehension of ideas and study of intermediate grammar. Satisfies international exploratory requirement. Prerequisites: a grade of C- or better in FRE 111 or equivalent. Fall.

FRE 211 Intermediate French II 4 hours credit
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. Satisfies international exploratory requirement. Prerequisite: a grade of C- or better in FRE 210 or equivalent. Spring.

FRE 300 Topics in French 4 hours credit
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 for academic affairs. Satisfies international exploratory requirement. Prerequisite: a grade of C- or better in FRE 211 or equivalent.

FRE 314 Career French 4 hours credit
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. Satisfies international exploratory requirement. Prerequisite: a grade of C- or better in FRE 211 or equivalent.

FRE 315 Advanced Writing and Grammar 4 hours credit
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. Satisfies international exploratory requirement. Prerequisite: a grade of C- or better in FRE 211 or equivalent. Spring.

FRE 331 French Civilization 4 hours credit
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. Satisfies international exploratory requirement. Prerequisite: Successful completion of FRE 314 and FRE 315, or consent of instructor. Fall, even academic years.

FRE 332 Masterpieces of French Literature 4 hours credit
Readings, lectures, and discussions in French of representative masterpieces of French literature from its origins to the present day. Satisfies international exploratory requirement. Prerequisite: Successful completion of FRE 314 and FRE 315, or consent of instructor. Spring, even academic years.

FRE 334 Francophone Culture 4 hours credit
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. Satisfies international exploratory requirement. This course can satisfy the literature requirement for French majors and minors. Prerequisite: Successful completion of FRE 314 and FRE 315, or consent of instructor. Fall, odd academic years.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE 337</td>
<td>The Nineteenth-Century Novel</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>In-depth study of the French novel in this productive century. Reading and discussion of representative works from Romanticism through Naturalism. Satisfies international exploratory requirement. Prerequisite: Successful completion of FRE 314 and FRE 315, or consent of instructor. Offered on sufficient demand.</td>
<td></td>
</tr>
<tr>
<td>FRE 340</td>
<td>Francophone Canadian Literature</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>A literary analysis of representative works by Quebec and other Francophone authors from the colonial period to the present. Taught in French. Same as CAN 340. Satisfies international exploratory requirement. Prerequisite: a grade of C- or better in CAN 130 and successful completion of FRE 314 and FRE 315, or consent of instructor. Spring, odd academic years.</td>
<td></td>
</tr>
<tr>
<td>FRE 482</td>
<td>French Practicum</td>
<td>1-2 hours</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>FRE 490</td>
<td>Independent Study</td>
<td>1-2 hours</td>
</tr>
<tr>
<td></td>
<td>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. Departmental consent is required.</td>
<td></td>
</tr>
<tr>
<td>FRE 498</td>
<td>Portfolio</td>
<td>no credit</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>FRE 499</td>
<td>Senior Essay</td>
<td>no credit</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>LAN 120</td>
<td>Language Study</td>
<td>1-4 hours</td>
</tr>
<tr>
<td></td>
<td>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 for 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.</td>
<td></td>
</tr>
<tr>
<td>LAN 300</td>
<td>Topics in Language</td>
<td>3 hours</td>
</tr>
<tr>
<td></td>
<td>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 for academic affairs. Depending on the topic and/or level of the course, LAN course may satisfy either the intercultural or international exploratory requirement.</td>
<td></td>
</tr>
<tr>
<td>SNR/SNT 489 (FRE)</td>
<td>Senior Year Internship/Project</td>
<td>1 hour</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>
**HISTORY**

**Department:** History  
**Department Chair:** M. Clark-Wiltz  
**Department Members:** M. Clark-Wiltz, R. Gawthrop, R. Guentzel, L. Hurtado

**Major:** History  
**Minor:** History

The department of history provides the means in the liberal arts curriculum by which undergraduate students learn to appreciate 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 World Since 1750
- HIS 120  US History to 1877
- HIS 121  US History since 1877
- HIS 370  Historiography
- HIS 400  Senior Seminar
- HIS 499  Senior Competency Practicum

### Professional Development Requirements:
- HIS 200  Public History
- HIS 400  Senior Seminar (includes senior portfolio)

### Plus TWO courses each from categories A and C:
### And ONE course each from categories B and D:

*(HIS 300 topics courses may substitute for any course in the appropriate category)*

### Category A:
- HIS 250  Indiana History
- HIS 325  History of American Thought
- HIS 331  African-American History
- HIS/WST 332  Hist. of Women in the US
- HIS 335  United States History Since 1945

### Category B:
- HIS 210  Intro to Latin American His & Cltr
- HIS 214  Southern Atlantic World
- HIS/CAN 230  History of Canada
- HIS 310  Modern Latin America

### Category C:
- HIS 348  Germany & Europe, 1848-1945
- HIS 350  Europe Since 1945
- HIS 356  Russian History

### Category D:
- HIS 205  World History to 1750
- HIS 340  Global Military History
- HIS 361  East Asian History
- HIS 365  History of the Middle East

### Twelve hours in a related field

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). All related field requirements must be completed with a grade of C- or better.
History Minor

Required courses:
LA 102  The World Since 1750       HIS 121  US History since 1877
HIS 120 US History to 1877

Plus ONE course each from categories A and C.

Plus ONE course from either category B or D.

Category A:
HIS 250 Indiana History
HIS 325 History of American Thought
HIS 331 African-American History

Category B:
HIS 210 Intro to Latin American His & Cltr
HIS 214 Southern Atlantic World

Category C:
HIS 348 Germany & Europe, 1848-1945
HIS 350 Europe Since 1945

Category D:
HIS 205 World History to 1750
HIS 340 Global Military History

HIS/WST 332 Hist. of Women in the US
HIS 335 United States History Since 1945
HIS/CAN 230 History of Canada
HIS 310 Modern Latin America
HIS 356 Russian History
HIS 361 East Asian History
HIS 365 History of the Middle East
History Course Descriptions

HIS 120 United States History to 1877 3 hours credit
Survey of the history of the United States from the 15th century to the end of the Reconstruction following the Civil War. Fall.

HIS 121 United States History since 1877 3 hours credit
A survey of the history of the United States from the end of the Reconstruction until the contemporary period. Spring.

HIS 200 Public History 4 hours credit
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. Prerequisite: HIS 120, HIS 121, or consent of the instructor. Spring.

HIS 205 World History to 1750 4 hours credit
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. Fall, even years.

HIS 210 Introduction to Latin American History and Culture 4 hours credit
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. Satisfies international exploratory. Spring, odd academic years.

HIS 214 The South Atlantic World, 1400-1824 4 hours credit
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. Satisfies intercultural exploratory requirement. Spring, even years.

HIS 230 History of Canada 4 hours credit
This course traces Canada’s historical evolution from colonial times to the present. It introduces students to the political, economical, social, and cultural history of Canada. Same as CAN 230. Satisfies international exploratory requirement. Prerequisite: HIS 120, CAN 130, or consent of instructor. Fall, even years.

HIS 250 Indiana History 3 hours credit
A study of Indiana history from prehistoric to recent times, with emphasis on the growth of a distinctive Hoosier culture. Particular areas of concentration include Indian, French and English backgrounds, frontier history, the effects of the Civil War on Hoosier social and political life, the rise of industrial and urban Indiana, and political, economic, and social developments in recent times. Prerequisite: HIS 120, 121, or consent of instructor. Spring, odd years.
HIS 300 Topics in History  3 hours credit
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 for academic
affairs.

HIS 310 Modern Latin America  4 hours credit
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. Satisfies international exploratory requirement.
Fall, odd academic years.

HIS 325 History of American Thought  4 hours credit
An examination of themes in American intellectual history, including systems of ideas such as Puritanism,
Enlightenment thought, Transcendentalism, Social Darwinism, and Pragmatism; particular concepts such as
vision of the New World, the myth of the West, and liberal versus conservative interpretations of the
American experience; the lives and works of outstanding American intellectuals. Prerequisites: HIS 120,
HIS 121, or consent of instructor. Fall, even years.

HIS 331 African American History  4 hours credit
An examination of the African American experience in U.S. society from the 17th century to the present.
Focuses on African origins and traditions, patterns of slavery, work, religion, freedom, resistance, and civil
rights. The course will also highlight the cultural heritage of African American music, literature, and film.
Prerequisites: HIS 120, HIS 121, or consent of instructor. Fall, even years.

HIS 332 History of Women in the United States  4 hours credit
This course will survey the history of women in the United States from the colonial era through the civil
rights movement of the 1950s–60s. The course will focus especially on the role of women in various
social movements including: the movement to abolish slavery, the fight for women’s suffrage, reformist
movements of the early twentieth century and the modern feminist movement. Students will have the
opportunity to pursue a research paper on the social issues addressed in the life/work of an activist of their
choosing. Same a WST 332. Satisfies social sciences exploratory requirement. Prerequisites: HIS 120, HIS
121, or consent of instructor. Fall, odd years.

HIS 335 United States History Since 1945  3 hours credit
This course examines major political, economic, cultural, and social developments in the U.S. from 1945
to the present. Prerequisite: HIS 121 or consent of the instructor. Fall, odd years.

HIS 340 Global Military History  4 hours credit
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. Satisfies intercultural exploratory. Fall, even academic years.

HIS 348 Germany and Europe: 1848-1945  4 hours credit
A probe into the German bid to dominate Europe by force, beginning with the process of creating the
modern German state in the mid-to-late 19th century and focusing on the two world wars, the Nazi
dictatorship, and the Holocaust. Satisfies international exploratory requirement. Prerequisite: LA 102 or
consent of instructor. Spring, even years.
HIS 350 Europe Since 1945  
3 hours credit
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 block, and the integration of the eastern European countries into the modern European community. Satisfies intercultural exploratory requirements. Prerequisite: LA 102 or consent of instructor. Spring, odd years.

HIS 356 Russian History  
4 hours credit
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. Satisfies international exploratory requirement. Prerequisite: LA 102 or consent of instructor. Fall, even years.

HIS 361 East Asian History  
4 hours credit
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. Satisfies international exploratory requirement. Prerequisites: LA 102 or consent of instructor. Fall, odd years.

HIS 365 History of the Middle East  
4 hours credit
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. Satisfies international exploratory requirement. Prerequisite: LA 102 or consent of instructor. Spring, odd years.

HIS 370 Historiography  
4 hours credit
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. Prerequisites: LA 102, HIS 120, 121, junior standing. Fall.

HIS 400 Senior Seminar  
4 hours credit
This senior year experience allows majors to research, write, and present a substantial original research paper. The project requires students to develop a research question, engage with relevant secondary literature and historiographical debates, and construct an argument based on their critical evaluation of primary sources. Students will also present their findings in a public forum in the style of a professional conference. This course fulfills the SNR portion of the professional development requirements. Prerequisite: Senior standing or consent of instructor. Fall.

HIS 490 Independent Study  
1-2 hours credit
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. Prerequisite: consent of instructor.

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 take both written and oral exams. A panel of three professors will pose written questions for the student and will officiate at the oral exam. The combined grades for the three faculty for the written exam and the oral exam must average a 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 their academic advisor, at least one other faculty sponsor, and a faculty member designated by the Faculty Curriculum Committee. The first two members of this Individualized Major (I.M.) Committee should reflect the student’s educational objectives and career interests. An academic department must also sponsor the proposal (see Parameter #4 below).

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 I.M. 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, winter-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 I.M. 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 I.M. proposal.

**Development of the Proposal**

1. In conjunction with the student’s I.M. Committee, verify that the proposed individualized major satisfies the above parameters.

2. Prepare a defense of the individualized major on the I.M. 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 I.M. Committee. Any and all changes must be filed in the Academic Records Office for degree-granting purposes.

**Approval Process**

1. I.M. Committee – signatures on formal application  
   o Includes academic advisor, one additional faculty member, and a member of Faculty Curriculum Committee

2. Chair of sponsoring department – signature on formal application

3. Faculty supervising individualized studies, practica, experiential learning activities, etc. – signature if necessary

4. Academic Rules Committee Chair/Registrar – signature and file
LEADERSHIP PROGRAM

**Director:** D. Rebhorn

**Minor:** Leadership, Nonprofit Leadership  
**Certificate:** 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, better prepared 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 practical application of and reflection on 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
- A personal, ethical framework
- Responsibility/Accountability
- Personal vision and goal setting
  
  Willingness to learn and change
  Physical well being
  Commitment
  Self awareness

**Interpersonal Competencies**
- Appreciate diversity
- Work with and in a group
- Manage conflict
- Create a shared vision and find common ground
  
  Give, receive, and learn from feedback
  Share leadership
  Initiate and manage change
  Balance advocacy and inquiry

**Communication Skills**
- Present ideas effectively
- Write well
- Listen well
- Read with high comprehension
  
  Attend to non-verbal communication
  Participate in and conduct civil discourse
  Balance advocacy and inquiry
  Speak confidently in public
Cognitive Abilities
- Think systemically
- Practice integrative thinking
- Think critically
- Make decisions
- Think creatively
- Transfer knowledge and create analogies
- Solve theoretical and applied problems
- Manage complexity and ambiguity
- Assess and manage risk
- 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

Integration of Leadership throughout the Curriculum

**Liberal Arts Curriculum:**
The Liberal Arts core curriculum begins in the freshman year with LA 100: Liberal Arts Seminar. This course connects the first semester experience to the mission of Franklin College: “… to prepare graduates, through the liberal arts, to think independently, to lead responsibly, and to serve with integrity.” Students will develop greater understanding of self, which may include discussion and study of leadership styles. The course also provides an academic and co-curricular transition from high school to college.

Other liberal arts courses recommended for the freshman year, LA 101, LA 102, and LA 103, focus on developing a personal ethical framework, developing interpersonal skills, thinking logically and critically, and becoming proficient in communication skills. The core curriculum’s developmental and experiential approach includes an emphasis on leadership and service, particularly in LA 112: Contemporary Issues and LA 315: Liberal Arts Capstone.

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Will be addressed in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is self-aware</td>
<td>Philosophy and Religion Courses</td>
</tr>
<tr>
<td>Develops and practices ethical standards</td>
<td>Philosophy and Religion Courses</td>
</tr>
<tr>
<td>Works well with diverse people</td>
<td>Intercultural Courses</td>
</tr>
<tr>
<td>Is willing and able to take action</td>
<td>International Courses</td>
</tr>
<tr>
<td></td>
<td>Contemporary Issues Courses</td>
</tr>
</tbody>
</table>

**Leadership in Major Fields of Study:**
Almost all of the academic departments have incorporated leadership and professional skills in teaching and assessment. Many professors at the college have attended workshops and received training in modern leadership theories and have incorporated this into their courses.
Franklin College Leadership Offerings

FOCUS - Franklin Offering the Community Unselfish Service:
During freshman orientation, all students are required to participate in a community-service day to emphasize the college’s belief that leadership begins with engagement and service to the community. Students work with their new classmates, professors, college staff members, and community volunteers. At the close of the day, they discuss the leadership that emerged in their groups.

Liberal Arts Seminar:
All new students are required to complete this one credit course, which introduces leadership concepts and skills as well as the unique traditions, mission, and values of Franklin College. Students are encouraged to become leaders in the college community, to find opportunities for service both on and off campus, and to strive for excellence throughout their college career.

Leadership for Student Leaders:
A support class is offered for students who are in positions of leadership in campus organizations. The class has weekly meetings that address topics and issues faced by student leaders.

Leadership Internships:
Upper-division students may participate in a winter term internship with a leader in the student’s chosen career field. Participation is restricted to students who have taken at least one leadership class and demonstrated interest and maturity.

Leadership Certificate:
To earn a leadership certificate, a student must demonstrate knowledge of the fundamental concepts of leadership, demonstrate competency in a leadership experience on campus, and prepare a portfolio demonstrating ability to connect the theory and practice of leadership. The requirements to earn a leadership certificate are
- Completion of LEA 100 with a grade of at least B
- Completion of COR 003
- Submission of a portfolio to the leadership program director, which includes:
  - 2 letters of recommendation from advisors of campus organizations in which the student has been active
  - 1 letter of recommendation from a professor
  - at least three essays with leadership themes from Franklin College classes
  - reviews of four workshops or convocations related to leadership
  - a reflective essay or journal describing a personal leadership experience on campus
This material is reviewed by a selection committee.
**Leadership Minor**
(a minimum of 17 hours as follows, all earned with a grade of C- “ or better)

**Required courses:**
LEA 100 Introduction to Personal Leadership Skills
LEA 210 Foundations of Leadership
LEA 230 Leadership: Theories and Practice
LEA 330 Leadership in a Multicultural Context

**Plus TWO of the following:**
BUS 367 Principles of Management
LEA 300 Leadership Topics
PHL 220 Principles of Ethics

**Plus TWO of the following:**
POL 110 American National Government
PSY 320 Social Psychology
SOC 323 Organizations

*Alternative courses may be considered for credit based on individual student learning goals. Please contact the Director of Leadership Studies for more information.*

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

**Core Requirements:**
BUS 100 Introduction to Business
LEA 100 Introduction to Personal Leadership Skills
NPL/SOC 222 Social Problems & Nonprofit Responses
NPL/SOC 230 Introduction to Nonprofits
NPL/LEA/SOC/LA 315 Nonprofit Leadership Capstone

**Plus ONE of the following:**
BUS 367 Principles of 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 hours credit  
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. Spring.

**LEA 210 Foundations of Leadership**  
3 hours credit  
Foundations of Leadership will require students to read the works of philosophers, statesmen, and business leaders who have developed theories of leadership throughout the ages. This will include Sun Tzu, Lao Tzu, Machiavelli, Burns, Greenleaf, Gardner, and current leadership scholars. These readings will be connected with films and fiction that illustrate the strengths and weaknesses of the scholars’ maxims. Spring, even academic years.

**LEA 230 Leadership: Theories and Practice**  
3 hours credit  
This course will examine sociological and psychological research on leadership. The course will also include interviews with local leaders from various fields. Students will be encouraged to connect the theories that have been developed with the ‘real world’ experience of Indiana leaders. Satisfies social sciences exploratory requirement. Fall, even academic years.

**LEA 300 Leadership Topics**  
1-3 hours credit  
A topic of current interest in leadership will be taught. Past topics have included Change, Collaboration, and Leadership in Films.

**LEA 315 Nonprofit Leadership Capstone**  
4 hours credit  
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/LA 315. Satisfies LA 315 Liberal Arts Capstone. *Prerequisite: NPL/SOC 230 and all other LA courses.* Spring, odd academic years.

**LEA 330 Leadership in a Multicultural Context**  
3 hours credit  
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. Satisfies intercultural exploratory requirement. Fall, odd academic years.

**LEA 482 Leadership Practicum**  
1-2 hours credit  
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: J. Gash
Department Members: R. Beasley, J. Boardman, D. Callon, P. Fonstad, J. Gash, S. Hoehn, K. Smith, A. Walls

Majors: Pure Mathematics, Applied Mathematics, Quantitative Analysis, Mathematics Education (see Education listing in this catalog)
Minors: Mathematics, Quantitative Methods

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, mathematics education, applied mathematics, and quantitative analysis. For a description of mathematics education, see Department of Education listing in this catalog. 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 Program is designed for students who are preparing for graduate school by providing a broad theoretical base.

**Core Requirements:**
- MAT 135 Calculus
- MAT 140 Intro to Mathematical Sciences
- MAT 142 Calculus II
- MAT 181 Discrete Mathematics I
- MAT 182 Discrete Mathematics II
- MAT 233 Linear Algebra
- MAT 253 Calculus III
- MAT 471 Senior Seminar
- MAT 499 Senior Competency Practicum
- MAT 142 Calculus II
- MAT 253 Calculus III
- MAT 471 Senior Seminar
- MAT 499 Senior Competency Practicum
- PDP 200 Preparing for Your Internship

**Pure Math Program Requirements:**
- MAT 331 Probability and Statistics
- MAT 361 Modern Algebra
- MAT 363 Topics in Geometry
- MAT 367 Intro to Real Analysis

**Plus ONE of the following (Satisfies the senior year experiences requirement for graduation):**
- MAT 450 Guided Independent Research
- MAT 490 Individualized Study

**Related Field Requirements:**

**Computer modeling:**
- CMP 130 Introduction to Computing
- CMP 141 Computing I
- CMP 150 Comp. Tools for Prob Solving
- CMP 360 Operations Research

**Plus ONE of the following:**
- CMP 142 Computing II
- CMP 360 Operations Research

**Plus THREE additional semester hours** approved by the departmental advisor. Courses taken to meet liberal arts exploratory requirements cannot be included.
Applied Mathematics Program is 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 Intro. to Mathematical Sciences
- MAT 142 Calculus II
- MAT 181 Discrete Mathematics I
- MAT 182 Discrete Mathematics II
- MAT 233 Linear Algebra
- MAT 253 Calculus III
- MAT 256 Differential Equations
- MAT 331 Probability and Statistics
- MAT 471 Senior Seminar
- MAT 499 Senior Competency Practicum
- PDP 200 Preparing for Your Internship

**Plus ONE of the following internships:**
- INT 261 Computing/Math/Statistics Internship
- SNT 489 Senior Year Internship in Math

**Applied Math Program Requirements:**
- MAT 256 Differential Equations
- MAT 331 Probability and Statistics
- MAT 345 Statistical Consulting Project
- MAT 367 Introduction to Real Analysis

**Plus ONE of the following:**
- MAT 300 Topics in Mathematics
- CMP 130 Introduction to Computing
- CMP 141 Computing I

**Related Field Requirements:**

**Computer modeling:**
- CMP 130 Introduction to Computing
- CMP 141 Computing I
- CMP 150 Comp. Tools for Prob Solving
- CMP 360 Operations Research

**Plus ONE of the following:**
- CMP 142 Computing II
- CMP 360 Operations Research

**PLUS at least 12 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 Program is designed for students interested in exploring the relationships between mathematics and either marketing, finance, or economics. The list below includes the related field requirements.

**Core Requirements:**
- MAT 135 Calculus
- MAT 140 Intro. to Mathematical Sciences
- MAT 142 Calculus II
- MAT 181 Discrete Mathematics I
- MAT 182 Discrete Mathematics II
- MAT 233 Linear Algebra
- MAT 253 Calculus III
- MAT 471 Senior Seminar
- MAT 499 Senior Competency Practicum
- PDP 200 Preparing for Your Internship

**Plus ONE Internship:**
- INT 261 Computing/Math/Statistics Internship
- SNT 489 Senior Year Internship in Math

**Quantitative Analysis Program (ONE course from the following):**
- MAT 256 Differential Equations
- MAT 300 Topics in Mathematics
- MAT 345 Statistical Consulting Project
- MAT 367 Introduction to Real Analysis

**Plus ONE of the following:**
- BUS 265 Business Research Methods
- MAT 331 Probability and Statistics

**Computer Modeling Requirements:**
- CMP 130 Introduction to Computing
- CMP 141 Computing I
- CMP 360 Operations Research

**Economics, Business, and Accounting Requirements:**
- ACC 221 Principles of Accounting I
- ACC 222 Principles of Accounting II
- ECO 115 Principles of Economics
- ECO 221 Inter. Microeconomic Theory
- ECO 223 Inter. Macroeconomic Theory

**Plus ONE of the following Options:**

<table>
<thead>
<tr>
<th>Finance Option</th>
<th>OR</th>
<th>Marketing Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 351 Corporate Finance</td>
<td>OR</td>
<td>BUS 361 Prin. of Marketing</td>
</tr>
<tr>
<td>BUS 352 Investments</td>
<td></td>
<td>BUS 364 Marketing Research</td>
</tr>
<tr>
<td><strong>Plus ONE of the following</strong></td>
<td></td>
<td><strong>Plus ONE of the following</strong></td>
</tr>
<tr>
<td>BUS 353 Prin. of Risk &amp; Insurance</td>
<td></td>
<td>BUS 362 Consumer Behavior</td>
</tr>
<tr>
<td>ECO 330 Money and Banking</td>
<td></td>
<td>PSY 320 Social Psychology</td>
</tr>
</tbody>
</table>

**OR Economics Option**
- ECO 380 Elementary Econometrics

**Plus TWO of the following**
- ECO 300 Topics in Economics
- ECO 330 Money and Banking
- ECO 350 International Econ & Finance
- ECO 360 Econ of Labor & Lbr Rel
- ECO 370 Sports Economics
Coop. 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 Intro to Mathematical Sciences
MAT 181 Discrete Mathematics I
MAT 142 Calculus II
MAT 182 Discrete Mathematics II
MAT/PSY 224 Basic Applied Statistics
MAT 233 Linear Algebra
MAT 253 Calculus III
MAT 256 Differential Equations
MAT 300 Topics in Mathematics
MAT 323 Math for Elementary Ed. Teach. I

Plus TWO courses from the following:
MAT 182 Discrete Mathematics II
MAT/PSY 224 Basic Applied Statistics
MAT 233 Linear Algebra
MAT 253 Calculus III
MAT 256 Differential Equations
MAT 300 Topics in Mathematics
MAT 323 Math for Elementary Ed. Teach. I

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.

ONE of the following:
BUS 265 Business Research Methods
MAT/PSY 224 Basic Applied Statistics
MAT 135 Calculus

PLUS 12 credit hours from the following:
Either CMP 130 Introduction to Computing OR CMP 141 Computing I
CMP 150 Comp. Tools for Prob. Solving
MAT 181 Discrete Mathematics I
CMP 360 Operations Research
MAT 182 Discrete Mathematics II
ECO 380 Elementary Econometrics
MAT 233 Linear Algebra
LA 103 Quantitative Reasoning
MAT 300 Topics in Mathematics
MAT 135 Calculus
MAT 345 Statistical Consulting Project
Mathematics Course Descriptions

MAT 085  Fundamental Concepts of Mathematics  3 hours credit**
A course designed for students who will enroll in LA 103 or MAT 125 in the subsequent semester and whose mathematical background is inadequate. This course will also be helpful for students majoring in either elementary or secondary education who are in need of additional study in mathematics before taking the Praxis I (basic skills) test. Includes instruction in key concepts and techniques of problem solving, real number operations, algebra, and geometry. Course is open only to students who have not passed any other mathematics course at Franklin College. Corequisite: ASC 080. Fall
**Note: This course does not satisfy the liberal arts mathematics requirements. These credits do not count toward the minimum 120 credit hours required for graduation. Furthermore, the grade earned in this course does not impact the student’s semester or cumulative GPA.

MAT 125  Functions and Models  3 hours credit*
A course designed for students who will enroll in MAT 135 or MAT 181 in the subsequent semester and who would benefit from additional preparation. Focuses on families of functions (including linear, polynomial, exponential, logarithmic, rational, and power), their properties, and their uses in modeling and applications. Includes review of algebra concepts. The course emphasizes a graphical approach and involves the use of computer software. Not open to students with credit in MAT 135 or MAT 181. Prerequisite: MAT 085 or competency in high school algebra as demonstrated on the mathematics placement exam. Fall and spring.
*Note: This course does not satisfy the liberal arts mathematics requirement.

MAT 135  Calculus  4 hours credit
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 135 may be taken to satisfy LA 103, the liberal arts core curriculum mathematics requirement. Prerequisite: MAT 125 or competency in pre-calculus as demonstrated on the mathematics placement exam. Fall and spring.

MAT 140  Introduction to the Mathematical Sciences  1 hour credit
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. Prerequisite or corequisite: MAT 135. Fall.

MAT 142  Calculus II  4 hours credit
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. Incorporates the use of R, an open source programming language. Prerequisites: MAT 135 and MAT 140 or consent of instructor. Spring.

MAT 181  Discrete Mathematics I  3 hours credit
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, big-O notation, algorithm analysis and introduction to standard algorithm design. 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 181 may be taken to satisfy LA 103, the liberal arts core curriculum mathematics requirement. Prerequisite: MAT 125 or competency in high school algebra as demonstrated on the mathematics placement exam. Fall.
MAT 182 Discrete Mathematics II  
3 hours credit  
This course continues, using the content of MAT 181, to delve into discrete topics. Proof by induction is introduced and used throughout the semester. Methods of counting and basic probability are a primary focus, and students will get exposure to expected value, variance, and other more advanced topics from probability theory. The last portion of the course will focus on discrete structures, including graphs and trees. **Prerequisite:** MAT 181. Spring.

MAT 224 Basic Applied Statistics  
3 hours credit  
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 PSY/SOC 224. Students cannot receive credit for both. **Prerequisite:** CMP 130, LA 103, MAT 135, or MAT 181. Fall and Spring.

MAT 233 Linear Algebra  
4 hours credit  
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. **Prerequisite:** MAT 142 or MAT 181. **Prerequisite or corequisite:** CMP 150 or consent of instructor. Spring.

MAT 253 Calculus III  
4 hours credit  
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. **Prerequisites:** MAT 142 and CMP 150 or consent of instructor. Spring.

MAT 256 Differential Equations  
3 hours credit  
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. **Prerequisite:** MAT 142. Spring, odd academic years.

MAT 300 Topics in Mathematics  
3 hours credit  
A topic of current interest in mathematics will be taught. Topics will vary depending on faculty interest. **Prerequisites:** MAT 142 and MAT 181 or consent of instructor. Spring, even academic years.

MAT 323 Mathematics for Elementary Teaching I  
2 hours credit  
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. **Prerequisite:** LA 103. **Taken concurrently with** EDE 336, EDE 344, EDE 365, and EFE 384. **Additional prerequisite:** 2.50 GPA (A = 4.0) and admission to the teacher education program. Fall, junior year.

MAT 324 Mathematics for Elementary Teaching II  
2 hours credit  
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. **Prerequisite:** MAT 323. **Taken concurrently with** EDE 337, EDE 345, EDE 366, and EFE 385. **Additional prerequisite:** 2.50 GPA and admission to the teacher education program. Spring, junior year.
MAT 331 Probability and Statistics  3 hours credit
The course will cover discrete and continuous probability distributions along with their expectations and
moment-generating functions. Sampling theory, estimation, hypothesis testing, regression and correlation,
analysis of variance, and nonparametric tests. Includes emphasis on practical application of the theory and
incorporation of technology.  Prerequisite: MAT 182 and CMP 150. Pre- or co-requisite: MAT 253 or
consent of instructor. Fall, odd academic years.

MAT 345 Statistical Consulting Project  3 hours credit
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
corcepts 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. Satisfies LA 315 Liberal Arts Capstone.  Prerequisites: MAT/PSY 224,
MAT 331, OR BUS 265. Spring, odd academic years.

MAT 361 Modern Algebra  3 hours credit
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;
isomorphisms and homomorphisms; product and factor groups; rings, integral domains, and fields; ideals
and factor rings; and rings of polynomials and polynomial factorization. Includes discussion of
applications to cryptography and other areas. Prerequisite: MAT 142, MAT 182, and CMP 150 or consent
of instructor. Fall, odd academic years.

MAT 363 Topics in Geometry  3 hours credit
An introduction to modern geometric concepts, including foundations of geometry and non-Euclidean
gometry. Incorporates use of computer software to illustrate and explore geometric concepts.  
Prerequisite: MAT 142, MAT 182, and CMP 150 or consent of instructor. Fall, even academic years.

MAT 367 Introduction to Real Analysis  3 hours credit
An introduction to the theory of functions of a real variable, including limits, continuity, derivatives,
integration theory, and sequences and series.  Prerequisite: MAT 142, MAT 182, and CMP 150 or consent
of instructor. Fall, even academic years.

MAT 450 Guided Independent Research in Mathematics  1 hour credit
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.  Prerequisite: senior standing or consent of instructor. Offered only
upon demonstration of sufficient demand and with approval of the VPAA.

MAT 471 Senior Seminar  3 hours credit
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. Taken concurrently with MAT 499.  
Prerequisites: senior standing and departmental consent. Fall.

MAT 482 Mathematics Practicum  1-2 hours credit
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 hours credit
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. Departmental consent is required.

MAT 499  Senior Competency Practicum  no credit
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.  
*Taken concurrently with MAT 471.* Students must earn a C- on the oral component and a C or higher in the
entire senior comprehensive practicum. Fall.

SNT 489 (MAT) Professional Development Internship in Math  7-10 hours credit
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. *Prerequisite: Senior standing or permission of instructor.*
**MEDICAL TECHNOLOGY**

**Pre-Medical Technology Advisor:** E. Chikwana  
(echikwana@franklincollege.edu)

**Adjunct Faculty:** Carla Clem, M.S., MT(ASCP)SH^CM, Program Director, IU Health Methodist Hospital; DeAnne Maxwell, MLS(ASCP)CM, Program Director, CLS, Franciscan St. Francis Health

Franklin College maintains affiliations with the Schools of Medical Technology at IU Health Methodist Hospital and Franciscan St. Francis Health, both 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 technology/clinical laboratory science at IU Health or St. Francis, the student is then eligible to receive the baccalaureate degree from Franklin College and a certificate of completion from the IU Health or St. Francis 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)

**At Franciscan St. Francis Health:**
- Laboratory Skills (4 hours)
- Chemistry (4 hours)
- Hematology (5 hours)
- Microbiology (5 hours)
- Immunology/Serology (2 hours)
- Clinical microscopy (2 hours)
- Immunohematology (4 hours)
- Clinical Practicum (6 hours)

Both programs include 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 hospitals to select students for admission to the program include the following:

1. 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 or the Franciscan St. Francis 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 and Franciscan St. Francis Health participate, 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 technology 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 and St. Francis programs must include all graduation requirements at Franklin College: a departmental major, six winter term hours, and the liberal arts program requirements, with the exception that students must complete either the intercultural or international exploratory requirement. 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 Technology 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 Associate 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 freshman 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/~armyroct/.
MULTIMEDIA JOURNALISM
PULLIAM SCHOOL OF JOURNALISM

Director: J. Krull
Division Head: J. Cramer
Faculty: R. Begovich, J. Cramer, H. Nuwer, W. Shapiro

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.

Graduation with Merit or Distinction
Students who complete all MMJ, BRJ and NWS courses and finish with a 3.25 cumulative grade point average or higher will graduate with merit. Those who have a cumulative GPA of 3.5 or higher graduate with distinction.
Major 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.

Core Requirements
MMJ 125 Multimedia Report & Interview  MMJ 160 Using Databases in News Gather
MMJ 130 News Writing  MMJ 180 Publication Design
MMJ 135 Editing for Print and Online  MMJ 250 Multimedia Storytelling
MMJ 140 Broadcast News Writing  MMJ 360 Design for the Internet
MMJ 150 Digital Photo & Audio Reporting  MMJ 445 Communication Law in a
MMJ 155 Video for Digital Journalism  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 120, MMJ 125, MMJ 130, MMJ 135, MMJ 140 and INT 119 before registering for the Immersion Experience. This experience includes the following courses, which are co-requisites and must be taken concurrently:

INT 200 Multimedia Internship (6 hrs.)  MMJ 203 On-air Production
MMJ 201 In-depth News Writing  POL 234/LA 112 Contemp Issues in Pol Sci
MMJ 202 On-air Performance

Professional Development
MMJ 120 Ethics & Prof Development  MMJ 499 Multimedia Storytelling Sr Project
MMJ 498 Multimedia Portfolio

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 005 TV News
MMJ 002 Statehouse File  MMJ 007 Media Manager
MMJ 004 Radio Station

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.
Optional Endorsements
All students are required to complete successfully all MMJ courses to receive a multimedia journalism degree. Students who complete successfully all BRJ courses receive a broadcast journalism endorsement. Students who complete successfully all NWS courses receive a news-editorial endorsement.

Broadcast Journalism Endorsement
BRJ 400 Advanced On-air Storytelling  BRJ 450 Broadcasting Special Project

News-editorial Endorsement
NWS 400 Advd In-depth News Writing  NWS 450 In-depth Storytelling Project

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 Minor (except for Public Relations majors)

Required Courses
- MMJ 120 Ethics & Prof Development
- MMJ 125 Multimedia Report & Interview
- MMJ 130 News Writing
- MMJ 135 Editing for Print and Online
- MMJ 140 Broadcast News Writing
- MMJ 150 Digital Photo & Audio Reporting
- MMJ 155 Video for Digital Journalism
- 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 125 Multimedia Report & Interview
- MMJ 130 News Writing
- MMJ 135 Editing for Print and Online
- MMJ 140 Broadcast News Writing
- MMJ 201 In-depth News Writing
- MMJ 203 On-air Production
- MMJ 202 On-air Performance
- MMJ 250 Multimedia Storytelling
- MMJ 001 Student Media**
- MMJ 002 Statehouse File**
- MMJ 004 Radio Station**
- MMJ 005 TV News**
- MMJ 007 Media Manager**

*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. MMJ activity courses can be counted both for the minor and as total hours outside the public relations major.
Rhetoric Minor (for journalism majors)

Required Courses
ENG 227 The English Language  
ENG 328 Advanced Composition  

Plus TWO of the following
CWR 150 Introduction to Creative Writing  
ENG 200 Introduction to Literary Studies  

Visual Communications Minor

Required Courses
ART 130 Color and Design  
ART 140 Graphic Design I  
ART 190 Digital Fine Art Photography I  

MMJ 150 Digital Photo & Audio Reporting  
MMJ 155 Video for Digital Journalism  

Multimedia Journalism Course Descriptions

MMJ 001 Student Media  
1 hour credit  
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. Counts as an activity course credit. Fall and Spring.

MMJ 002 Statehouse File  
1 hour credit  
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. Counts as an activity course credit. Prerequisite: MMJ 001 (can be satisfied concurrently with permission of advisor.) Fall, Spring, and Summer.

MMJ 004 Radio Station  
1 hour credit  
Laboratory course in radio station procedures, operations, and on-air broadcasting on WFCI-FM. Counts as an activity course credit. Fall and Spring.

MMJ 005 TV News  
1 hour credit  
Laboratory course in video production. Students may work on The Statehouse File newscast or other video productions as approved by the course instructor. Counts as an activity course credit. Fall and Spring.

MMJ 007 Media Manager  
2 hours credit  
All student media managers must enroll in MMJ 007 in the semester(s) during which they manage a student media outlet. Counts as an activity course credit. Fall and Spring.
MMJ 120 Ethics and Professional Development 2 hours credit
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 120. Fall and Spring.

MMJ 125 Multimedia Reporting and Interviewing 2 hours credit
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. Fall and Spring.

MMJ 130 News Writing 2 hours credit
This course provides an in-depth study and accompanying practical application of reporting, interviewing, news writing, editing, photography captions and copy editing skills. There is emphasis on developing the skills to address ethical and legal situations a journalist encounters in the course of publishing. Fall and Spring.

MMJ 135 Editing for Print and Online 2 hours credit
This course introduces students to copyediting, self-editing and fact-checking skills needed to publish stories for the Web, broadcast and print. Fall and Spring.

MMJ 140 Broadcast News Writing 2 hours credit
The course is an introduction to basic news writing and formats for television and radio. Topics include news judgment, interviewing, preparation of scripts for news and sports broadcasts, and effective use of social media in reporting. Fall and Spring.

MMJ 150 Introduction to Digital Photography and Audio Reporting 2 hours credit
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 150. Fall and Spring.

MMJ 155 Video for Digital Journalism 2 hours credit
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 155. Prerequisite: MMJ/PRL 150 or consent of instructor. Fall and Spring.
MMJ 160 Using Databases in News Gathering  
This course introduces students to the importance of locating, using and interpreting documents and database information and statistics to enhance news stories, including investigative features. Fall and Spring.

MMJ 180 Publication Design  
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 180. Fall and Spring.

MMJ 201 In-depth News Writing  
This course material is required as part of the Immersion Experience. This is a multimedia reporting and writing class. Students will develop and enhance the skills necessary to explore one or more issues in depth, either through a series of stories or a single expanded story. The students’ work will be published or presented across media platforms through www.thestatehousefile.com and its newsgathering partners. Must be taken concurrently with MMJ 202, MMJ 203, INT 200 and a POL or LA class as assigned by the Pulliam School of Journalism. Fall and Spring.

MMJ 202 On-air Performance  
This course material is required as part of the Immersion Experience. This course is designed to build and enhance presentation and performance skills for television and radio through the daily experience of covering state government. Students acquire the skills necessary to work in a daily news environment, including interviewing, developing sources, archival research, deadline writing, and assembling television and radio news packages for broadcast. Must be taken concurrently with MMJ 201, MMJ 203, INT 200 and a POL or LA class as assigned by the Pulliam School of Journalism. Fall and Spring.

MMJ 203 On-air Production  
This course material is required as part of the Immersion Experience. The course is designed to provide students with advanced hands-on experience in studio production practices, including techniques for news segments. Emphasis is placed on camera operation, production management, audio control, and portable lighting. Must be taken concurrently with MMJ 201, MMJ 202, INT 200 and a POL or LA class as assigned by the Pulliam School of Journalism. Fall and Spring.
**MMJ 250 Multimedia Storytelling** 3 hours credit
The course will introduce the principles and practices of telling journalistic stories across multi-media platforms. Students will use the tools introduced in earlier courses to research, prepare and present news stories in digital formats. Students will be expected to determine which media format is best utilized to tell the story and use a wide variety of tools and techniques to communicate with the audience. Social media as a journalism tool for research and distribution will be an emphasis. Prerequisites: MMJ 125, MMJ 130, MMJ 150, and MMJ 155 or consent of instructor. Fall and Spring.

**MMJ 300 Topics in Multimedia News** 3 hours credit
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 for academic affairs.

**MMJ 360 Design for the Internet** 3 hours credit
Builds on fundamentals learned in MMJ/PRL 180 by exploring information architecture and developing visual storytelling for multimedia. Students will learn to plan, gather, analyze, report, and visualize interactive stories. Focus is on visual communication using digital media to create and design interfaces, utilizing type, illustration, image, graphic models, motion, sound, video, interactivity, and navigation. Same as PRL 360. Prerequisite: MMJ/PRL 180. Fall and Spring.

**MMJ 380 Practicum** 1-2 hours credit
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. Fall and Spring.

**MMJ 445 Communication Law in a Digital World** 3 hours credit
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 445. Fall and Spring.

**MMJ 490 Independent Study** 1-2 hours credit
Course is designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Prerequisite: consent of instructor. Fall and Spring.

**MMJ 498 Multimedia Portfolio** 0 credit hours
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. Fall and Spring.
MMJ 499 Multimedia Storytelling Senior Project 0 credit hours
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. Fall and Spring.

Broadcast Journalism Endorsement Course Descriptions

BRJ 400 Advanced On-air Storytelling 3 credit hours
The course is designed to teach the skills necessary to create a strong understanding of traditional storytelling, visual and audio narrative for television and radio broadcast. Emphasis is placed on creating stories through project development, natural sound and effective interviews. Throughout the course, a major concern will be the construction of stories that connect the news of the day to the larger community. Prerequisite: Immersion Experience. Fall and Spring.

BRJ 450 Broadcast Journalism Special Project 3 credit hours
The course is designed to develop practical experience in real-life field projects by completing a project in conjunction with a supervising faculty member. Prerequisite: BRJ 400. Fall and Spring.

News-editorial Endorsement Course Descriptions

NWS 400 Advanced In-depth News Writing 3 hours credit
An advanced exploration of reporting and writing techniques, this course will focus on preparing students to cover substantive issues. Students will study and produce enterprise stories of merit and feature stories of grace. The students will produce work that will be published or presented through www.thestatehousefile.com and its news-gathering partners. Prerequisite: Immersion Experience. Fall and Spring.

NWS 450 In-depth Storytelling Project 3 hours credit
Working with the faculty, staff and students of www.thestatehousefile.com, the students in this class will use sophisticated reporting and writing techniques to produce compelling stories on newsworthy subjects or issues of their choosing (subject to the approval of the instructor and/or editor). These stories will be published as display pieces at www.thestatehousefile.com and offered as such to its news-gathering partners. Prerequisite: NWS 400. Fall and Spring.
Music

Department Chair: C. Hayes
Music Faculty: C. Hayes

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 & Musicianship I
- MUS 111 Theory & Musicianship II
- MUS 112 Piano Proficiency Examination
- MUS 210 Theory & Musicianship III

MUS 211 Theory & Musicianship IV
MUS 310 Conducting & Score Study
MUS 335 Music History
MUS 499 Senior Competency Exam.

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 FC Singers, every semester in residence
- MUS 122 Men’s Chorus OR MUS 123 Women’s Chorus, four semesters

Pianists:
- MUS 121 FC Singers, MUS 124 FC Band, OR MUS 125 String Ensemble, every semester in residence
- MUS 122 Men’s Chorus OR MUS 123 Women’s Chorus, two semesters
- MUS 126 Piano Accompanying, two semesters

Other Instrumentalists:
- MUS 124 FC Band OR MUS 125 String Ensemble, every semester in residence,
- MUS 121 FC Singers, MUS 122 Men’s Chorus OR MUS 123 Women’s Chorus, four semesters

Applied Study Requirements:
- 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:
MUS 343 Survey of Vocal & Choral Literature OR MUS 353 Survey of Piano Lit.
MUS 344 Vocal Pedagogy OR MUS 354 Piano Pedagogy
*Students may substitute two alternative courses approved by departmental advisor.

Related Field Requirements:
One course with ART prefix
One course with THE prefix

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 & Musicianship I
MUS 111 Theory & Musicianship II
MUS 112 Piano Proficiency Exam
MUS 335 Music History

Plus ONE of the following:
MUS 119 Introduction to Music
MUS 219 World Music

Ensemble Requirements (Choose ONE performance area):

Vocalists:
MUS 121 FC Singers, two semesters, AND
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, two semesters, AND
MUS 122 Men’s Chorus OR MUS 123 Women’s Chorus, two semesters

Other Instrumentalists:
MUS 124 FC Band OR MUS 125 String Ensemble, two semesters, AND
MUS 121 FC Singers, MUS 122 Men’s Chorus OR MUS 123 Women’s Chorus, two semesters

Applied Study Requirements:
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

PLUS: One course with the ART or THE prefix
Music Course Descriptions

Private music lessons
Instruction in voice, piano, classical guitar, woodwind, brass, and string is offered on a private-lesson basis to all Franklin College students. There is an additional $200 fee assessed per credit each semester. This fee entitles the student to take 14 half-hour lessons. The student may register for private lessons in as many subsequent semesters as desired.

- MUS 101 Applied Voice 1 hour credit
- MUS 102 Applied Piano 1 hour credit
- MUS 102B Applied Percussion 1 hour credit
- MUS 103 Applied Guitar 1 hour credit
- MUS 104 Applied Woodwind 1 hour credit
- MUS 105 Applied Brass 1 hour credit
- MUS 106 Applied String 1 hour credit

MUS SEM Performance Seminar  no credit
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. Fall and Spring.

MUS 110 Theory and Musicianship I 3 hours credit
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. Satisfies fine arts exploratory requirement. Fall.

MUS 111 Theory and Musicianship II 3 hours credit
Theory and Musicianship II is the second 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 diatonic harmony. Prerequisite: Grade of C- or better in MUS 110 or equivalent. Spring.

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 119 Introduction to Music 4 hours credit
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. Satisfies fine arts exploratory requirement. Fall and spring.
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. Satisfies fine arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125. Graded. Fall and Spring.

MUS 122 Men’s Chorus
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. Satisfies fine arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125. Graded. Fall and Spring.

MUS 123 Women’s Chorus
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. Satisfies fine arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125. Graded. Fall and Spring.

MUS 124 Franklin College Band
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. Satisfies fine arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125. Graded. Fall and Spring.

MUS 125 String Ensemble
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. Satisfies fine arts exploratory if accumulated at least four credit hours between any combinations of MUS 121-125. Graded. Fall and Spring.

MUS 126 Piano Accompanying
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 170 Class Guitar I
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. Fall and spring.

MUS 171 Class Guitar II
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. Prerequisites: MUS 170 or audition. Fall and spring.
MUS 180 Class Piano I  
2 hours credit  
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. Fall.

MUS 181 Class Piano II  
2 hours credit  
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.  
Prerequisite: A grade of C- or better in MUS 180 or equivalent. Spring.

MUS 210 Theory and Musicianship III  
3 hours credit  
Theory and Musicianship III is the third 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 chromatic harmony.  
Prerequisite: Grade of C- or better in MUS 111. Fall, odd academic years.

MUS 211 Theory and Musicianship IV  
3 hours credit  
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.  
Prerequisite: Grade of C- or better in MUS 210. Spring, odd academic years.

MUS 219 World Music  
4 hours credit  
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. Satisfies fine arts and intercultural exploratory requirements. Fall.

MUS 300 Topics in Music  
3 hours credit  
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 for academic affairs.

MUS 310 Conducting and Score Preparation  
2 hours credit  
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.  
Prerequisites: Grade of C- or better in MUS 110 and 111. Spring, odd academic years.

MUS 335 Music History  
4 hours credit  
This course is a survey of Western Music from the Medieval period to the present. The course will offer opportunities to become involved with music from a historical perspective. We will examine many works representing various genres and stylistic periods.  
Prerequisite: MUS 110 or consent of instructor. Fall.

MUS 343 Survey of Vocal and Choral Literature  
3 hours credit  
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. Fall, even academic years.
MUS 344 Vocal Pedagogy  3 hours credit
This course presents the various aspects of teaching private and group voice lessons. A study of teaching techniques will be presented and will emphasize vocal anatomy and physiology as well as components of respiration, phonation and resonance. A survey of repertoire and technique books will be analyzed for appropriateness with differing ability levels. All aspects of the course will focus on developing musicianship skills, voice technique, and artistry in students of singing. Spring, even academic years.

MUS 353 Survey of Piano Literature  3 hours credit
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. Satisfies intercultural exploratory requirement. Fall, even academic years.

MUS 354 Piano Pedagogy  3 hours credit
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. Spring, even academic years.

MUS 359 Music Methods  2 hours credit
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. Offered on demand.

MUS 482 Music Practicum  1-2 hours credit
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. Instructor permission is required.

MUS 490 Independent Study  1-2 hours credit
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. Prerequisite: departmental and instructor consent.

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
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. Prerequisites: MUS 110, 111, 112, 210, 211, 310, 330, and 331.

SNR/SNT 489 (MUS) Senior Recital  1 hour credit
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.
PHILOSOPHY

Department: Philosophy and Religion
Department Chair: D. Chandler
Department Members: J. Alexander, D. Carlson, D. Chandler

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 300 and 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 220 Principles of Ethics
PHL 499 Senior Competency Practicum

Professional Development Requirements:
PDP 200 Preparing for Your Internship
SNR/SNT 489 (PHL) Sr Yr Exper/Project
PHL 498 Portfolio Develop. Practicum

Plus ONE of the following:
PHL 115 Introductory Logic
PHL 116 Intro to Philosophy
(PhL 115 or 116, while required, is not included in the 24 hours required for the major.)

Plus TWO of the following:
PHL 310 Ancient & Medieval Philosophy
PHL 320 Modern Philosophy
PHL 330 Contemporary Philosophy

Plus ONE of the following: (not same course as used above)
HIS 325 History of American Thought
PHL/REL 250 Living Religions East
PHL 310 Ancient & Medieval Philosophy

PLUS 9-10 additional hours in PHL (to meet a minimum 24 semester hours beyond PHL 115/116.)

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 340 Advanced Logic
PHL 490 Individualized Study (two credit hours - relating philosophy to some aspect of the student’s major)

Plus ONE of the following:
PHL 310 Ancient & Medieval Philosophy
PHL 320 Modern Philosophy
PHL 330 Contemporary Philosophy

Plus ONE of the following:
PHL 220 Principles of Ethics
PHL/POL 360 Social & Political Thought

Plus ONE additional PHL course beyond those listed above
Philosophy Course Descriptions

PHL 115  Introductory Logic  4 hours credit
An examination of what constitutes sound or persuasive reasoning. The course aims at enhancing the student’s ability to discover the structure of an argument. Satisfies philosophy and religion exploratory requirement. Fall.

PHL 116  Introduction to Philosophy  4 hours credit
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? Satisfies philosophy and religion exploratory requirement. Fall and spring.

PHL 220  Principles of Ethics  3 hours credit
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. Satisfies philosophy and religion exploratory requirement. Spring.

PHL 250  Living Religions East  4 hours credit
Historical development, cultural influences, and contemporary expression of Hinduism, Buddhism, Confucianism, Taoism, and Shinto. Same as REL 250. Satisfies philosophy and religion and intercultural exploratory requirements. Spring, even academic years.

PHL 300  Topics in Philosophy  3 hours credit
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 for academic affairs.

PHL 310  Ancient and Medieval Philosophy  4 hours credit
The history of philosophy from ancient Greece to the end of the Medieval period. The course includes major thinkers, such as Socrates, Plato, Aristotle, Augustine, and Aquinas. As well, it includes the beginnings of Christianity. Fall, odd academic years.

PHL 320  Modern Philosophy  4 hours credit
The history of philosophy from the Renaissance and the Protestant Reformation to the 19th century. The course includes Descartes and rationalism; Locke, Hume, and empiricism; Kant, Hegel, and idealism. Spring, even academic years.

PHL 330  Contemporary Philosophy  4 hours credit
The history of philosophy from the mid-19th century to the present. The course includes reactions to idealism as well as pragmatism, positivism, existentialism, and phenomenology. Spring, odd academic years.

PHL 340  Advanced Logic  3 hours credit
Study of the structures of thought in specialized areas, including several of the following: Formal logic, patterns of thought appropriate to the study of the law, of history, of art criticism, ethics, theology, and science. Spring, odd academic years.

PHL 360  Social and Political Thought  4 hours credit
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. Fall.
PHL 365 Philosophy of Religion  
4 hours credit
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. Fall, even academic years.

PHL 470 Seminar: Themes in Philosophic Inquiry  
3 hours credit
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. Prerequisite: consent of instructor.

PHL 482 Philosophy Practicum  
1-2 hours credit
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 hours credit
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. Departmental consent is required.

PHL 498 Portfolio Development Practicum  
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 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. Co-requisites: PHL 499 and SNR/SNT 489.

PHL 499 Senior Competency Practicum  
no credit
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. Co-requisites: PHL 498 and SNR/SNT 489.

SNR/SNT 489 (PHL) Senior Year Experience/Project  
2 hours credit
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. Co-requisites: PHL 498 and PHL 499.
PHYSICAL EDUCATION

Department: Kinesiology
Department Chair: K. Eiler
Department Members: M. Britner, K. Eiler, S. Gaven, K. Noerr, K. Remsburg

Major: Physical Education
Minor: Coaching

The department of physical education at Franklin College is designed to prepare students with current facts, principles, and the general knowledge base to teach physical education and health on the K-12 levels. Through lecture, discussion, laboratories, microteaching, field experiences and internships, students gain the necessary knowledge and develop the appropriate skills to make sound judgments and to be successful professionally. Franklin College students completing the education department and physical education major requirements will be prepared to plan, organize, implement and apply practical knowledge in teaching physical education and health.

Franklin College Physical Education teacher education program encompasses elementary (primary and intermediate), and secondary (5-12) settings and complies with all appropriate developmental standards. The Physical Education program is based on the content standards for teachers of physical education and health.

Please refer to Teacher Education major in the Education section of this catalog for requirements on acceptance into the Teacher Education Program, education courses descriptions, approval for student teaching, program fees, and teacher licensure.

Grade Requirements:
A “C” minimum is required for all major and minor required courses. A “C-” minimum is required for all related field required courses, unless otherwise noted.
Physical Education Teaching Major-K-12 with Health

**Liberal Arts Core Curriculum:** See Secondary Education License Areas in the Education section of the catalog and Liberal Arts for course requirements.

**Exploratory Courses:** See Liberal Arts requirements in this catalog for specific courses.

**Professional Secondary Education Courses:** Students must earn at least a ‘C’
- EDU 124 Intro to Teaching & Am Ed.
- EDS 326 Instructional Strategies I
- EDP 222 Exceptional Child/Inclusion
- EDS 327 Instructional Strategies II
- EDU 222 Child Development/Ed Psy
- EDS 422 Teaching Read. in Content Area
- EDU 223 Children’s and Adolescent Lit
- EDU 443 Interdisciplinary Unit
- EDU 225 General Methods
- EDS 456 Professional Development
- EDU 227 Grammar & Linguistics
- PED 424 Curr. And Methods of Phys Ed
- EDU 315 Diversity in the Classroom
- EDS 499 Senior Edu. State Comp. Exam
- EDS 457 Effective Methods of Assessment & Evaluation

**Related Coursework:** (required)
- PSY 117 General Psychology (Soc. Sci.)

**Field Experiences:** A grade of satisfactory ‘S’ is required in all field experiences.
- Students must earn at least a grade of a ‘C’ in SST 489 Student Teaching.
- SFE 284 Field Experience
- SFE 484 Field Experience
- SFE 384 Field Experience
- SST 489 Student Teaching
- SFE 385 Field Experience

**Winter Term:** A grade of satisfactory ‘S’ is required in all internships.
- INE 200 Internship in Education
- Winter Term Course or LA 112 (fresh year)
- INE 300 Internship in Education

**Physical Education K-12 with Health Content Course Requirements:** Students must earn at least a ‘C’ in any content course designated/required for certification.
- EXE 208 Basic Principles of Nutrition
- EXE 221 Contem. Issues in Health & Well.
- PED 327 Intro. to Adapted Physical Ed.
- EXE 222 First Aid & CPR/AED
- PED 341 Org. & Ad. of P.E. Programs
- EXE 372 Exercise Physiology
- PED 343 Curr & Mthd of Hlth & Safe
- EXE 372L Exercise Physiology Lab
- EXE 387 Biomechanics
- EXE 387L Biomechanics Lab
- PED 424 Curriculum/Methods P.E.
- PED 234 Intro Tchg & Coaching Phys Act

**Related Field Requirements:** Students must earn a minimum of a ‘C-’ in related field courses.
- BIO 110 Intro to Human Anat. and Phys. OR BIO 115 Human Anatomy & Physiology I
- BIO 120 Human Anatomy & Physiology II
- EXE 119 Concepts of Wellness
- BIO 120L Human Anatomy & Physiology II Lab
**Highly Recommended:**
- EDU 401 CPR/AED for Education Majors
- PED 110 Lifeguard Training
- PED 115 Officiating in Volleyball
- PED 116 Officiating in Basketball
- PED 333 Coaching Baseball/Softball
- PED 334 Coaching Basketball
- PED 335 Coaching Football
- PED 336 Coaching Volleyball
- PED 337 Coaching Track/Field
- PED 338 Coaching Soccer
- PED 339 Coaching Swimming

**Coaching Minor (not a licensure area)**

**Core Requirements:** *Students must earn at least a ‘C’*
- EXE 208 Basic Principles of Nutrition
- EXE 222 First Aid & CPR/AED
- EXE 372 Exercise Physiology
- EXE 372L Exercise Physiology Lab
- EXE 387 Biomechanics
- EXE 387L Biomechanics Lab

**Plus ONE of the following:** *Students must earn at least a ‘C’*
- ATR 144 Introduction to Sports Medicine
- EXE 244 Intro to Stgth & Condit Methods
- EXE 337 Coaching Track/Field
- PED 338 Coaching Soccer
- PED 339 Coaching Swimming
- PED 345 Fund Skills in M.S. Phys Ed
- PED 350 Fund Skills in Sec Phys Ed
- PED 490 Ind. Study (other coaching classes by student interest)

**Related Field Requirements:** *Students must earn a minimum of a ‘C-’ in related field courses.*
- BIO 110 Intro to Human Anat. and Phys. *OR* BIO 115 Human Anatomy & Physiology I
- BIO 120 Human Anatomy & Physiology II
- BIO 120L Human Anatomy & Physiology II Lab
Physical Education Course Descriptions

**PED 004 Physical Education Activity**  
1 hour credit  
Participation courses involving a variety of sports and activities. Each course includes the origin of the sport, etiquette, fundamental skills, rules, and strategy. Course fees may be associated with some activity classes. Fall and spring.

**PED 009 Varsity Sports**  
1 hour credit  
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. Fall and spring.

**PED 110 Lifeguard Training**  
2 hours credit  
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. Spring.*

**PED 112 Water Safety Instructor**  
2 hours credit  
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. On demand – Fall or Spring.*

**PED 115 Officiating in Volleyball**  
1 hour credit  
Responsibilities, mechanics, and techniques of officiating volleyball are learned through practical experience. IHSAA certification is available. Course fee: $50 (fee also covers PED 116). Fall.

**PED 116 Officiating in Basketball**  
1 hour credit  
Responsibilities, mechanics, and techniques of officiating basketball are learned through practical experience. IHSAA certification is available. Course fee: $50 (fee also covers PED 115). Spring.

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

**PED 250 Fundamental Skills in Elementary Physical Education**  
4 hours credit  
This course focuses on how and what to teach in the elementary school physical education setting. The curriculum will be based on skill themes, movement concepts, and fundamental motor, manipulative and body management skills for elementary students with and without disabilities. *Prerequisite: PE K-12 majors - PED 234, EDU 124 or consent of instructor. Spring.*

**PED 300 Topics in Physical Education**  
1-3 hours credit  
A topic of current interest in physical education 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 for academic affairs.
**PED 327 Introduction to Adapted Physical Education**  
2 hours credit  
This course is designed to provide basic knowledge of terminology associated with and the general characteristics pertaining to students with disabilities. In addition, the course will address federal and state laws pertaining to the education of individuals with disabilities, and the process for referral and placement in the least restrictive environment. Students will have the opportunity to work with individuals with disabilities in a public school setting. *Prerequisite: PE K-12 majors – PED 234, EDU 124, or consent of instructor.* Fall, even academic years.

**PED 333 Coaching Baseball and Softball**  
1 hour credit  
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.* Spring, odd academic years (second seven weeks).

**PED 334 Coaching Basketball**  
1 hour credit  
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.* Spring (first seven weeks).

**PED 335 Coaching Football**  
1 hour credit  
History, rules, offensive and defensive systems of football, current trends, and coaching methods are covered. *PED 234 is highly recommended as a prerequisite.* Fall (first seven weeks).

**PED 336 Coaching Volleyball**  
1 hour credit  
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.* Fall, even academic years (second seven weeks).

**PED 337 Coaching Track and Field**  
1 hour credit  
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.* Spring, even academic years (second seven weeks).

**PED 338 Coaching Soccer**  
1 hour credit  
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.* Fall, odd academic years (second seven weeks).

**PED 339 Coaching Swimming**  
1 hour credit  
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. On demand – Fall or spring (seven weeks).

**PED 341 Organization and Administration of Physical Education Programs**  
3 hours credit  
Administrative and organizational procedures and techniques involved in conducting successful K-12 physical education programs. Same as EXE 341. Fall.

**PED 343 Curriculum and Methods of Health and Safety**  
2 hours credit  
This course provides prospective health teachers with the materials, methods, resources, and public health services available to enhance effective middle and secondary school health and safety instruction. *Prerequisite: PE K-12 majors – PED 234, EDU 124, or consent of instructor.* Fall, odd academic years.
PED 345 Fundamental Skills in Middle School Physical Education   3 hours credit
This course focuses on how and what to teach in the middle school physical education setting. The curriculum will be based on a variety of movement forms and will assist the students in exploring developmentally appropriate activities that are personally enjoyable and meaningful to middle school students with and without disabilities. Prerequisites: PE K-12 majors - PED 234, PED 250, EDU 225 or consent of instructor. Fall.

PED 350 Fundamental Skills in Secondary Physical Education   3 hours credit
This course focuses on how and what to teach in the secondary school physical education setting. The curriculum will be based on promoting a lifetime of physical fitness that will produce competent and confident participants. Skill themes and movement concepts will be refined in sport specific and wellness activities for secondary students with and without disabilities. Prerequisites: PE K-12 majors – PED 234, PED 250, PED 345, EDU 225 or consent of instructor. Spring.

PED 424 Curriculum and Methods of Physical Education   3 hours credit
A study of the physical education curriculum in K-12. Special methods for teaching curricular content and an examination of materials and other resources appropriate to both the discipline and the grades K-12. To be taken during the fall semester of the student teaching year. To be taken concurrently with SFE 484. Prerequisites: PED 234, PED 250, PED 345 PED 350, and EDU 225 and admission to the student teaching program. Fall.

PED 470 Seminar   2 hours credit
Advanced study of selected physical education coaching or health problems. Fall and spring.

PED 480 Internship in Athletics   4 hours credit
A practical experience in a physical education or athletic setting equivalent to four weeks full-time employment. PED 480 will fulfill four semester hours of the winter term requirement. Prerequisite: Departmental Consent.

PED 482 Practicum in Athletics   1-2 hours credit
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. Fall and spring.

PED 490 Independent Study   1-2 hours credit
Individualized, independent research project in a student’s field of interest in physical education not thoroughly covered in regular courses. Prerequisite: at least 18 semester hours of physical education and the consent of the instructor. Fall and spring.
POLITICAL SCIENCE

Department Chair: R. Smith  
Department Members: A. Fetter-Harrott, R. Smith

Major: Political Science  
Minors: Political Science, International Relations

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. To fulfill this mission, 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.

As a result of this experience, 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).
Political Science Major

Core Requirements:
POL 110 Amer. National Government  POL 470 Senior Seminar
POL/PHL 360 Social & Political Thought  POL 499 Senior Competency Practicum

Plus ONE course from the following:
POL 410 American Constitutional Law I  POL 420 American Constitutional Law II

Immersive Learning Requirement – one of the following:
POL 225 State & Local Politics
POL 234 American Political Participation
POL 275 Law & Politics in American Society
Any other experiential course relating to political sciences by approval of the Department

Plus TWO courses from the following: (not the same courses as used above)
POL 225 State & Local Government  POL 336 Introduction to Public Policy
POL 234 American Political Participation  POL 350 Public Administration
POL 275 Law & Politics in Amer Soc.  POL 410 American Constitutional Law I
POL 315 American Congress  POL 420 American Constitutional Law II
POL 316 American Presidency

Plus TWO courses from the following: (not the same course as used above)
POL 120 Intro to International Relations  POL 320 Intrntl Security & Conflict Mngt
POL 130 Intro to Comparative Politics  POL 341 Int'l. Law & Organizations
POL/CAN 250 Comparative Politics in Developed Countries  POL 390 American Foreign Policy

PLUS: If necessary, additional POL credits to meet the minimum required of 25 hours beyond POL 110.

Professional Development Requirements:
PDP 200 Preparing for Your Internship  SNR/SNT489 (POL) Sr. Yr Intern/Project
POL 498 Portfolio (take with POL 470)

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 Science Minor

Core requirements:
- POL 110 Amer. National Government
- POL 120 Intro. to International Relations
- POL 130 Intro. to Comparative Politics
- POL 360 Social & Political Thought

Plus ONE course from the following:
- POL 410 American Constitutional Law I
- POL 420 American Constitutional Law II

International Relations Minor

NOTE: This minor is not available to political science majors.

Core requirements:
- POL 120 Intro. to International Relations
- POL 130 Intro. to Comparative Politics
- POL 341 International Law & Org.
- POL 360 Social & Political Thought

Plus ONE of the following:
- BUS/ECO 350 Int'l Economics & Finance
- HIS 361 East Asian History
- CAN/POL 250 Comparative Politics in Developed Countries
- HIS 365 History of the Middle East
- PHL/REL 250 Living Religions East

PLUS: TWO semesters of a foreign language offered by Franklin College.
# Political Science Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 110</td>
<td>American National Government</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Introduction to the basic principles, theories, and major factors which influence decision-making within the political process. Satisfies social sciences exploratory requirement. Fall and spring.</td>
<td></td>
</tr>
<tr>
<td>POL 120</td>
<td>Introduction to International Relations</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>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. Satisfies intercultural and social sciences exploratory requirements. Fall.</td>
<td></td>
</tr>
<tr>
<td>POL 130</td>
<td>Introduction to Comparative Politics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>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. Satisfies intercultural and social sciences exploratory requirement. Spring.</td>
<td></td>
</tr>
<tr>
<td>POL 225</td>
<td>State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>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. Spring, odd academic years.</td>
<td></td>
</tr>
<tr>
<td>POL 234</td>
<td>American Political Participation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>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. Fall, even academic years.</td>
<td></td>
</tr>
<tr>
<td>POL 250</td>
<td>Comparative Politics in Developed Countries</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>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. Same as CAN 250. Satisfies international exploratory requirement. <strong>Prerequisite:</strong> CAN 130 or POL 130 or consent of instructor. On demand.</td>
<td></td>
</tr>
<tr>
<td>POL 275</td>
<td>Law and Politics in American Society</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>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. Fall, odd academic years.</td>
<td></td>
</tr>
<tr>
<td>POL 300</td>
<td>Topics in Political Science</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>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 for academic affairs. Spring.</td>
<td></td>
</tr>
<tr>
<td>POL 315</td>
<td>American Congress</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>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. <strong>Prerequisite:</strong> POL 110. Offered on demand.</td>
<td></td>
</tr>
</tbody>
</table>
POL 316 American Presidency  4 hours credit
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. Prerequisite: POL 110. Offered on demand.

POL 320 International Security and Conflict Management  4 hours credit
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. Prerequisite: POL 120. Offered on demand.

POL 336 Introduction to Public Policy  3 hours credit
Introduction to the elements of the American public policy process including the identification, formation, adoption, implementation, and impact stages. Prerequisite: POL 110. Fall, even academic years.

POL 341 International Law and Organizations  4 hours credit
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. Satisfies intercultural exploratory requirement. Prerequisite: POL 120. Spring, odd academic years.

POL 350 Public Administration  3 hours credit
Theories and processes of public bureaucracy with emphasis on alternate efficiency and accountability problems in a democratic political system. Prerequisite: POL 110. Offered on demand.

POL 360 Social and Political Thought  4 hours credit
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. Fall.

POL 375 Justice and Advocacy  2 hours credit
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. Prerequisite: POL 275. Fall, odd academic years.

POL 390 American Foreign Policy  4 hours credit
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. Prerequisite: POL 120. Offered on demand.

POL 410 American Constitutional Law I: Powers and Duties  4 hours credit
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. Prerequisite: POL 110. Fall, even academic years.

POL 420 American Constitutional Law II: Civil Rights and Liberties  4 hours credit
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. Prerequisite: POL 110. Spring.
POL 470  Senior Seminar  3 hours credit
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. Corequisites: POL 498. Prerequisites: POL 110, 360, and either POL 410 or POL 420. Spring.

POL 482  Political Science Practicum  1-2 hours credit
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 hours credit
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. Departmental consent is required.

POL 498  Portfolio  no credit
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. Corequisites: POL 470. Spring.

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 hours credit
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:
- PHL 340 Advanced Logic
- POL 275 Law & Politics in Amer Society
- POL 110 American National Government

Category A: Plus ONE course from:
- ENG 227 The English Language
- ENG 328 Advanced Composition

Category B: Plus ONE course from:
- BUS 341 Business Law I
- MMJ/PRL 445 Communication Law
- POL 341 International Law & Organizations
- POL 410 American Constitutional Law I
- POL 420 American Constitutional Law II

Category C: Plus 10 or 11 semester hours* from the following:
- ACC 221 Principles of Accounting I
- ACC 222 Principles of Accounting II
- BIO 225 Bioethics
- BIO/CHE 334 Biochemistry
- BIO/CHE 392 Tech. in Biotech. & Biochem.
- BUS/ECO 340 Government and Business
- BUS/ECO 360 Econ of Labor & Labor Rela.
- ECO 115 Principles of Economics
- ECO 221 Intermed. Microeconomic Theory
- ENG 333 Shakespeare
- HIS 325 History of American Thought
- HIS 331 African American History
- HIST 332 History of Women in the U.S.
- LEA 210 Foundations of Leadership
- MAT/PSY 224 Basic Applied Statistics
- PHL 220 Principles of Ethics
- PHL 320 Modern Philosophy
- PHIL 330 Contemporary Philosophy
- 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
- SOC 325 History of American Thought

*Students who take either BUS 341 Business Law or MMJ/PRL 445 Communication Law in a Digital World to fulfill their Category B requirement must take 11 hours from Category C. All others must take only 10 hours from Category C.
Additionally, students may petition the Pre-Law Program Advisors to substitute another course not listed in the catalogue (such as a Topics, Winter Term, or Independent Study course) to meet the 10 or 11 hour requirement.

**PLUS:**
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: A. Bracken, J. Bromley, K. Flora

Major: Psychology
Minors: Psychology, Neuroscience
Cooperative Program: Accelerated Master of Public Health

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 is intended to communicate 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.
Psychology Major (minimum of 30 semester hours as follows)
All major courses and prerequisites must be completed with a grade of C- or better.

Core requirements:
- PSY 117 General Psychology
- PSY 224 Basic Applied Statistics
- PSY 227 Introduction to Social Science Methods
- PSY 240 Abnormal Psychology
- PSY 320 Social Psychology

PSY 322 Physiological Psychology
PSY 419 Experimental Psychology I
PSY 420 Experimental Psychology II
PSY 422 History and Systems
PSY 499 Senior Comp. Practicum

Professional Development requirements:
- PSY 200 Careers in Psychology
- PSY 482 Psychology Practicum
- PSY 498 Portfolio
- SNT 489 PSY Internship in Psych

Plus ONE course from TWO of the following three categories:

Category A (Developmental/Applied):
- PSY/SOC 220 Gerontology
- PSY 226 Lifespan Development
- PSY 416 Health Psychology

Category B (Personality/Counseling):
- PSY 310 Introduction to Counseling
- PSY/LA 315 Cross-Cultural Psychology
- PSY 421 Theories of Personality

Category C (Cognitive/Biological):
- PSY 324 Psychology of Learning
- PSY 326 Drugs, Brain, and Behavior

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 freshman 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. Additionally, it is recommended that PSY 224 be taken concurrently with or prior to PSY 227. 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.
Psychology Minor
All courses must be complete with a grade of C- or better.

Core requirements:
PSY 117 General Psychology

Plus FOUR of the following: 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. At least one of the four courses must be a 300 or 400 level course.

- PSY 224 Basic Applied Statistics
- PSY 226 Lifespan Development
- PSY 227 Intro to Social Science Methods
- PSY 240 Abnormal Psychology
- PSY 310 Introduction to Counseling
- PSY 320 Social Psychology

- PSY 322 Physiological Psychology
- PSY 324 Psychology of Learning
- PSY 326 Drugs, Brain, & Behavior
- PSY 416 Health Psychology
- PSY 421 Theories of Personality

Neuroscience Minor

Core Requirements:
PSY 117 General Psychology
PSY 322 Physiological Psychology
Independent study, research, or Internship related to Neuroscience (2 credit minimum)

Plus:
BIO 115 AND BIO 120/120L Human Anatomy & Physiology I & II & Lab
Or: BIO 360 Animal Physiology

Plus ONE of the following:
PSY 324 Psychology of Learning
PSY 326 Drugs, Brain, and Behavior

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 intercultural/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 intercultural 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.
## Psychology Course Descriptions

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 117</td>
<td>General Psychology</td>
<td>4 hours</td>
<td>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. Satisfies social sciences exploratory requirement. Fall and spring.</td>
</tr>
<tr>
<td>PSY 200</td>
<td>Careers in Psychology</td>
<td>1 hour</td>
<td>This course is designed to provide an overview of the discipline, including exploring career options, success strategies in psychology courses, introduction to APA format and the graduate school admissions process. Students will complete several reflections and self-assessments with the intent of understanding personal strengths and weaknesses and how this may impact their study of psychology. Spring.</td>
</tr>
<tr>
<td>PSY 220</td>
<td>Gerontology</td>
<td>4 hours</td>
<td>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. Prerequisite: PSY 117 or SOC 118. Spring, odd academic years.</td>
</tr>
<tr>
<td>PSY 224</td>
<td>Basic Applied Statistics</td>
<td>3 hours</td>
<td>An introduction to statistical reasoning for students in life and social sciences. 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/SOC 224. Students cannot receive credit for both. Prerequisite: LA 103, MAT 135, or MAT 181. Fall and spring.</td>
</tr>
<tr>
<td>PSY 226</td>
<td>Lifespan Development</td>
<td>4 hours</td>
<td>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. Prerequisite: PSY 117. Spring, even academic years.</td>
</tr>
<tr>
<td>PSY 227</td>
<td>Introduction to Social Science Methods</td>
<td>3 hours</td>
<td>This course will prepare students for upper-level social science courses by teaching students to review, research, and report using social science methodologies centered on a contemporary topic. This team-taught course will introduce students to three different social science research methods (qualitative research, survey analysis, and experimental design) from multiple social science perspectives. Students will also learn how to use Microsoft Word to format papers and SPSS to analyze data. It is recommended that students take this course before taking advanced social science courses. Same as SOC 227. Prerequisites: PSY 117 or SOC 118 or POL 110 or POL 120 or POL 130 or consent of instructors. Fall and spring.</td>
</tr>
<tr>
<td>PSY 240</td>
<td>Abnormal Psychology</td>
<td>4 hours</td>
<td>Offers a survey of adult abnormal psychology integrating theory and research with case histories and first-person narratives. Prerequisite: PSY 117. Fall, even academic years and Spring, odd academic years.</td>
</tr>
<tr>
<td>PSY 300</td>
<td>Topics in Psychology</td>
<td>3-4 hours</td>
<td>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 for academic affairs.</td>
</tr>
</tbody>
</table>
PSY 310  Introduction to Counseling  4 hours credit
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. Prerequisite: PSY 117. Spring, even academic years.

PSY 315 Cross-Cultural Psychology  3 hours credit
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. Satisfies LA 315 Liberal Arts Capstone. Prerequisite: PSY 117 and LA 101, 102, 103, 111, 112, and 201. Fall, even academic years.

PSY 320  Social Psychology  4 hours credit
Survey of laboratory and field research on the interaction of an individual with his or her social environment. Prerequisite: PSY 117 and junior or senior standing. Spring.

PSY 322  Physiological Psychology  4 hours credit
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. Prerequisite: PSY 117 or consent of instructor. Fall, even academic years and spring, odd academic years.

PSY 324  Psychology of Learning  4 hours credit
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. Prerequisite: PSY 117. Fall, odd academic years.

PSY 326  Drugs, Brain, and Behavior  3 hours credit
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. Prerequisite: PSY 117. Spring, even academic years.

PSY 345  Statistical Consulting Project  3 hours credit
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. Satisfies LA 315 Liberal Arts Capstone. Prerequisites: MAT/PSY/SOC 224, MAT 331, OR BUS 265. Spring, odd academic years.

PSY 416  Health Psychology  4 hours credit
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. Prerequisite: PSY 117. Fall, odd academic years.
PSY 419  Experimental Psychology I  3 hours credit
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. Prerequisites: PSY 117, PSY 227, plus junior or senior standing. Concurrent or prior enrollment in PSY 224 is also required. Fall.

PSY 420  Experimental Psychology II  3 hours credit
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. Corequisite: PSY 498. Prerequisites: PSY 224 and 419. Spring.

PSY 421  Theories of Personality  4 hours credit
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. Prerequisite: PSY 117 and junior or senior standing. Fall, odd academic years.

PSY 422  History and Systems  3 hours credit
Historical antecedents of contemporary psychological systems, with special emphasis on the relationship of these systems to contemporary psychological theory. Corequisite: PSY 499. Prerequisite: at least 15 semester hours of psychology excluding PSY 117, senior standing, psychology major. Spring.

PSY 470  Psychology Seminar  3 hours credit
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. Prerequisite: At least 12 semester hours of psychology and consent of instructor. Course offered on demand.

PSY 482  Psychology Practicum  1 hour credit
An advanced course for students to take after the completion of or concurrently with their internship in psychology. This course will require in-depth reflection and critical analysis of the internship experience. Emphasis will also be given to applying psychological concepts and identifying skills developed on internship. Students will also engage in professional development opportunities related to graduate school and the job search. Prerequisite: PSY 200 and completion of a departmental-approved internship Spring.

PSY 490  Independent Study  1-2 hours credit
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. Departmental consent is required.

PSY 498  Portfolio  no credit
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
The requirement for PSY 499 are met by the successful completion of the department’s required capstone course, PSY 422. A grade of ‘C’ or better is considered a passing grade.

SNT 489  PSY Internship in Psychology  2-4 hours credit
Senior year 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.
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: Denise Baird, Edward Chikwana, 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 winter term hours, and the liberal arts program requirements, with the exception that students must complete either the intercultural or international exploratory requirement. 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

Division: Journalism
Director: J. Krull
Division Head: J. Cramer
Faculty: R. Begovich, J. Cramer, W. Shapiro

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.
Public Relations Major
All courses for the major must be completed with a grade of C- or better.

Core Requirements:
PRL 150 Digital Photo & Audio Reporting  PRL 333 Public Relations Writing
PRL 155 Video for Digital Journalism  PRL 360 Design for the Internet
PRL 180 Publications Design  PRL 445 Communication Law Digital World
PRL 221 Public Relations Practice Areas  PRL 493 PR Sr Projects Sem in Intell Skills
PRL 231 Service Learning in PR  PRL 495 Senior Seminar in PR History
PRL 321 Current & Emerging Media in PR  PRL 499 Senior Competency Seminar

Professional Development Requirements:
PRL 120 Ethics & Prof Development  SNT 489 PRL Senior Year Internship
PRL 498 Portfolio Development Seminar

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.
  Minor Option – A minor in an academic field outside of public relations.
     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 public relations major.

Public Relations Minor
All courses for the minor must be completed with a grade of C- or better.

Core Requirements:
PRL 150 Digital Photo & Audio Reporting  PRL 221 Public Relations Practice Areas
PRL 155 Video for Digital Journalism  PRL 445 Communication Law Digital World

Plus ONE of the following:
PRL 180 Publications Design  PRL 333 Public Relations Writing

Plus ONE of the following:
PRL 231 Service Learning in PR  PRL 321 Current & Emerging Media in PR
**Public Relations Course Descriptions**

**PRL 120 Ethics and Professional Development**
2 hours credit
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 120. Fall and Spring.

**PRL 150 Introduction to Digital Photography and Audio Reporting**
2 hours credit
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. Fall and Spring.

**PRL 155 Video for Digital Journalism**
2 hours credit
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. Prerequisite: PRL/MMJ 150 or consent of instructor. Fall and spring.

**PRL 180 Publication Design**
3 hours credit
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. Fall and Spring.

**PRL 221 Public Relations Practice Areas**
3 hours credit
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. Prerequisite: PRL/MMJ 120 or permission of instructor. Spring.

**PRL 231 Service Learning in Public Relations**
3 hours credit
Students use their public relations knowledge and skills in a PR agency setting to provide pro bono (free/volunteer) communication services to local, regional, national or international nonprofit organizations. Course emphases include concepts and philosophies of service in undergraduate and professional settings, excellence in client services, strategic communications planning, development and implementation of creative communications concepts, and time/project management. Note: Because of the nature of working with clients, this course is likely to involve schedule changes, meetings outside the posted course hours, and meetings off campus. Prerequisites: PRL/MMJ 120 and PRL 221 or permission of instructor. Fall.

**PRL 300 Topics in Public Relations**
3 hours credit
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 for academic affairs.
PRL 321 Current and Emerging Media in Public Relations  
Focus is on using social media, mobile media, and new/developing media to communicate effectively on behalf of businesses and nonprofit organizations. Course also includes an emphasis on using traditional mass media outlets in public relations efforts, and on developing an effective “media mix” for ongoing reputation management and for new public relations campaigns. Prerequisites: PRL/MMJ 120 and PRL 221 or permission of instructor. Fall.

PRL 333 Public Relations Writing  
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 non-profit settings. Includes introduction to advertising copywriting. Prerequisites: PRL/MMJ 120 and PRL 221 or consent of instructor. Spring.

PRL 360 Design for the Internet  
Builds on fundamentals learned in previous courses and provides hands-on practice in developing the written and visual elements for delivering news in online digital formats. Focus in on designing news-focused and social media sites utilizing video, audio, slide shows and interactive blogs. Same as MMJ 360. Prerequisites: PRL/MMJ 180. Fall and Spring

PRL 380 Practicum in Public Relations  
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. Open only to sophomores, juniors, and seniors. Fall and Spring.

PRL 445 Communication Law in a Digital World  
A survey of communications law, including libel, privacy, free press/fair trial, reportorial privilege, access, and broadcast regulation. Same as MMJ 445. Fall.

PRL 490 Independent Study  
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. Prerequisite: consent of instructor. Fall and spring.

PRL 493 Public Relations Senior Projects Seminar in Intellectual Skills  
As part of the public relations overall senior-year experience, this course focuses on demonstrating Degree Qualification Profile, bachelor-degree-level competencies in the following intellectual skills: communication fluencies, use of information sources, and engagement with diverse perspectives. Taken concurrently with PRL 498 in the senior year. Prerequisites: PRL/MMJ 120, PRL 221, PRL 231, and PRL 333 or permission of instructor. Fall.

PRL 495 Senior Seminar in Public Relations History  
A survey of major developments – from ancient Greece until contemporary times – in communications, media, and, especially, public relations. Course includes an introduction to conducting public relations research. Also includes familiarization with classic case studies in public relations. Prerequisites: PRL/MMJ 120, PRL 221, PRL 231, and PRL 333 or permission of instructor. Taken concurrently with PRL 499. Spring.

PRL 498 Portfolio Development Seminar  
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. Taken concurrently with PRL 493 in the senior year. Fall.
PRL 499 Senior Competency Seminar  no credit
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. Taken concurrently with PRL 495 in the senior year. Spring.

SNR/SNT 489 (PRL) Senior Year Internship/Project  4-12 hours credit
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. Fall, Spring, Winter Term, Summer.
RELIGION

Department: Philosophy and Religion
Department Chair: D. Chandler
Department Members: J. Alexander, D. Carlson, D. Chandler

Major: Religion
Minor: Religion

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) 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 300 and 400 are not available to freshmen. All other religious studies courses are available as electives to all students. All prerequisites require a C- or better.

Core Requirements
The major in religious studies consists of 26 semester hours in religious studies, plus 12 semester hours in supporting fields.
REL 114 Introduction to Religion
REL 310 Historical Faith & Mod. Culture
REL 365 Philosophy of Religion
REL 499 Senior Competency Practicum

Professional Development Requirements:
PDP 200 Preparing for Your Internship
REL 498 Portfolio Dev. Practicum
SNR/SNT 489 (REL) Sr Yr Exper/Project

Plus ONE of the following:
REL 220 Old Testament Life & Lit.
REL 250 Living Religions East
REL 260 Living Religions West

PLUS additional REL course(s) to meet the minimum of 26 required

Related Field Requirements:
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 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)

Plus ONE of the following:
REL 220 Old Testament Life & Literature
REL 230 New Testament Life & Lit
REL 310 Historical Faith & Mod. Culture
REL 360 Contemporary Christian Thought
REL 365 Philosophy of Religion

PLUS additional REL course(s) to meet minimum requirement of 20 hours.
Religion Course Descriptions

REL 114  Introduction to Religion  4 hours credit
An exploration of introductory topics in religious studies: the origins of religion, God, the problem of evil, revelation and scripture, morality, and religious experience. Satisfies philosophy and religion exploratory requirement. Fall and Spring.

REL 210  Religion and the Environment  3 hours credit
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. Satisfies philosophy and religion exploratory requirement. Course is open to freshmen. Fall and Spring.

REL 220  Old Testament Life and Literature  3 hours credit
A study of the literature of the Old Testament as this literature arose in the historical experience of the people Israel. Satisfies philosophy and religion exploratory requirement. Fall.

REL 230  New Testament Life and Literature  3 hours credit
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. Spring.

REL 250  Living Religions East  4 hours credit
Historical development, cultural influences, and contemporary expression of Hinduism, Buddhism, Confucianism, Taoism and Shinto. Same as PHL 250. Satisfies philosophy and religion and intercultural exploratory requirements. Spring, even academic years.

REL 260  Living Religions West  4 hours credit
Historical development, cultural influences, and contemporary expression of Judaism, Christianity, and Islam studied through primary as well as secondary sources. Satisfies philosophy and religion and intercultural exploratory requirements. Spring, odd academic years.

REL 300  Topics in Religion  3 hours credit
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 for academic affairs.

REL 310  Historical Faith and Modern Culture  4 hours credit
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. Spring, even academic years.

REL 320  Theology and Literature  3 hours credit
Integration of certain major themes in recent literature with correlating themes in contemporary theology. Spring, even academic years.

REL 340  The Prophetic Experience of Israel  2 hours credit
A study of the rise of the Old Testament prophetic movement against the background of the Ancient Near East, focusing on the relationship of message to historical context. Prerequisite: REL 220. Offered on demand.

REL 350  Life of Jesus and Gospel Formation  2 hours credit
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. Prerequisite: REL 230. Fall, odd academic years.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL 360</td>
<td>Contemporary Christian Thought</td>
<td>4 hours</td>
<td>An exploration of themes and issues in the thought of significant 20th and 21st century Protestant, Roman Catholic, and Orthodox theologians. Spring, even academic years.</td>
</tr>
<tr>
<td>REL 365</td>
<td>Philosophy of Religion</td>
<td>4 hours</td>
<td>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. Fall, even academic years.</td>
</tr>
<tr>
<td>REL 470</td>
<td>Seminar: Themes in Religious Inquiry</td>
<td>3 hours</td>
<td>Topics in the biblical, historical, or theological area of religious inquiry, depending upon interests of students. Prerequisite: consent of instructor.</td>
</tr>
<tr>
<td>REL 482</td>
<td>Religion Practicum</td>
<td>1-2 hours</td>
<td>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.</td>
</tr>
<tr>
<td>REL 490</td>
<td>Independent Study</td>
<td>1-2 hours</td>
<td>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. Departmental permission is required.</td>
</tr>
<tr>
<td>REL 498</td>
<td>Portfolio Development Practicum</td>
<td>no credit</td>
<td>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. Co-requisites: REL 498 and SNR/SNT 489.</td>
</tr>
<tr>
<td>REL 499</td>
<td>Senior Competency Practicum</td>
<td>no credit</td>
<td>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. Co-requisites: REL 498 and SNR/SNT 489.</td>
</tr>
<tr>
<td>SNR/SNT 489 (REL)</td>
<td>Senior Year Experience/Project</td>
<td>2 hours</td>
<td>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. Co-requisites: REL 498 and REL 499.</td>
</tr>
</tbody>
</table>
Sociology

Department: Sociology
Department Chair: J. Jimerson
Department Member: D. Baird, J. Jimerson, S. Nelson

Major: Sociology (Optional Track: Criminal Justice)
Minors: Nonprofit Leadership, Sociology

Sociology students learn to scientifically analyze and evaluate social phenomena in ways that will benefit themselves and other people – personally, professionally, and politically.

The Franklin College Sociology Department introduces students to the fundamentals of sociology. Topics courses in Sociology (such as Corrections, Stratification, or Marriage and the Family) expose students to key data, debates, and paradigms in the study of that topic. Students who study Sociology will also learn how to apply scientific methods to social situations. Our faculty also emphasize the development of critical thinking, reading, and writing. Students also utilize quantitative reasoning. Finally, students participate in professional development activities by engaging in internships or other co-curricular and community-based experiences. Ultimately, the sociology department strives to create knowledgeable, critical, and conscientious alumni.
**Sociology Major:**
(All courses must be completed with a grade of ‘C-’ or better)

**Core requirements:**
- SOC 118 Introduction to Sociology
- SOC 224 Basic Applied Statistics
- SOC 227 Intro to Social Science Methods
- SOC 422 Sociological Theory
- SOC 425 Research Methods I
- SOC 427 Research Methods II
- SOC 429 Senior Comp Practicum

**Plus ONE from each of the following categories:**

**Category A**
- SOC 319 Gender and Sexualities
- SOC 325 Social Stratification
- SOC 330 Global Transformations

**Category B**
- SOC/NPL 230 Introduction to Nonprofits
- SOC 221 Marriage and Family
- SOC 323 Organizations
- SOC 340 Corrections

**Category C**
- SOC/PSY 220 Gerontology
- SOC/NPL 222 Social Problems and Nonprofit Responses
- SOC 321 Criminology

**Plus a Senior Year Experience which includes:**
- 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 as listed on preceding page minus the related field requirements

**PLUS**
- POL 110 American National Government*  
- POL 420 American Constitutional Law II  
- SOC 210 Criminal Justice

*NOTE: POL 110 American National Government is a prerequisite for POL 420; however, POL 410 is not a prerequisite for POL 420.

**Plus ONE of the following:**
- POL 235 American State & Local Government  
- POL 275 Law & Politics in American Society  
- PSY 240 Abnormal Psychology

- PSY 320 Social Psychology  
- SOC 323 Organizations

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

**Core Requirements:**
- SOC 118 Introduction to Sociology

**Plus FOUR additional SOC courses, two of which must be 300-level or higher.**

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

**Core Requirements:**
- BUS 100 Introduction to Business  
- LEA 100 Introduction to Personal Leadership Skills  
- NPL/SOC 222 Social Problems & Nonprofit Responses  
- NPL/SOC 230 Introduction to Nonprofits  
- NPL/LEA/SOC/LA 315 Nonprofit Leadership Capstone

**Plus ONE of the following:**
- BUS 367 Principles of Management  
- LEA course number 200-level or higher  
- SOC 323 Organizations
Sociology Course Descriptions

SOC 118 Introduction to Sociology  4 hours credit
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. Satisfies social sciences exploratory requirement. Fall and spring.

SOC 210 Criminal Justice  4 hours credit
Historical and philosophical background, structure, functions, and operation of the criminal justice system in the United States. Introduction to and principles of formal behavior control mechanisms. Prerequisite OR Co-requisite: SOC 118. Fall.

SOC 220 Gerontology  4 hours credit
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. Prerequisite: PSY 117 or SOC 118. Spring, odd academic years.

SOC 221 Marriage and the Family  4 hours credit
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. Prerequisite: SOC 118. Fall, odd academic years.

SOC 222 Social Problems and Nonprofit Responses  4 hours credit
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. Spring, even academic years.

SOC 224 Basic Applied Statistics  4 hours credit
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/PSY 224. Students cannot receive credit for both. Prerequisite: CMP 130, LA 103, MAT 135, or MAT 181. Fall and Spring.

SOC 227 Introduction to Social Science Methods  3 hours credit
This course will prepare students for upper-level social science courses by teaching students to review, research, and report using social science methodologies centered on a contemporary topic. This team-taught course will introduce students to three different social science research methods (qualitative research, survey analysis, and experimental design) from multiple social science perspectives. Students will also learn how to use Microsoft Word to format papers and SPSS to analyze data. It is recommended that students take this course before taking advanced social science courses. Same as PSY 227. Prerequisites: PSY 117 or SOC118 or POL 110 or POL 120 or POL 130 or consent of instructors. Fall and spring.
SOC 230 Introduction to Nonprofits  
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. Fall.

SOC 240 Sociology of Sport  
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 a great deal about progress, inside and outside of sports. Spring, even academic years.

SOC 300 Topics in Sociology  
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 for academic affairs. Prerequisite: SOC 118.

SOC 315 Nonprofit Leadership Capstone  
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/LA 315. Satisfies LA 315 Liberal Arts Capstone. Prerequisite: NPL/SOC 230 and all other LA courses. Spring, odd academic years.

SOC 319 Gender and Sexualities  
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. Prerequisite: SOC 118. Fall, even academic years.

SOC 321 Criminology  
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. Prerequisite: SOC 118 or consent of instructor. Spring.

SOC 323 Organizations  
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. Prerequisite: SOC 118 or consent of instructor. Spring.

SOC 325 Social Stratification  
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. Satisfies intercultural exploratory requirements. Prerequisite: SOC 118. Spring, even academic years.
**SOC 330 Global Transformations**  
4 hours credit  
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. *Prerequisite: SOC 118.* Spring, odd academic years.

**SOC 340 Corrections**  
4 hours credit  
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. *Prerequisite:* SOC 118 and either SOC 210 or SOC 321. Fall.

**SOC 422 Sociological Theory**  
4 hours credit  
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. *Prerequisite:* SOC 118. Fall.

**SOC 425 Research Methods I**  
4 hours credit  
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. *Prerequisites:* SOC 118 and SOC 227. Fall.

**SOC 427 Research Methods II**  
4 hours credit  
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. *Prerequisites:* SOC 224, SOC 227, and SOC 425. Spring.

**SOC 482 Sociology Practicum**  
1 hour credit  
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. Spring.

**SOC 490 Independent Study**  
1-2 hours credit  
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. Departmental consent.

**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 hours credit  
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.
Nonprofit Leadership Course Descriptions

**NPL 222 Social Problems and Nonprofit Responses**  
4 hours credit  
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. Spring, even academic years.

**NPL 230 Introduction to Nonprofits**  
4 hours credit  
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. Fall.

**NPL 315 Nonprofit Leadership Capstone**  
4 hours credit  
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/LA 315. Satisfies LA 315 Liberal Arts Capstone. **Prerequisite: NPL/SOC 230 and all other LA courses.** Spring, odd academic years.
SPANISH

Department: Modern Languages
Department Chair: J. Brown

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.

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. Credits for SPA 110 and SPA 111 only apply toward the 120 credit hours needed for graduation.
**Spanish Major Requirements**

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 FC 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.

For Spanish majors who spend a semester abroad in a Spanish-speaking country, an additional 8 hours of study abroad credit can be applied to the 28 hours of coursework at the 200-level or above, pending departmental approval prior to the term abroad. 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:** (must include at least two Culture/Literature Courses; CL = Culture/Literature, AS = Advanced Skills)

**Required Courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 211 Intermediate Reading, Writing, and Discussion</td>
<td></td>
</tr>
</tbody>
</table>

**Plus at least one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 300 Topics in Spanish (AS)</td>
<td>SPA 314 Spanish in the Work World (AS)</td>
</tr>
<tr>
<td>SPA 312 Pronunciation Comm (AS: 4 hrs)</td>
<td>SPA 316 One-Act Plays (AS: 4 hrs)</td>
</tr>
<tr>
<td>SPA 313 Altruism &amp; Engage in Com (AS)</td>
<td></td>
</tr>
</tbody>
</table>

**OR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 312 Pronunciation Comm (AS: 2 hrs)</td>
<td>&amp; SPA 316 One-Act Plays (AS: 2 hrs)</td>
</tr>
</tbody>
</table>

**OR**

Either SPA 312 (AS: 2hrs) or SPA 316 (AS: 2hrs) plus at least two hours from an internship, practicum, Modern Language House, or Study Abroad credit.

**Plus at least two of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 300 Topics in Spanish (CL)</td>
<td>SPA 332 Masterpieces of Span. Lit. (CL)</td>
</tr>
<tr>
<td>SPA 330 Chicano-Riqueños (CL)</td>
<td>SPA 334 Masterpcs. of Lat. Am. Lit. (CL)</td>
</tr>
<tr>
<td>SPA 331 Uncovering Latin America (CL)</td>
<td>SPA 337 Golden Age of Spanish Lit. (CL)</td>
</tr>
</tbody>
</table>

**PLUS:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 498 Portfolio</td>
<td>PDP 200 Preparing for Your Internship</td>
</tr>
<tr>
<td>SPA 499 Senior Essay</td>
<td>SNR/SNT 489 (SPA) Sr. Intern./Project</td>
</tr>
</tbody>
</table>

**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.
**HELPFUL NOTES:**
- The Advanced Skills courses (AS) can be taken in any order.
- The prerequisite for any Advanced Culture/Literature course (CL) is SPA 315 and any other Advanced Skills course (AS). (In other words, SPA 315 plus one of the following: SPA 300 (AS), SPA 312, SPA 313, SPA 314, or SPA 316. Unless the student receives departmental approval.
- Students must receive a grade of C- or better in a class in order to continue to the next level.
- 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. Check description of each individual course offering for designation or contact the department for questions.

**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 315 Adv. Grammar & Comp. (AS)
- SPA 211 Intermediate Reading, Writing, and Discussion

**Plus at least TWO of the following:**
- SPA 300 Topics in Spanish (AS/CL)
- SPA 330 Chicano-Riqueños (CL)
- SPA 312 Pronunciation Comm (AS: 4hrs)
- SPA 331 Uncovering Latin America (CL)
- SPA 313 Altruism/Engage. in Com. (AS)
- SPA 332 Masterpieces of Span. Lit. (CL)
- SPA 314 Spanish in the Work World (AS)
- SPA 334 Master. of Sp.-Am. Lit. (CL)
- SPA 316 One-Act Plays (AS: 4hrs)
- SPA 337 Golden Age of Spanish Lit. (CL)

SPA 312 Pronunciation Comm. (AS: 2hrs) & SPA 316 One-Act Plays (AS: 2hrs)

Either SPA 312 (AS: 2hrs) or SPA 316 (AS: 2hrs) plus at least two hours from an internship, practicum, Modern Language House, or Study Abroad credit.
HELPFUL NOTES:

- The Advanced Skills courses (AS) can be taken in any order.
- The prerequisite for any Advanced Culture/Literature course (CL) is SPA 315 and any other Advanced Skills course (AS). (In other words, SPA 315 plus one of the following: SPA 300 (AS), SPA 312, SPA 313, SPA 314, SPA 316.)
- Students must receive a grade of C- or better in a class in order to continue to the next level.
- 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. Check description of each individual course offering for designation or contact the department for questions.
Spanish Course Descriptions

SPA 110 Elementary College Spanish I
4 hours credit
Designed to provide students with a basic knowledge and comprehension of Spanish, with some degree of facility in conversation. Emphasis on Hispanic culture. Fall.

SPA 111 Elementary College Spanish II
4 hours credit
Continuation of SPA 110. Prerequisite: a grade of C- or better in SPA 110 or equivalent. Spring.

SPA 210 Intermediate Spanish
4 hours credit
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. Satisfies the international exploratory requirement. Prerequisite: a grade of C- or better in SPA 111 or equivalent. Fall.

SPA 211 Intermediate Reading, Writing, and Discussion
4 hours credit
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. Satisfies international exploratory requirement. Prerequisite: a grade of ‘C-' or better in SPA 210 or equivalent. Spring.

SPA 300 Topics in Spanish
2-4 hours credit
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 for academic affairs. Satisfies international exploratory requirement when offered as a 3 or 4 credit course. Prerequisite: a grade of C- or better in SPA 211 or consent of instructor.

SPA 312 Pronunciation for Communication
2 or 4 hours credit
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. Offered as a two-credit or four-credit option. Students who wish to take the two-credit option should enroll in section A on T R only. Students who prefer the four-credit option should enroll in section B on M T R F. Does not satisfy international exploratory requirement. Prerequisite: a grade of C- or better in SPA 211 or equivalent. Fee: $60 for Skype conversation partner arrangement. Offered on sufficient demand. Spring.

SPA 313 Altruism & Civic Engagement in Latino Communities
4 hours credit
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 treat the subject of 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. Satisfies international exploratory requirement. Prerequisite: a grade of C- or better in SPA 211 or consent of instructor. Spring, odd academic years.
SPA 314  Spanish in the Work World  4 hours credit
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. Satisfies international exploratory requirement. Prerequisite: a grade of ‘C-’ or better in SPA 211 or equivalent. Spring, even academic years.

SPA 315 Advanced Grammar and Composition  4 hours credit
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. Satisfies international exploratory requirement. Prerequisite: a grade of ‘C-’ or better in SPA 211 or equivalent. Fall.

SPA 316 One-Act Plays for Fluency  2 or 4 hours credit
Develops fluency in all four language skills utilizing one-act plays from Latin America. Includes discussion, writing, analysis and improvisational practice. Offered as a two-credit or four-credit option. Students who wish to take the two-credit option should enroll in section A on T R only. Students who prefer the four-credit option should enroll in section B on M T R F. Does not satisfy international exploratory requirement. Prerequisite: C- or better in SPA 211 or equivalent. Fall.

SPA 330 Chicano-Riqueños  4 hours credit
A historical, sociological, political and literary study of Mexican-Americans and Puerto Ricans in the United States. Readings are in English and Spanish; lectures and discussions are in Spanish. Satisfies international exploratory requirement. Prerequisite: Successful completion of SPA 315 plus one of SPA 300 (AS), 312, 313, 314, or 316 or consent of instructor. Spring, odd academic years.

SPA 331 Uncovering Latin America: Getting to Know the Unknown  4 hours credit
An in-depth contemporary study of four Spanish-American Cultures and Civilizations. Satisfies the international exploratory requirement. Prerequisite: Successful completion of SPA 315 plus one of SPA 300 (AS), 312, 313, 314, or 316 or consent of instructor. Spring, even academic years.

SPA 332 Masterpieces of Spanish Literature  4 hours credit
Analysis of the literary backgrounds of representative Spanish authors with assigned readings from these authors. Readings, lectures, and discussions are in Spanish. Satisfies international exploratory requirement. Prerequisite: Successful completion of SPA 315 plus one of SPA 300 (AS), 312, 313, 314, or 316 or consent of instructor. Fall, odd academic years.

SPA 334 Masterpieces of Spanish-American Literature  4 hours credit
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. Satisfies international exploratory requirement. Prerequisite: Successful completion of SPA 315 plus one of SPA 300 (AS), 312, 313, 314, or 316 or consent of instructor. Fall, even academic years.

SPA 337 Golden Age of Spanish Literature  3 hours credit
A selection of the masterpieces of this period are read and discussed in Spanish. Satisfies international exploratory requirement. Prerequisite: Successful completion of SPA 315 plus one of SPA 300 (AS), 312, 313, 314, or 316 or consent of instructor. Offered on sufficient demand.

SPA 482 Spanish Practicum  1-2 hours credit
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 hours credit
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. Departmental consent is required.

SPA 498  Portfolio  no credit
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. Fall.

SPA 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. Spring.

SNR/SNT 489 (SPA) Senior Year Internship/Project  1 hour credit
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 hours credit
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 for 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 hours credit
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 for academic affairs. Depending on the topic and/or level of the course, LAN course may satisfy either the intercultural or international exploratory requirement.
THEATRE

Department Chair: G. Strain
Theatre Faculty: N. Crisafulli, R. Roberts, G. Strain

Major: Theatre
Minor: Theatre

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.
Theatre Major
All degree requirements, related field courses, and prerequisites must be completed with a grade of C- or better.

**Required courses:**
THE 125 Script Analysis & Theory  THE 236 Production Design
THE 135 Stagecraft  THE/ENG 375 Dramatic Literature I
THE 170 Theatre History  THE/ENG 376 Dramatic Literature II
THE 205 Acting  THE 499 Sr. Competency Practicum
THE 220 Directing

**Plus THREE of the following:**
THE 235 Scenic Painting  THE 325 Directing II
THE 245 Playwriting  THE 351 Contemporary Drama
THE 305 Acting II

**Professional Development Requirements:**
THE 200 Professional Development  SNR/SNT 489 Senior Experience
THE 498 Portfolio

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

**Required courses:**
THE 125 Script Analysis & Theory  THE 205 Acting
THE 135 Stagecraft  THE 220 Directing

**Plus ONE of the following:**
THE 170 Theatre History  THE 245 Playwriting
THE 235 Scenic Painting  THE 305 Acting II
THE 236 Production Design  THE 325 Directing II

**Plus ONE of the following:**
THE/ENG 375 Dramatic Literature I  THE/ENG 376 Dramatic Literature II

**Plus ONE of the following:**
One course with ART prefix
One course with MUS prefix (Must be 3-4 credit hours)
Theatre Course Descriptions

THE 001  Theatre Activity  1 hour credit
Activity credit given for work on theatre productions. Graded on a pass/fail basis. Fall and spring.

THE 110  Theatre Appreciation  3 hours credit
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. Satisfies fine arts exploratory requirement. Fall and spring.

THE 125  Script Analysis and Theory  3 hours credit
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. 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. Satisfies fine arts exploratory requirement. Fall.

THE 135  Stagecraft  3 hours credit
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. Spring.

THE 170  Theatre History  3 hours credit
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. Research paper required. Satisfied fine arts exploratory requirements. Spring, even academic years.

THE 200  Professional Development  1 hour credit
A course designed to help theatre majors develop the necessary skills to make a successful transition into the professional world or graduate school. Spring.

THE 205  Acting  3 hours credit
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. Fall.

THE 220  Directing I  3 hours credit
Principles and theories of play selection, analysis, and conceptualization; auditioning, casting, and rehearsing; stage composition, picturization, and movement; and overall production management. Prerequisite: THE 205 or consent of instructor. Spring, odd academic years.

THE 235  Scenic Painting  3 hours credit
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. Prerequisite: THE 135 or consent of instructor. Fall, even academic years.

THE 236  Production Design  3 hours credit
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. Prerequisite: THE 135 or consent of the instructor. Fee: $50 nonrefundable for materials. Fall, odd years.
THE 245  Playwriting  3 hours credit
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. Spring, even academic years.

THE 300  Topics in Theatre  3 hours credit
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 for academic affairs.

THE 305  Acting II  3 hours credit
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. Prerequisite: THE 205. Spring, odd academic years.

THE 325  Directing II  3 hours credit
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. Prerequisite: THE 220 or consent of instructor. Spring, even academic years.

THE 375  Dramatic Literature I  3 hours credit
Reading and analysis of selected significant plays from ancient times through the Renaissance. Same as ENG 375. Satisfies intercultural exploratory requirement. Prerequisite: ENG 117, THE 110, or THE 125 or consent of the instructor. Fall, odd academic years.

THE 376  Dramatic Literature II  3 hours credit
Reading and analysis of selected significant plays from around the world from the 17th century to the present. Same as ENG 376. Satisfies intercultural exploratory requirement. Prerequisite: ENG 118, THE 110, or THE 125 or consent of the instructor. Spring, odd academic years.

THE 482  Advanced Practicum  1-2 hours credit
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. Prerequisite: Consent of instructor.

THE 490  Individualized Study  1-2 hours credit
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. Prerequisite: departmental and instructor consent.

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
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. Co-requisite: THE 499. Fall and spring.
WOMEN’S STUDIES PROGRAM

Department: Sociology
Director: D. Baird

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 hrs)
- WST/SOC 319 Gender and Sexualities (4 hrs)
- WST/MMJ 490 Independent Study/ Advertising to the Woman (1 -2 hrs)
- PLUS: 5-6 hrs in other Journalism courses where work focuses on women/gender

Women’s Studies Course Descriptions

WST 101 Introduction to Women’s Studies 4 hours credit
An overview of major issues raised by the range of women’s situations and experiences in Western and non-Western societies. An examination of analytical perspectives that feminist critics in a variety of disciplines use to explore these issues. Satisfies social sciences exploratory requirements. Spring, even academic years.

WST 300 Topics in Women’s Studies 3 hours credit
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 for academic affairs and the director of women’s studies.

WST/SOC 319 Gender and Sexualities 4 hours credit
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. Prerequisite: SOC 118. Fall, even academic years.

WST/HIS 332 History of Women in the United States 4 hours credit
This course will survey the history of women in the United States from the colonial era through the civil rights movement of the 1950s –’60s. The course will focus especially on the role of women in various social movements including: the movement to abolish slavery, the fight for women’s suffrage, reformist movements of the early twentieth century and the modern feminist movement. Students will have the opportunity to pursue a research paper on the social issues addressed in the life/work of an activist of their choosing. Same as HIS 332. Satisfies social sciences exploratory requirement. Prerequisites: HIS 120, HIS 121, or consent of instructor. Fall, odd years.
FRANKLIN COLLEGE GRADUATE POLICIES & PROGRAMS

The policies and procedures listed in this section of the catalog are specific for 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 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

This tuition policy is specific to the Master of Science in Athletic Training.

- Once admitted a $250 deposit is due by March 15, 2016 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 2016-17 academic year are $690 per credit hour.
  - Tuition billing and due dates for 2016-17 are as follows:

<table>
<thead>
<tr>
<th>Term</th>
<th>Credit Hours</th>
<th>Tuition for Term</th>
<th>Bill Date</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deposit</td>
<td></td>
<td>$250</td>
<td>Upon acceptance</td>
<td>March 15, 2016</td>
</tr>
<tr>
<td>Summer</td>
<td>6</td>
<td>$4,140*</td>
<td>May 15, 2016</td>
<td>June 15, 2016</td>
</tr>
<tr>
<td>Fall</td>
<td>12</td>
<td>$8,280</td>
<td>July 15, 2016</td>
<td>August 15, 2016</td>
</tr>
<tr>
<td>Winter</td>
<td>4</td>
<td>$2,760</td>
<td>December 15, 2016</td>
<td>January 15, 2017</td>
</tr>
<tr>
<td>Spring</td>
<td>12</td>
<td>$8,280</td>
<td>December 15, 2016</td>
<td>January 15, 2017</td>
</tr>
</tbody>
</table>

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

Second Year

<table>
<thead>
<tr>
<th>Term</th>
<th>Credit Hours</th>
<th>Tuition for Term</th>
<th>Bill Date</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>12</td>
<td>$8,280</td>
<td>July 15, 2017</td>
<td>August 15, 2017</td>
</tr>
<tr>
<td>Winter</td>
<td>4</td>
<td>$2,760</td>
<td>December 15, 2017</td>
<td>January 15, 2018</td>
</tr>
<tr>
<td>Spring</td>
<td>10</td>
<td>$6,900</td>
<td>December 15, 2017</td>
<td>January 15, 2018</td>
</tr>
</tbody>
</table>

*The tuition rate for the second year is subject to change.
- Tuition refunds will not be given on or after the first day of class for each academic term. An 80% tuition refund will be paid when requested 14 days before the first day of class. A 100% tuition refund will be paid when requested 15 days or longer before the first day of class. Refer to “The Key: The Guide to Student Life for Graduate Students” for detailed information regarding refunds.

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 January 1st EACH year.
- Beginning mid-April 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 the MSAT program 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 prior to the start of summer courses. A detailed description of orientation events will be included with students’ acceptance letters.

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 four credit hours.

Course load
A maximum of 12 graduate-level hours (500 and 600 level courses) and 4 undergraduate-level hours (300 and 400 level courses only) per semester may be taken during the first year of graduate studies. A maximum of 12 graduate-level hours (500 and 600 level courses) per semester may be taken during the second year of graduate studies. No undergraduate-level courses may be taken during either winter term when completing a graduate program.

Course numbering
500-level courses are intended for students completing their undergraduate degree in conjunction with a graduate degree and for first year students who have completed an undergraduate degree. 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.
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 1 semester prior to the following May of the next calendar year graduation date.

Grading and credit system
All grades carry a point value per credit hour:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Exceptional, excellent in all respects</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td></td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>Satisfactory</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td></td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>Below expectation</td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td>2.00</td>
</tr>
<tr>
<td>F</td>
<td>Failure, no academic credit</td>
<td>0.00</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</td>
<td>0.00</td>
</tr>
</tbody>
</table>
Master of Science in Athletic Training

Program Director: J. Austin
MSAT Faculty: TBA

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. Currently the Franklin College MSAT is not accredited by the Commission on Accreditation of Athletic Training Education (CAATE), but the College is in the process of seeking accreditation for this program. This process began in September 2014 and will conclude with a formal CAATE site visit during the 2017-18 academic year. 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 freshman or potential undergraduate transfer students
2. Two-year professional program for students who already hold a bachelor’s degree

3+2 Program
The 3+2 (five years total) program is intended for entering freshmen, 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. Upon acceptance to the graduate program, students will begin coursework for the MSAT during the summer 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 completed a bachelor’s degree and have met the admission requirements for the MSAT program. This program is intended for college graduates who may want to change careers; athletes who did not have time during their undergraduate years to major in athletic training, and international students who want a career in athletic training.
MSAT Admission Requirements

Applications for the MSAT will be submitted through the Athletic Training Centralized Application System (ATCAS) and are due no later than December 1 for consideration of acceptance into the MSAT program beginning the following July. 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 application form
- Verification of a minimum of 50 hours of observation under the direct supervision of a BOC Certified Athletic Trainer
  - Only 20 of these hours may occur at Franklin College, and you are limited to 5 hours during each fall semester and 5 hours during each spring semester
- Evidence of a C+ or higher in the following prerequisites classes (within the past 7 years):
  - Anatomy and Physiology with labs
  - Biomechanics with lab
  - Exercise Physiology with lab
  - Nutrition
  - Personal health or wellness
  - General or Health-related Psychology
  - Statistics
- Completed program-specific health questionnaire, physical, and immunization records with HBV and TB information
- Copy of current 1st aid and CPR for the professional rescuer or BLS Healthcare Provider certification
- Verification that the MSAT program’s Technical Standards can be met
- Statement of Professional Goals
- Two letters of recommendation. One each from: a faculty member and from an athletic trainer, physician, or other healthcare provider
- An interview with the selection committee members may be required

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. Further, they ensure compliance with accreditation standards. The complete technical standard document is available with application materials. Students who have questions about this document should inquire with the Franklin College Affirmative Action Officer and the MSAT program director. These technical standards meet the requirements set forth by the American Disabilities Act (ADA) of 1990.
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 program at the college. Transfer students are required to provide the MSAT 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 Franklin College’s MSAT program for a minimum of two calendar years prior to graduation in order to meet graduation requirements.

Continuance in MSAT
The Franklin College MSAT student’s academic success is of utmost importance to all members of the program. Academic achievement is directly tied to passing the BOC exam and achieving professional success. In order to help students achieve academic success and higher cumulative grade point averages (GPA), mid-term and final grades are reviewed by the student’s individual academic advisor as well as the MSAT program director each semester. In addition, academic advisors and the program director communicate on a regular and consistent basis.

Academic Requirements
1. A 2.75 (4.0 scale) cumulative GPA must be maintained.
2. A “C+” or higher is required in all courses required for the MSAT.
3. Successful completion of all Clinical Experience rotations, on and off campus.

Each student within the AT Program must maintain a minimum 2.75 (4.0 scale) cumulative GPA to participate in clinical experience rotations. If a student’s cumulative GPA falls below the 2.75 (4.0 scale) minimum, he/she will be placed on academic probation. Students placed on academic probation are not permitted to continue with athletic training clinical experience assignments or the accumulation of clinical experience hours. Students will have one semester to improve his/her cumulative GPA to acceptable standards or will be dismissed from the MSAT Program. Once positive improvement has been demonstrated in the student’s cumulative GPA, the athletic training student may resume clinical experience activities only after review and consultation with the program director.

1. A grade of “C+” or higher is required for all required courses within the MSAT. If a student receives a “C” or below in a course required by the athletic training major, 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. Students are only allowed to repeat a course once.
2. All courses within the MSAT program are sequential and are prerequisites for subsequent athletic training courses. Any student who must repeat any required course will fall behind in his/her coursework. MSAT courses are only offered once a year so any course that must be repeated will put the student behind by one year which will postpone graduation. The MSAT program faculty and staff makes every effort to provide support and access to appropriate tutorial assistance to help all students restore good academic standing. The role of the preceptors includes not only instruction and supervision of the student, but also advising and supporting student academic success.

3. If a student is placed on probation a second time, either for low cumulative GPA or unacceptable course grades, the student will be automatically dismissed from the MSAT Program and graduate studies.

4. MSAT students meet regularly with preceptors during each clinical experience rotation to discuss his/her 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 his/her 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 major. If additional meetings are required, the student and preceptors will discuss the concerns and come to a mutual agreement on a plan for improvement.

If inappropriate behavior persists, or an overall evaluation score falls below average, 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 will be determined in each situation depending on the probation reasoning.

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.

Students who excel in the MSAT program have the opportunity to join the Franklin College chapter of Iota Tau Alpha, the official academic honorary society of the National Athletic Trainers’ Association. Criteria are a 3.5 or higher cumulative GPA and in good standing in the program.
**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.

<table>
<thead>
<tr>
<th>Type of Expense</th>
<th>Expected Time of Expense</th>
<th>Appropriate Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATCAS application fee</td>
<td>At time of application</td>
<td>$85</td>
</tr>
<tr>
<td>Physical exam and immunizations</td>
<td>At time of application</td>
<td>Varies</td>
</tr>
<tr>
<td>NATA student membership</td>
<td>Fall semester first year in MSAT</td>
<td>$75</td>
</tr>
<tr>
<td>Professional attire</td>
<td>Throughout the duration of the program</td>
<td>Varies</td>
</tr>
<tr>
<td>TB skin test and influenza vaccine</td>
<td>Fall semester each year</td>
<td>Varies</td>
</tr>
<tr>
<td>Transportation to off-campus clinical sites</td>
<td>Throughout the duration of the program</td>
<td>Varies</td>
</tr>
<tr>
<td>Background check</td>
<td>As required by specific clinical sites</td>
<td>$7 - $25</td>
</tr>
<tr>
<td>First Aid and CPR recertification</td>
<td>Varies per student; Updates for re-certifications are required biannually</td>
<td>$20 for each certification</td>
</tr>
<tr>
<td>Iota Tau Alpha Honor Society</td>
<td>Spring semester first year in MSAT, if accepted into society</td>
<td>$25</td>
</tr>
<tr>
<td>BOC exam</td>
<td>Spring semester final year</td>
<td>$335-$365</td>
</tr>
</tbody>
</table>
MSAT Requirements

Core Requirements
MSAT 526 Foundations of Evidence-based Practice
MSAT 527 Prevention of Injuries & Medical Conditions
MSAT 529 Acute Care of Injuries & Illness
MSAT 530 Clinical Exam & Diagnosis: Lower Extremity
MSAT 531 Clinical Exam & Diagnosis: Upper Extremity
MSAT 534 Concepts in Therapeutic Interventions I
MSAT 625 Healthcare Administration
MSAT 631 Clinical Pathology & Medical Interventions
MSAT 634 Concepts in Therapeutic Interventions II
MSAT 635 Psychosocial Strategies & Referral
MSAT 637 Professional Preparation in Athletic Training
MSAT 638 Advanced Therapeutic Interventions

Research Requirements
MSAT 540 Research Methods I
MSAT 541 Research Methods II
MSAT 542 Directed Research Studies
MSAT 640 Research Analysis
MSAT 641 Research Seminar

Clinical Requirements
MSAT 550 Clinical Education in Athletic Training I
MSAT 551 Clinical Education in Athletic Training II
MSAT 552 Clinical Education in Athletic Training III
MSAT 553 Clinical Education in Athletic Training IV
MSAT 650 Clinical Education in Athletic Training V
MSAT 651 Clinical Education in Athletic Training VI
MSAT Course Descriptions

MSAT 526 Foundations of Evidence-based Practice  
1 hour credit
An introduction to the fundamentals of evidence-based medicine with specific focus toward understanding the various levels of research and reading comprehension of research articles. Students develop an understanding of the importance of integrating patient values, best available evidence, and clinical expertise when making decisions regarding patient care. Additionally practice in developing specific clinical questions and searching for relevant evidence will occur. Prerequisite: Admittance to the MSAT. Summer.

MSAT 527 Prevention of Injuries and Medical Conditions  
3 hours credit
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. Prerequisite: Admittance to the MSAT. Summer.

MSAT 529 Acute Care of Injuries and Illness  
4 hours credit
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. Prerequisite: Admittance to the MSAT. Fall.

MSAT 530 Clinical Examination and Diagnosis: Lower Extremity  
4 hours credit
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. Prerequisite: MSAT 527. Fall.
MSAT 531 Clinical Examination and Diagnosis: Upper Extremity  4 hours credit
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. Prerequisite: MSAT 530. Spring.

MSAT 534 Concepts in Therapeutic Interventions I  4 hours credit
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. Prerequisite: MSAT 530. Spring.

MSAT 540 Research Methods I  2 hours credit
A working knowledge of the research process and interpretation of research findings will be established. Focus is directed towards critical reading of athletic training literature and the analysis of research methodology and results. Further, students will begin work on research projects including identifying a problem, conducting a literature review, developing a hypothesis, and forming initial research design. Prerequisite: MSAT 526. Fall.

MSAT 541 Research Methods II  2 hours credit
A continuation of Research Methods I with an emphasis on fine tuning skills regarding research design. Application concerning the purpose and selection of statistical procedures will be emphasized. Students will finalize a clinically focused research proposal for submission to the College’s Institutional Review Board. Prerequisite: MSAT 540. Winter.

MSAT 542 Directed Research Studies  2 hours credit
Students will gain experience with the hands-on component of the research process. Working with a faculty advisor, students develop skill in implementing their research proposal developed in the Research Methods courses, and continue the research process through data collection. Prerequisite: MSAT 541. Spring.
MSAT 550 Clinical Education in Athletic Training I 2 hours credit
A clinical course in which students rotate through 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. Prerequisite: Admittance to the MSAT. Summer.

MSAT 551 Clinical Education in Athletic Training II 2 hours credit
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. Prerequisite: MSAT 550. Fall.

MSAT 552 Clinical Education in Athletic Training III 2 hours credit
A clinical course which provides students an opportunity to gain experience in off-campus health care settings. This will be an individualized experience where students either complete four, one-week rotations at a variety of settings or complete one, four-week intensive experience at the same clinical setting. Clinical experience hours will be augmented with a seminar on basic practices necessary to become a successful athletic trainer. Prerequisite: MSAT 551. Winter.

MSAT 553 Clinical Education in Athletic Training IV 2 hours credit
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 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. Prerequisite: MSAT 552. Spring.

MSAT 625 Healthcare Administration 2 hours credit
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. Prerequisite: MSAT 552. Spring.
MSAT 631 Clinical Pathology and Medical Interventions 3 hours credit
This is an advanced course for athletic training students as they 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. Prerequisite: MSAT 531. Fall.

MSAT 634 Concepts in Therapeutic Interventions II 4 hours credit
Content will build upon concepts of therapeutic interventions established in MSAT 5XX. 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. Prerequisite: MSAT 534. Fall.

MSAT 635 Psychosocial Strategies and Referral 2 hours credit
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. Prerequisite: MSAT 552. Winter.

MSAT 637 Professional Preparation in Athletic Training 2 hours credit
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. Prerequisite: MSAT 635. Spring.

MSAT 638 Advanced Therapeutic Interventions 3 hours credit
An advanced course that allows for examination of in-depth therapeutic interventions including movement pattern development and advanced manual therapy techniques. Practical application of current concepts and research-driven rehabilitative protocols are emphasized. The course also addresses trends in sports medicine surgical procedures, research behind new rehabilitative techniques, and effective mechanisms for evaluating clinical relevance of new products. Prerequisite: MSAT 634. Spring.
MSAT 640 Research 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. Emphasis will be placed on the analysis and interpretation of data collected during Directed Research Studies. Further students will prepare abstracts for submission to peer-reviewed organizations. Prerequisite: MSAT 542. Fall.

MSAT 641 Research Seminar

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. Prerequisite: MSAT 640. Winter.

MSAT 650 Clinical Education in Athletic Training V

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. Prerequisite: MSAT 553. Fall.

MSAT 651 Clinical Education in Athletic Training VI

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. Demonstration of proficiency in skills up to and including psychosocial strategies and advanced 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 skill, including administrative and leadership attributes. Prerequisite: MSAT 650. Spring.
ACADEMIC CALENDAR 2015-2016

FALL SEMESTER

AUGUST
Thur. 27 New students arrive, Orientation begins
Fri. 28 Bell Ceremony
Sun. 30 Returning students arrive
Mon. 31 Classes begin at 8 a.m.

SEPTEMBER
Thur. 3 Student Activities and Resource Fair
Mon. 7 Labor Day (college closed)
Tues. 8 Last day to register, add classes, declare pass/fail, or audit for fall semester classes
Tues. 22 Last day to drop fall semester classes

OCTOBER
Tues. 6 Early alert grades for new freshmen due to be posted online by noon
Tues. 13 Due date for incomplete grades from spring semester/summer terms
Thur.-Sat. 15-18 Homecoming
Tues. 20 Mid-term grades posted online by noon
Thur.-Fri. 22-23 Fall Break
Tues. 27 Last day to add second half semester courses/activity credits

NOVEMBER
Mon. 2 Registration for winter term and spring semester begins
Tues. 3 Last day to withdraw from classes and receive a grade of “W”
Fri. 13 Last day to drop second half semester courses/activity credits
Tues. 24 Thanksgiving break begins after classes

DECEMBER
Fri. 11 Last day of classes
Mon.-Thur. 14-17 Final examination period
Mon. 21 Final grades posted online by noon
## WINTER TERM

### JANUARY
- **Mon. 4** First day of classes
- **Tues. 5** Last day to register, add classes, declare pass/fail, or audit winter term classes
- **Thur. 7** Last day to drop winter term classes without receiving a grade of “F”
- **Fri. 29** Last day of classes; winter break begins after classes

### FEBRUARY
- **Mon. 1** Final grades posted online by noon
- **Mon.-Tues. 1-2** Winter Break

### SPRING SEMESTER

### FEBRUARY
- **Wed. 3** Classes begin at 8 a.m.
- **Tues. 9** Last day to register, add classes, declare pass/fail, or audit spring semester classes
- **Fri. 19** Deadline for degree applications for those who plan to graduate in December of the application year, or May or August of the following year
- **Tues. 23** Last day to drop spring semester classes

### MARCH
- **Mon. 14** Online registration for summer term and fall semester begins for current students
- **Tues. 15** Due date for incomplete grades from fall semester and winter term
- **Tues. 22** Mid-term grades posted online by noon
- **Fri. 25** Spring Break begins after classes

### APRIL
- **Mon. 4** Classes resume at 8 a.m.
- **Tues. 5** Last day to add second half semester courses/activity credits
- **Tues. 12** Last day to withdraw from class and receive grade of “W”
- **Fri. 22** Last day to drop second half semester courses/activity credits

### MAY
- **Mon. 9** Tentative senior final grades due in Academic Records Office
- **Fri. 13** Last day of classes
- **Mon.-Thur. 16-19** Final examination period
- **Thur. 19** Final senior grades posted online by noon
- **Sat. 21** Commencement
- **Tue. 24** All final grades due to be posted online by noon
- **Mon. 30** Memorial Day (college closed)
**SUMMER SESSION**

**JUNE**
- Wed. 1 1st day of Summer I classes
- Thurs. 2 Last day to register, add or drop classes, or declare pass/fail for Summer I classes
- Tues. 7 Last day to withdraw from Summer I classes & receive grade of “W”

**JULY**
- Fri. 1 Last day of Summer I classes (4 ½ week classes)
- Mon. 4 Independence Day (college closed)
- Tues. 5 Final grades due to be posted online by noon (Summer I - 4 ½ week classes)
- Wed. 6 1st day of Summer II classes
- Thurs. 7 Last day to register, add or drop classes, or declare pass/fail for Summer II classes
- Tues. 12 Last day to withdraw from Summer II classes & receive a grade of “W”
- Wed. 27 Last day of Summer I (8 week classes)
- Fri. 29 Final grades due to be posted online by noon (Summer I – 8 week classes)

**AUGUST**
- Fri. 5 Last day of Summer II classes
- Tues. 9 Final grades due to be posted online by noon (Summer II)
PEOPLE
Franklin College

BOARD OF TRUSTEES

Executive Committee:
Chair of the Board: Christine S. Fields
Immediate Past Chair: Susan Johnson DeVoss
Secretary: Stephen L. Huddleston
Treasurer: Robert D. Schafstall
Chair, Academic Affairs Committee: Theresa Wright
Chair, Student Affairs Committee: James T. Napolitan
Chair, Physical Facilities Committee: Susan Williams
Chair, Development Committee: Devin Anderson
Chair, Finance Committee: Peter T. Cangany, Jr.
Chair, Trusteeship Committee: Robert A. DeVoss
Chair, Enrollment Management Committee: John R. Talley
Chair, Investment Committee: James V. Due
Chair, Audit Committee: William R. Brown
Chair, President’s Committee: John W. Auld, Jr.

Trustees:
Dean J. Abplanalp, Franklin, Indiana; senior vice president, investments, Raymond James & Associates, Inc.
Devin D. Anderson ’86, Carmel, Indiana; president and CEO, E & A Industries, Indianapolis, Indiana
John W. Auld, Jr. ’76, Franklin, Indiana; president, Franklin Insurance Agency
Dr. V. Von Boll ’52 (’03), Boca Raton, Florida; retired chairman of the board and chief executive officer, Cummins Bridgeway, LLC
Robert B. Brown, Carmel, Indiana; chief marketing officer, Eli Lilly and Company
William R. Brown ’61, Indianapolis, Indiana; retired general counsel and corporate secretary, American United Life Insurance/One America Financial Partners, Inc.
Samuel D. Bush, Grosse Pointe, Michigan; senior vice president and CFO, Saga Communications, Inc.
Peter T. Cangany, Jr. ’80, Devonshire, Bermuda; senior partner, Ernst & Young Ltd.
Robert L. Colin, ’78, Bargersville, Indiana; retired senior vice president, chief accounting office, and controller, Brightpoint, Inc.
Mary Ann Collier, San Francisco, California; retired vice president of network operations, AT&T Wireless Services; and retired director, Cisco Systems, Inc.
Robert A. DeVoss ’69, Carmel, Indiana; retired partner/president, Retirement Management, Inc.
Susan Johnson DeVoss ’65 (’14), Fort Wayne, Indiana; retired vice president of human resources, Chase Manhattan Bank

*John R. Dickerson ’75, Indianapolis, Indiana; director, Indianapolis Facility Center, US Homeland Security-Customs & Border

James V. Due ’82, Chicago, Illinois; senior vice president, corporate and institutional services, Northern Trust

Christine S. Fields ’74, Indianapolis, Indiana; retired vice president and general counsel, international operations, Eli Lilly and Company

Scott Gudeman, M.D., Greenwood, Indiana; orthopedic surgeon/partner, OrthoIndy South

Daniel P. Hann, Leesburg, Indiana; senior vice president, business development, Biomet, Inc.

Mark Harrison, ’78, Indianapolis, Indiana; president and managing partner, Ed Martin Automotive Group

Jeffrey W. Holt ’91, Franklin, Indiana; president/CEO, PrivacyDataSystems

Brigadier General Worthe S. Holt, Jr., MD, MMM, Fishers, Indiana; corporate vice president, clinical innovation and regional lead, Plains/Great Lakes/Midwest, Humana, Indiana, Kansas, Missouri

Dr. Stephen L. Huddleston (’06), Franklin, Indiana; attorney

Katharine Kruse, Indianapolis, Indiana; director, Mothershead Foundation

Jack W. Laugle, Whiteland, Indiana; president and owner, Innovative Casting Technologies

James T. Napolitan, PhD (’12), Chicago, Illinois; commodity trader, Chicago Mercantile Exchange

Michael W. O’Dell, MD, ’81, New York, NY; chief of clinical services and professor of clinical rehabilitation medicine, Weill Cornell Medical Center

Philip L. Powell ’73, Greenwood, Indiana; president and owner, Allied Technologies Food Equipment, Inc.

William J. Receveur III ’72, Louisville, Kentucky; president, Realm Construction Co., Inc.

Jane Hoffmeister Repp ’60, Naples, Florida; civic/community leader

Rafael S. Sánchez, Jr. ’92, Franklin, Indiana; co-anchor, News at 4, WRTV Channel 6

The Honorable Robert D. Schafstall ’66, Franklin, Indiana; retired Franklin City Court judge; attorney, Cutsinger & Schafstall

John R. Talley, Franklin, Indiana; former president, ProLiance Holdings

Dan King Thomasson, Washington, D.C.; retired vice president, Scripps Howard Newspapers

Douglas L. Tillman ’70, Indianapolis, Indiana; retired associate general counsel, Eli Lilly and Company

*Carol S. Tumey ’63, Greenwood, Indiana; retired athletic administrator, Center Grove High School

Major General R. Martin Umbarger, Bargersville, Indiana; retired adjutant general of Indiana, Indiana Army and Air National Guard

Constance Richardson Van Valer, M.D. ’59, Greenwood, Indiana; retired physician
Susan Williams ’67, Indianapolis, Indiana; retired president, Indiana Sports Corporation
Theressa Wright, M.D. ’72, Indianapolis, Indiana; senior medical fellow, consultant – cardiology & early phase medicine, global patient safety, Eli Lilly and Company

Honorary Trustees:
   Reinhard W. Bockstette ‘68
   Dr. John E. Grimmer (’12)
   Dr. Eugene L. Henderson ’50 (’74)
   Pamela Herring Hicks ‘56
   Needham S. Hurst
   Dr. Ted L. Marston ’51 (’92)
   Wil B. Nelp, M.D., ’51 (’67)
   John D. Peterson
   T. Randall Tucker ’53

*Alumni Representatives to the Board
Franklin College alumni have class year following name.
Franklin College honorary degree recipients have (award year) following name.
ADMINISTRATION
(Note: Beginning year of employment with Franklin College is listed following each name, along with degrees earned.)

President:
Thomas J. Minar – 2015; BA, Pomona College; MA and PhD, Northwestern University

Assistant to the President and Secretary to the Board: Janet Schantz - 1975; BA, Franklin College

Special Events Assistant: Ann Barton – 1983; AB, Indiana University; MA, Ball State University

Vice President for Academic Affairs and Dean of the College:
David G. Brailow - 2001; BA, Amherst College; MA and PhD, University of Oregon

Head, Business, Computing and Mathematics Division: James C. Williams – 1983; BA, MBA, MA, Indiana University

Head, Education Division: Katherine M. Remsburg – 1999; BS, University of Indianapolis; MA, Illinois State University

Head, Fine Arts Division: Robin E. Roberts – 2004; BA, Clemson University; MA, University of South Carolina; MFA, Southern Illinois University

Head, Humanities Division: Susan Crisafulli - 2008, associate professor; BA, BS, Presbyterian College; MA, University of Tennessee; PhD, Vanderbilt University

Head, Journalism Division: Joel E. Cramer – 1985, Occupant, The Eugene C. and Nina Mason Pulliam Chair in Journalism, BA, Olivet Nazarene College; MA, Central Michigan University; JD, Indiana University School of Law at Indianapolis

Head, Natural Sciences Division: Steven K. Browder - 1978; BS, Pacific Lutheran University; PhD, University of Oklahoma

Head, Social Sciences Division: Kristin C. Flora – 2007, associate professor; BS, Valparaiso University; MS and PhD, University of Wisconsin - Milwaukee

Coordinator of Liberal Arts Curriculum: Alice A. Heikens – 1991; BS and MS, University of Central Arkansas; PhD, Southern Illinois University

Faculty: See Department Lists

Associate Vice President for Academic Affairs and Institutional Effectiveness: Tim Garner - 1986; BA, Franklin College; MA and PhD, University of Illinois

Director of the Pulliam School of Journalism: John Krull – 2004; BA, Franklin College; MA, St. Louis University

Director of Leadership Development: Dale Rebhorn – 2014; BS, Indiana State University; MS, Purdue University

Director of Professional Development and Employer Relations: Jill Novotny – 2014; BS and MBA, Butler University

Director of Global Education: Jennifer Cataldi – 2013; BA, Franklin College; MA, Roehampton University
Director of the Library: Ronald Schuetz - 1985; BA, Saint Meinrad College; MLS, Indiana University
Reference/Instruction Librarian: Jessica M. Mahoney – 2011; BA, Franklin College; MLS, Indiana University
Technical Services Librarian: Susan J. Leach-Murray – 2008; BA, Indiana University; MLS, Indiana University-Purdue University at Indianapolis
Registrar: Lisa Mahan - 1989; BA, Franklin College, MISM Keller Graduate School of Management, DeVry University
Associate Registrar: Jennifer Whitson – 2008; BA, Franklin College; MS, Indiana State University
Assistant Registrar: Kelli Jones – 2007; BA, Indiana State University
Assistant to the Academic Records Office: Jarrod Brett – 2009; BA, Franklin College
Assistant Dean for Academic Services: Katie Wehner – 2005; BA, Wright State University; MS, Indiana University

Vice President for Development and Alumni Engagement:
Gail Lowry – 2012; BA, University of Evansville; Masters Fellowship in Secondary Education, The George Washington University
Director, Campaign for the Sciences: Matt Morris – 2013; BA, Indiana University
Dean of Alumni and Student Engagement: Brooke Worland – 2001; BA, Franklin College; MS, Indiana University
Associate Director of Alumni Engagement: Joanne Parish – 2010; BS, Ball State University
Assistant to Alumni Engagement: Emily Wood – 2013; BA, Franklin College
Senior Director of Development and Planned Giving: Tom Armor – 2010; BA, Indiana University-Purdue University at Indianapolis
Director of Research and Grants: Betsy Schmidt - 1989; BA, Franklin College; MBA, University of Indianapolis
Development Director: Nora Brems – 2008; BA, Franklin College
Annual Fund Director: Jane Howard – 2015; BA, Columbia College
Franklin Fund Officer: Position Open
Assistant Director of Annual Giving: Allison Schrock – 2014; BA, University of Indianapolis
Gifts Processing & Records Specialist: Judy Yarnell – 2004
Stewardship & Operations Director: Kenna Wood – 2014; BS, Indiana University; MS, Emmanuel College
Vice President for Business and Finance:
Daniel Schluge – 2012; BS, St. Joseph’s College, CPA

**Director of Accounting:** Jared Sabelhaus - 2013; BA, Franklin College

**Business Office Manager:** Brad Jones - 2005; BA, Franklin College

**Manager of Employee Resources, EEOC and Title IX Officer:**
   Maureen Pinnick - 2006; BA, Marian College, PHR

**Director of Student Financial Services:** Shaun Mahoney – 2006;
   BA, Franklin College; MS, Indiana Wesleyan University

**Coordinator of Student Employment:** Andrew Hendricks – 2008;
   BS, Indiana University; MBA, Indiana Wesleyan University

**General Manager of Campus Dining Services (Sodexho):** Les Petroff – 2007;
   BS, Southern Illinois University

**Manager of Bookstore (Follett):** Rebecca Rausch – 2014; BA, DePauw University; MA, Indiana State University

**Director of Information Technology Services:** Larry Stoffel – 2014; BS, Lynchburg Baptist College; MA, Liberty Theological Seminary

**Director of Facilities and Energy Management:** Tom Patz – 1991;
   BS, Ball State University; Certificate in Hazardous Materials Management, Indiana University, MA – Ball State, in Adult & Community Education

**Superintendent, Building Services:** Kevin Mitchell – 2007;
   BA, Taylor University

**Superintendent, Grounds:** Larry Bridges - 1998;
   Associate Degree in Agronomy, Purdue University

**Event Management Coordinator:** April Reamsnyder - 2008
Vice President for Enrollment and Marketing: Open Position

Director of Admissions: Jennifer Bostrom – 2012; BA, DePauw University; MA, Indiana University
Assistant Director: Amanda McIntosh – 2010; BA, Franklin College
Senior Admissions Counselor: Brett Reardon – 2013; BA, Butler University; M.Ed., Concordia University - Portland
Admissions Counselors:
  Marcus Beldsoe – 2014; BA, Earlham College
  Wendy Hagn – 2004; BA, Franklin College
  Megan Juchcinski – 2013; BSW, University of Indianapolis
  Kristen McCain – 2013; BA, Butler University; M.Ed., The University of Toledo
  Whitney Ramsay – 2014; BA, DePauw University
  Carlin Way – 2014; BS, Indiana University

Director of Financial Aid: Elizabeth Sappenfield – 2004; BA, Franklin College
Associate Director of Financial Aid: Christine Lucas - 1995; BA, Franklin College; MS, Indiana State University

Director of Marketing: Theresa Lehman – 2013; BA, Franklin College
Web Administrator: Ann Kish – 2014; BA, William Jewell
Campus Photographer: Renee N. Knight – 2006; BA, Franklin College
Director of Communication: Deidra Baumgardner – 2002; BS, Ball State University
Office of Marketing and Communications Assistant: Brenda Ferguson – 2009; BA, Franklin College
Publications Editor: Amy VerSteeg – 2004; BA, Franklin College
Vice President of Student Affairs and Dean of Students: 
Ellis Hall - 2001; BA, Berry College; MA, Bowling Green State University

Assistant Dean of Students and Director of Career Services: Kirk Bixler - 2000; BA, Earlham College; MA, Ball State University

Director of Student Activities/Organizations: Keri Ellington - 2001; BA, Ball State University; MS, Indiana University

Coordinator of Greek Life and Activities: Natalie Brewster – 2013; BA, Hanover College; MS, Indiana State University

Director of Campus Ministry: Leah Rumsey – 2014; BA, Kalamazoo College; MDiv, Harvard University

Assistant to Campus Minister/Coordinator of Music Ministry:
Terri Roddie, 1993

Director of Counseling: John Shafer - 1983; BS & MA, Ball State University; PhD, Concordia University

Counselor: Sara Kinder – 2015; BA, Indiana University; MA, Indiana University, Indianapolis

Director of Residence Life: Jacob Knight – 2013; BS & MS, Western Illinois University

Dietz Center Hall Coordinator: Christopher Drew – 2011; AS, Vincennes University; BS & MBA, Indiana State University

Elsey Hall Coordinator: Melissa Harvey – 2011; BA, Marquette University; MSW, University of Nevada, Las Vegas

Johnson/Dietz & Hoover/Cline Hall Coordinator: Rachel Richards – 2014; BA, University of North Florida; ME, University of Florida

Director of Campus Security: Steve Leonard – 1998

Coordinator of Health Services: Catherine DeCleene – 2012; BS, Indiana University-South Bend; RN, Memorial Hospital School of Nursing

Director of Diversity and Inclusion: Terri L. Roberts-Leonard – 2012; BA, University of Cincinnati; ME, Xavier University (OH); MA, Morehead State University

Coordinator of New Student Programs: Jen Miller – 2014; BA & MA, Baldwin Wallace University

Executive Secretary for Student Affairs: Marti Schrock – 2001; BA, Franklin College

Retention Assistant: Sarah Shroyer – 2012; BA, Franklin College
Director of Athletics:  Kerry Prather - 1982; BS and MS, Indiana University
Assistant Director of Athletics: Lance Marshall – 1997; BA, Elmhurst;
MA, Rockford College
Assistant Director of Athletics & Senior Woman Administrator:
Mary Johnston - 2010; BS, Medaille College; MS, Old Dominion University
Head Athletic Trainer: Chris Shaff – 2003; BA, Franklin College;
MA, Valparaiso University
Sports Information Director: Dale Long – 2013; BS, Indiana State University

Head Coaches:
Baseball: Lance Marshall - 1997; BA, Elmhurst College;
MA, Rockford College
Men's Basketball: Kerry Prather - 1982; BS and MS, Indiana University
Women’s Basketball: Dana Haggenjos – 2014, BA, DePauw University;
MS, Indiana State University
Men’s/Women’s Cross Country & Track: Paul Sargent – 1994;
BA, Franklin College
Football: Mike Leonard – 2003; BA, Hanover College;
MAT, DePauw University
Men’s Golf: Curt Holcroft – 2015; BA, Franklin College
Women’s Golf: Roger Lundy – 2007; BS, Ferris State University
Women’s Lacrosse: Stephanie Eft – 2014; BS, Eastern University
Men’s Soccer: Shaun Mahoney – 2006; BA, Franklin College;
MS, Indiana Wesleyan University
Women’s Soccer: Justin Sullivan – 2012; BS, University of Indianapolis;
MA, Marian University
Softball: Butch Zike – 2012; BA, Franklin College; MS, Indiana University
Men's/Women’s Swimming/Diving: Andrew Hendricks – 2008;
BS, Indiana University; MBA, Indiana Wesleyan University
Men’s/Women’s Tennis: Rusty Hughes – 1988;
AS, Vincennes University
Volleyball: Mary Johnston - 2010; BS, Medaille College;
MS, Old Dominion University
FACULTY

President of the College, Thomas J. Minar
  BA, Pomona College; MA and PhD, Northwestern University

Vice President for Academic Affairs and Dean of the College, David G. Brailow
  BA, Amherst College; MA and PhD, University of Oregon

Business, Computing, and Mathematics Division

Economics, Business, and Accounting Department
James C. Williams, CFP - 1983, professor, Occupant, Edna B. Lacy Chair in Business and
  Entrepreneurship, BA, MBA, MAT, Indiana University, CFP, College for Financial
  Planning
Daniel T. Andrews, CPA - 2001, professor, BS, Indiana University,
  MACC, University of Indianapolis
Hisaya Kitaoka – 2008, associate professor, BA, Keio University
  MA and PhD, The University of Kansas
Steven M. Scheer – 2012, assistant professor, BS, Indiana University, MBA, Saint Francis
  College, DBA, Anderson University
Emily D. Jones – 2013, visiting instructor, BA, Franklin College

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, associate professor, BA, DePauw University,
  MA and PhD, Indiana University
Angelina M. Walls – 2007, instructor, BA, Franklin College, MS, IUPUI
Stacy Hoehn – 2012, assistant professor, BS, Xavier University, MS and PhD, University of
  Notre Dame
Paul Fonstad – 2012, assistant professor, BA, Winona State University, MS and PhD, University
  of Wisconsin-Milwaukee
Education Division

Education Department
Linda J. Airey - 1997, professor, BS, Purdue University, MAE, MA, EdD, Ball State University
Cynthia E. Prather – 2000, assistant professor, BA, DePauw University, MS, Purdue University
Sherri S. Hall – 2002, assistant professor, BA, Heidelberg College,
   MA, Bowling Green State University
Beth Ann Moore - 2004, associate professor, BS, MS, EdD, Indiana University
Connie J. Ables-Rigsbee – 2011, assistant professor, BS, Indiana State University, M.Ed, Olivet Nazarene University, PhD, Indiana University

Kinesiology Department
Mark S. Britner - 1979, professor, BA, University of Evansville, MS, Indiana University
Katherine Taylor Remsburg - 1999, professor, BS, University of Indianapolis,
   MS, Illinois State University
Kim K. Eiler - 2004, assistant professor, BS, Biola University, MA, Manchester College,
   EdD, Auburn University
Stacey Gavin – 2013, assistant professor, BA, Kean University, MA, Montclair State University,
   PhD, Old Dominion University
Kyra L. Noerr – 2013, instructor, BS, MS, and ABD, IUPUI
Jennifer Austin – 2014, associate professor, BS, MS, and PhD, Ohio University

Fine Arts Division

Art Department
Svetlana Rakic - 1996, professor, BA, University of Belgrade, MA, University of Belgrade,
   PhD, Indiana University
David Cunningham – 2007, associate professor, BFA, University of Evansville,
   MFA, Indiana University
Wendy Shapiro – 2012, assistant professor, BA and MFA, Millersville University

Music Department
Casey J. Hayes - 2009, associate professor, BME and MM, Butler University,
   PhD, New York University
Lauren Piccirillo - 2010, instructor, BM and MM, University of Cincinnati
Eric DeForest – 2012, instructor, BM, The State University of New York at Fredonia, MM, West Virginia University, DMA, The University of Texas at Austin

Theatre Department
Robin E. Roberts - 2004, associate professor, BA, Clemson University,
   MA, University of South Carolina, MFA, Southern Illinois University
Gordon R. Strain – 2006, associate professor, BFA, Ithaca College, MFA, Indiana University
Nicholas A. Crisafulli – 2009, instructor, BA, Presbyterian College,
   MFA, University of Memphis
Humanities Division

**English Department**

**David G. Brailow** - 2001, professor, BA, Amherst College, MA and PhD, University of Oregon

**Richard J. Erable** - 2001, professor, BA, California State University, MA and PhD, Marquette University

**Susan Crisafulli** – 2008, associate professor, BA, BS, Presbyterian College, MA, University of Tennessee, PhD, Vanderbilt University

**Katie Burpo** – 2014, lecturer of English, BA, DePauw University, MFA, Western Michigan University

**Callista Buchen** – 2015, assistant professor, BS, University of Wisconsin, MA, University of Oregon, ABD, University of Kansas

**George Phillips** – 2015, assistant professor, BA, Emory University, MA and PhD, University of Kentucky

**Jennifer Smith** – 2015, assistant professor, BA, Ball State University, MA and PhD, Indiana University, Bloomington

**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, Univ. of Wisconsin, Madison

**Daniel T. Alsop** – 2007, assistant professor, BA, MAT, Indiana University, PhD, Purdue University

**Kathryn Johnston** – 2010, instructor, BA, Butler University, MA, IUPUI

**Águeda Formoso Mayán** – 2011, lecturer, BA, Dominican University, MA, Northern Illinois University

**William Jarrod Brown** – 2012, assistant professor, BA, Centre College, MTS, Duke Divinity School, MA, University of Notre Dame, MA and ABD, University of Kentucky

**Philosophy and Religion Department**

**David C. Carlson** - 1978, professor, Charles B. and Kathleen O. VanNuys Deans Fellow in Religious Studies, BA, Wheaton College, MA, American Baptist Seminary of the West, PhD, University of Aberdeen

**David H. Chandler** - 1981, professor, BA, Wheaton College, MTS, Gordon-Conwell Theological Seminary, PhD, Southern Illinois University

**James R. Alexander** – 2010, instructor, BA, Franklin College, MTS, Vanderbilt University Divinity School

**Journalism Division**

**Journalism, Pulliam School**

**Joel E. Cramer** - 1985, professor, Occupant, The Eugene C. and Nina Mason Pulliam Chair in Journalism, BA, Olivet Nazarene College, MA, Central Michigan University, JD, Indiana University School of Law at Indianapolis

**Raymond S. Begovich** - 1999, professor, BA, Indiana University, MA and EdD, Ball State University

**Henry J. Nuwer** - 2002, professor, BS, Buffalo State University, MA, New Mexico Highlands University

**John L. Krull** - 2004, associate professor, BA Franklin College, MA, St. Louis University

**Wendy Shapiro** – 2012, assistant professor, BA and MFA, Millersville University
Natural Sciences Division

Biology Department

Steven K. Browder - 1978, professor, Occupant, Charles A. Deppe Endowed Chair in Biology,
BS, Pacific Lutheran University, PhD, University of Oklahoma

Samuel B. Rhodes - 1986, professor, AS, Ohio Wesleyan University,
BS, University of Michigan, MS and PhD, Michigan State University

Alice A. Heikens - 1991, professor, BS and MS, University of Central Arkansas,
PhD, Southern Illinois University

Sarah Mordan-McCombs - 2009, associate professor, BA, DePauw University,
PhD, University of Notre Dame

Benjamin J. O’Neal – 2010, assistant professor, BA, Anderson University,
MS and PhD, University of Illinois

Chemistry and Physics Department

Nazir A. Khatri - 1989, professor, BS, University of Karachi, PhD, University of Nebraska

Edward Chikwana – 2008, associate professor, BS, University of Zimbabwe,
PhD, Portland State University

Alec Sithole– 2013, assistant professor, BS and MS, University of Zimbabwe, PhD, Portland State University

Fumie X. Sunahori – 2014, assistant professor, BS, Georgia Southwestern State University,
PhD, University of Kentucky

Medical Technology Program (IU Health and St. Francis Health)

Carla Clem, M.S., MT(ASCP)SH^CM, Program Director, IU Health

DeAnne Maxwell, MLS(ASCP)CM, Program Director, CLS, Franciscan St. Francis Health
Social Sciences Division

**History Department**

Richard L. Gawthrop - 1992, professor, BA, Colby College, MA and PhD, Indiana University  
Ralph P. Guentzel - 1999, associate professor, director of Canadian Studies,  
BA, Free University of Berlin, MA and PhD, McGill University  
Meredith Clark-Wiltz – 2011, assistant professor, BA, University of Louisiana,  
MA, Bowling Green State University, PhD, The Ohio State University  
Lourdes Hurtado – 2012, assistant professor, BA, Universidad Nacional Mayor de San Marcos,  
MA and PhD, University of Notre Dame

**Political Science Department**

Randall D. Smith - 2009, associate professor, BA, Quincy University,  
MA, University of Illinois at Springfield, PhD, University of Illinois at Chicago  
Allison Fetter-Harrott – 2011, assistant professor, BS, New York University,  
MS, Butler University, JD, Indiana University School of Law, PhD, Indiana University

**Psychology Department**

Kristin C. Flora – 2007, associate professor, BS, Valparaiso University,  
MS and PhD, University of Wisconsin - Milwaukee  
Jamie L. Bromley - 2009, associate professor, BA, University of Dallas,  
MA, Duquesne University, PhD, The University of Akron  
Amy L. Bracken – 2011, assistant professor, BA, DePauw University, PhD, Indiana University

**Sociology Department**

Timothy L. Garner - 1986, (on leave) professor, BA, Franklin College,  
MA and PhD, University of Illinois at Urbana-Champaign  
Denise M. Baird - 1999, professor, BA, University of Akron,  
MS and PhD, Purdue University  
Jason B. Jimerson - 2002, associate professor, BA, Earlham College,  
MA, University of Virginia, PhD, University of Chicago  
Shelley L. Nelson – 2011, instructor, BS, Oregon State University, MA and ABD, Indiana University

**Leadership Development**

Dale Rebhorn – 2014, BS, Indiana State University, MS, Purdue University

**Library Staff**

Ronald L. Schuetz - 1985, director of the library with rank of professor, BA, St. Meinrad  
College, MLS, Indiana University  
Susan J. Leach-Murray – 2008, technical services librarian with rank of assistant professor, BA,  
Indiana University, MLS, IUPUI  
Jessica M. Mahoney – 2011, reference/instruction librarian with rank of assistant professor, BA,  
Franklin College, MLS, Indiana University
Faculty Emeriti

Diana Bartnick-Schmidt - 1983-2000, professor emerita of education
Raymond M. Bragiel - 1979-1995, professor emeritus of psychology
William A. Bridges - 1979-2003, professor emeritus of journalism
Clifford C. Cain – 1981-2010, professor emeritus of religion
Kathleen D. Carlson – 1979-2015, professor emerita of English
Dennis A. Cripe - 1992-2009, professor emeritus of journalism
Luigi Crispino - 1966-1995, professor emeritus of art
Barbara J. Divins – 1995-2011, professor emerita of education
Susie B. Fleck - 1990-2005, professor emerita of journalism
Marjorie J. Gilkey - 1963-1985, professor emerita of political science
Priscilla A. Grant - 1961-1973, associate professor emerita of Spanish
Sally Hanley - 1984-2004, professor emerita of history
Samuel Hicks - 1966-2003, professor emeritus of music
J. Thomas Howald – 1968-2013, professor emeritus of philosophy and religion
Lloyd A. Hunter - 1978-2005, professor emeritus of history
Yu-Long Ling - 1972-2009, professor emeritus of political science
Jayne E. Marek – 1995-2015, professor emerita of English
Jerry Miller - 1985-2002, professor emeritus of journalism
Paul T. Nugent - 1966-1995, professor emeritus of mathematics
Richard M. Park - 1958-2002, professor emeritus of mathematics
Daniel E. Poe - 1966-2008, professor emeritus of English
William J. Pohley - 1979-2008, professor emeritus of biology
Emily A. Stauffer – 1983-2015, professor emerita of English
Doreen St. Clair - 1970-2000, professor emerita of physical education
Nick C. Steph - 1988-2013, professor emeritus of physics
John N. Stevens - 1985-2009, professor emeritus of economics
Vicco von Stralendorff - 1959-1996, professor emeritus
John E. Wood - 1986-2011, professor emeritus of political science
Franklin College Contact Information

Business Address: Franklin College
101 Branigin Boulevard
Franklin, Indiana 46131-2623

Phone: (317) 738-8000 (switchboard)

Fax:
- Department Fax: President (317) 738-8013
- Department Fax: Academic Affairs (317) 738-8013
- Department Fax: Academic Records (317) 738-8022
- Department Fax: Academic Resource Center (317) 738-8284
- Department Fax: Admissions (317) 738-8274
- Department Fax: Athletics (317) 738-8248
- Department Fax: Business Operations (317) 738-8294
- Department Fax: Campus Minister (317) 738-8751
- Department Fax: Career Services & Prof. Dev. (317) 738-8810
- Department Fax: Development & Alumni Engage. (317) 736-6030
- Department Fax: Employee Resources (317) 738-8738
- Department Fax: Financial Aid (317) 738-8072
- Department Fax: Information Technology (317) 738-8146
- Department Fax: Library (317) 738-8787
- Department Fax: Marketing & Communications (317) 738-8175
- Department Fax: Physical Facilities (317) 738-8099
- Department Fax: Security (317) 738-8315
- Department Fax: Student Affairs (317) 738-8097

Franklin College on the Internet: www.franklincollege.edu
INDEX

Academic Advising…………………………………………………………………………………………………………32
Academic Calendar……………………………………………………………………………………………………325
Academic Dishonesty and Plagiarism…………………………………………………………………………30
Academic Policies and Procedures……………………………………………………………………………30
Academic Probation, Suspension and Dismissal………………………………………………………………32
Academic Resource Center………………………………………………………………………………………23
Academic Scholarships & Awards…………………………………………………………………………………15
Academic Success & Opportunity Courses………………………………………………………………………83
Accounting (Major & Minor)………………………………………………………………………………………84
Accreditation………………………………………………………………………………………………………………4
Activity Courses……………………………………………………………………………………………………33
Add-Drop Procedures and Schedule Adjustments…………………………………………………………33
Administration…………………………………………………………………………………………………………331
Admission Requirements…………………………………………………………………………………………5
Advanced Placement (AP)…………………………………………………………………………………………36
American Studies Minor……………………………………………………………………………………………89
Appeals………………………………………………………………………………………………………………15, 31, 48
Applied Mathematics Major……………………………………………………………………………………231
Applied Music Lessons……………………………………………………………………………………………252
Armed Forces Credit…………………………………………………………………………………………………59
Art (Majors and Minors)………………………………………………………………………………………………91
Art Course Fees…………………………………………………………………………………………………………10
Assessment………………………………………………………………………………………………………………37
Athletic Participation & Eligibility…………………………………………………………………………………37
Athletic Training Major……………………………………………………………………………………………102
Attendance………………………………………………………………………………………………………………37
Auditing a Course………………………………………………………………………………………………………9, 38
Baptist Affiliation……………………………………………………………………………………………………3
Biology (Majors & Minors)…………………………………………………………………………………………112
Board of Trustees………………………………………………………………………………………………………328
Business (Majors and Minor)……………………………………………………………………………………126
Business, Computing, and Mathematics Division……………………………………………………………337
Canadian Studies Minor……………………………………………………………………………………………135
Career Services…………………………………………………………………………………………………………24
Chemistry (Majors & Minors)…………………………………………………………………………………………138
Class Level………………………………………………………………………………………………………………38
Class-related Activities…………………………………………………………………………………………38
Coaching Minor……………………………………………………………………………………………………263
College-sponsored Activities……………………………………………………………………………………38
Commencement……………………………………………………………………………………………………………37
Computing (Majors & Minors)………………………………………………………………………………………152
Consortium for Urban Education (CUE, cross registration)…………………………………………………39
Convocation Program………………………………………………………………………………………………39
Cooperative Programs…………………………………………………………………………………………………61
American Baptist Association of Colleges and Universities……………………………………………………61
Costs and Financial Aid………………………………………………………………………………………………61
Engineering – IUPUI……………………………………………………………………………………………………62, 191, 233
IUPUI – ROTC………………………………………………………………………………………………………………61, 240
Medical Technology - Methodist and St. Francis Hospital……………………………………………………62, 238
Professional School Degree………………………………………………………………………………………63
Public Health………………………………………………………………………………………………………………63, 117, 143, 277, 281
Co-op Semester……………………………………………………………………………………………………………39
COR courses………………………………………………………………………………………………………………83
Counseling Center………………………………………………………………………………………………………24
Course Load……………………………………………………………………………………………………………40
Course Numbering………………………………………………………………………………………………………40
Creative Writing (Major & Minor)…………………………………………………………………………………193
Credit Hour Definition………………………………………………………………………………………………40
Criminal Justice Track, Sociology Major.................................................................294
Cross Registration................................................................................................39
Curriculum...........................................................................................................66
Dean's List.........................................................................................................43
Degree Application and Senior Audits.................................................................43
Degree Requirements.........................................................................................67
Dentistry, pre-professional................................................................................117
Dependent Students...........................................................................................27, 43
Directory Information, FERPA.........................................................................43
Disability Services..............................................................................................24
Earth Science .....................................................................................................151
Economics (Majors & Minor).............................................................................158
Education (Majors & Minors)...........................................................................164
Education Division.............................................................................................338
Education Fees....................................................................................................10
Engineering.........................................................................................................62, 191, 233
English (Major & Minor)....................................................................................193
Exercise Science (Major)...................................................................................202
Expenses............................................................................................................. 9
Exploratory Courses..........................................................................................71
Faculty................................................................................................................337
Federal Assistance..............................................................................................19
Fees.......................................................................................................................9
FERPA..................................................................................................................43
Final Exam Information......................................................................................45
Financial Aid.......................................................................................................14
Financial Clearance...........................................................................................11
Financial Policies...............................................................................................14
Fine Arts Division..............................................................................................338
Fitness Minor.....................................................................................................108, 207
Foreign Language Placement Tests...................................................................45, 211, 299
French (Major & Minor)..................................................................................211
Full-time Students, Fees....................................................................................9
Geography (Human World)..............................................................................188
Global Education Programs.............................................................................64
Grading and Credit System...............................................................................46
Grading Changes and Challenges.....................................................................48
Graduate Policies and Programs......................................................................311
Graduation Honors............................................................................................48
Grants..................................................................................................................19
Health Services...................................................................................................25
History (Major & Minor)...................................................................................216
Humanities Division...........................................................................................339
Incomplete Grades............................................................................................46
Independent Study............................................................................................49
Individualized Major.........................................................................................49, 222
Individualized Minor.........................................................................................50
Intercultural Honors Experience (IHE)..............................................................18, 64
International Baccalaureate Examination Credit (IBO).................................50
International Relations Minor..........................................................................269
International Students...................................................................................... 7
International Travel Scholarship........................................................................17
Internship Program.............................................................................................51
Journalism Division...........................................................................................339
Leadership Certificate.......................................................................................226
Leadership Minor...............................................................................................227
Leadership Program...........................................................................................224
Liberal Arts Courses.........................................................................................68
Library, B. F. Hamilton.......................................................................................23
Loans...................................................................................................................20
Majors, Academic.............................................................................................32
Master of Science in Athletic Training...............................................................314