

# Welcome to Miami University

Congratulations on making the decision to attend Miami University, the tenth-oldest public university in the nation with a long history of excellence in undergraduate liberal arts education. From its beginning, Miami has emphasized a deep and abiding commitment to our students' growth and academic success.

In just a few short weeks, you will be joining the more than 3,500 other incoming first-year students to initiate your new life as a Miami student. The academic advising community has prepared this guidebook which gathers in one place essential and useful information for new students. I encourage you to review this guide carefully during and after fall semester orientation and to continue to use it as a reference throughout your first academic year.

The guidebook should answer many of your academic questions, including curricular matters (e.g., "Which courses should I complete by the end of my first year? What requirements do I need to meet for graduation?") as well as practical matters (e.g., "How do I learn who my advisor will be? Where should I go if I need support to succeed in my classes?").

This book is meant as a guide in the true sense of that term and not as a substitute for other University publications such as the catalog (called the [\*Miami General Bulletin\*](#)) or the policy handbook (which is available in an [online policy library](#)). It also is intended to supplement, rather than replace, the many conversations we hope you will have with your academic advisor, residence hall director, and other academic support staff-persons with whom you will form a special relationship and about whom you will read more later in these pages.

The Miami community is rich with a wide range of opportunities that will be new to you. Many students are reluctant to admit they do not know something. Taking the initiative to seek counsel is a sign of maturity and a willingness to explore new opportunities--traits that Miamians hold dear. So, I encourage you to seek out your advisor and ask plenty of questions. Through thoughtful questions, careful reflection, and purposeful searching for information, your Miami experience will be more rewarding and meaningful.

I wish you well and hope your transition into our extraordinary community is successful and satisfying.

Sincerely,  
Jason Osborne  
Provost and Executive Vice President for Academic Affairs

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## ***What is Miami All About?***

### ***Understand Our Mission & Focus on Academic Learning***

Miami University, a student-centered public university founded in 1809, has built its success through an unwavering commitment to liberal arts undergraduate education and the active engagement of its students in both curricular and co-curricular life. Miami is deeply committed to student success, builds great student and alumni loyalty, and empowers its students, faculty, and staff to become engaged citizens who use their knowledge and skills with integrity and compassion to improve the future of our global society.

Miami provides the opportunities of a major university while offering the personalized attention found in the best small colleges. We value teaching and intense engagement of faculty with students through the teacher-scholar model by inviting students into the excitement of research and discovery. Miami's faculty are nationally prominent scholars and artists who contribute to Miami, their own disciplines, and to society through the creation of new knowledge and art. The University supports students in a highly involved residential experience on the Oxford campus and provides access to students, including those who are time- and place-bound, on its regional campuses. Miami provides a strong foundation in the traditional liberal arts for all students, and offers nationally recognized majors in arts and sciences, business, education, engineering, and creative arts, as well as select graduate programs of excellence. As an inclusive community, Miami strives to cultivate an environment where diversity and difference are appreciated and respected.

Miami instills in its students intellectual depth and curiosity, the importance of personal values as a measure of character, and a commitment to lifelong learning. Miami emphasizes critical thinking and independent thought, an appreciation of diverse views, and a sense of responsibility to our global future.

### ***Abide by the Code of Love & Honor***

Want to know what Miamians value? Read and follow Miami's Code of Love & Honor:

**I Am Miami.**

**I believe...**

that a liberal education is grounded in qualities of character and intellect.

**I stand...**

for honesty, integrity, and the importance of moral conduct.

**I respect...**

the dignity, rights, and property of others and their right to hold and express disparate beliefs.

**I defend...**

the freedom of inquiry that is the heart of learning.

**I exercise...**

good judgment and believe in personal responsibility.

**I welcome...**

a diversity of people, ideas, and experiences.

**I embrace...**

the spirit, academic rigor, opportunities, and challenges of a Miami Experience, preparing me to make the world a better place.

**I demonstrate...**

Love and Honor by supporting and caring for my fellow Miamians.

And because I Am Miami,

**I act...**

through my words and deeds in ways that reflect these values and beliefs.

With a deep sense of accomplishment and gratitude,

**I will...**

Love, Honor, and make proud those who help me earn the joy and privilege of saying,

"To think that in such a place, I led such a life."

## **Respect Differences**

Respect for human diversity is an essential element of the Miami University community. Miami University strongly opposes and will not tolerate harassment or discrimination on the basis of sex (including sexual harassment, sexual violence, or sexual misconduct, domestic violence, dating violence, or stalking), race, color, religion, national origin, disability, age, sexual orientation, gender identity, pregnancy, military status, or veteran status. This prohibition extends to harassment or discrimination based on the protected status listed above, including the creation of an intimidating, hostile, or offensive working, educational, or living environment. This policy also prohibits discrimination in employment based on genetic information as prohibited by the Genetic Information Nondiscrimination Act of 2008 (GINA).

The University is dedicated to ensuring access and equal opportunity in its education programs, campus life, co-curricular activities and employment. Students who experience discrimination should report this information to university officials. Retaliation against an individual who has raised claims of illegal discrimination or cooperated with an investigation of such claims is prohibited.

Students should bring questions or concerns to the attention of the Office of Equity and Equal Opportunity, Hanna House, 513- 529-7157 (TTY-TDD 711) and 529-7158 (fax).

### *Disability Access and Inclusion*

Miami University is committed to delivering an equitable and inclusive experience for students with disabilities. Students may self-disclose disability and request reasonable accommodation by contacting the Miller Center for Student Disability Services, [www.miamioh.edu/sds](http://www.miamioh.edu/sds), [sds@miamioh.edu](mailto:sds@miamioh.edu) (email), 513-529-1541 (phone), 7-1-1 (Ohio Relay), 513-529-8595 (fax), 304 Shriver Center. Students may also submit an [Access Barrier Form](#) to report digital, physical or other accessibility barriers.

### *Title IX/Sexual Misconduct Statement*

Miami University is committed to maintaining a healthy and safe learning, living and working environment and to creating an environment that promotes responsibility, dignity and respect in matters of sexual and interpersonal conduct.

Miami University, as a recipient of federal funds, complies with Title IX and has designated the following individual to serve as the Title IX Coordinator:

Ms. Kenya Ash

Title IX Coordinator and Director of the Office of Equity and Equal Opportunity

Phone: (513) 529-7157 (V/TTY)

[ashd@miamioh.edu](mailto:ashd@miamioh.edu)

<https://www.miamioh.edu/diversity-inclusion/oeeo/index.html>

219 E Spring Street, Hanna House, Oxford, OH 45056

[Online Incident Report Form](#)

Title IX of the Education Amendments 1972 (20 U.S.C. §1681 et seq) and its implementing regulations state, "No person in the United States, shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance." Title IX of the Education Amendments of 1972, and its implementing regulation at 34 C.F.R. Part 106 (Title IX).

Any student, employee, or applicant for employment or admission to Miami University who believes that they have been discriminated against on the basis of sex may file a complaint with the Title IX Coordinator. To file a complaint against a Miami University student, faculty, staff or visitor for sex discrimination or any form of sexual misconduct including harassment, stalking, or assault, contact the Title IX coordinator or any deputy Title IX coordinator. A report can be submitted by mail, by email, in person, by telephone, or by using the electronic incident reporting form. Reports may be made at any time, even after regular business hours. Upon receipt of a report, the Title IX Coordinator/Deputy Title IX Coordinator will assist the complainant in identifying the appropriate Miami University policy and corresponding grievance procedure to resolve the complaint in a prompt and equitable manner.

Miami University Employee and Student Grievance Procedure outlines the formal grievance process and available supportive measures. The University's process for addressing Prohibited Conduct is grounded in fairness and support for all parties, includes procedural protections that ensure notice and meaningful opportunities to participate, and recognizes the dynamics involved in Prohibited Conduct.

Deputy Title IX Coordinator for Athletics- Ms. Jennifer A. Gilbert, Associate Athletic Director/Senior Woman Administrator/Director of NCAA Compliance is the University's Deputy Title IX Coordinator for matters related to equality of treatment and opportunity in Intercollegiate Athletics. This includes athletic financial assistance, accommodation of interests and abilities, and equity of athletic program benefits. Ms. Gilbert may be reached at Millett Assembly Hall, Miami University, Oxford, Ohio 45056, 513-529-3113 or

[gilberj2@MiamiOH.edu](mailto:gilberj2@MiamiOH.edu).

Deputy Title IX Coordinator for Students - Dr. Jaymee Lewis-Flenaugh, the Assistant Dean of Students, is the University's Deputy Title IX Coordinator for matters related to student sexual and interpersonal violence. This includes sexual misconduct, sexual violence, and sexual coercion of students. Dr. Lewis-Flenaugh also serves as the coordinator for matters relating to student domestic violence, dating violence, and stalking. Dr. Lewis-Flenaugh may be reached at 104 Warfield Hall, Miami University, Oxford, Ohio 45056, 513-529-1870 or [TitleIX@miamioh.edu](mailto>TitleIX@miamioh.edu).

Deputy Title IX Coordinator for Regional Students - Dr. Bennyce Hamilton, Regional Director of the Center of Diversity, Equity, and Inclusion, is the University's Deputy Title IX Coordinator for matters related to regional student sexual violence. This includes sexual misconduct, sexual violence, and sexual coercion of students. Dr. Hamilton also serves as the coordinator for matters relating to regional student domestic violence, dating violence, and stalking. Dr. Hamilton may be reached at 117 Rentschler Hall, 1601 University Boulevard, Hamilton, Ohio 45011 or 144 Johnston Hall, 4200 N. University Blvd, Middletown Ohio 45042, 513-785-3283 or [hamiltbe@miamioh.edu](mailto:hamiltbe@miamioh.edu).

Sections 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act Coordinator - Section 504 and the ADA are federal laws prohibiting discrimination on the basis of disability. The University's Section 504 and ADA Coordinator is Ms. Kenya Ash, Director of the Office of Equity and Equal Opportunity, Hanna House, Miami University, Oxford, Ohio 45056. Ms. Ash may be reached at 513-529-7157 (V/TTY) or [ashkd@MiamiOH.edu](mailto:ashkd@MiamiOH.edu).

For more information, see the [Policy Prohibiting Harassment and Discrimination](#) and the [Title IX Protocol](#).

Inquiries about the application of Title IX may be referred to the Title IX Coordinator, the U.S. Department of Education's Assistant Secretary for Civil Rights (OCR) or both. The U.S. Department of Education's Assistant Secretary can be reached at:

Office of the Assistant Secretary for Postsecondary Education

U.S. Department of Education

Office of Postsecondary Education

400 Maryland Avenue, S.W.

Washington, DC 20202

Main Telephone: 202-453-6914

## **Promote a Healthy Environment**

All Miami University campuses are designated as smoke- and tobacco-free environments. Smoking and tobacco use are prohibited in all Miami University-owned facilities and on the grounds of any University-owned property, including street parking and garages controlled by the University (including inside personal vehicles parked on University property), and sidewalks that adjoin University property.

## **Advising at Miami**

### **Your Academic Advisor**

The goal of academic advising at Miami University is to assist students in steadily gaining ownership over their college experience. Through the art of dialogue, advisors teach students to value the learning process, apply decision-making strategies, put the college experience into perspective, set priorities and evaluate events, develop thinking and learning skills, gain personal and intellectual maturity, and make informed choices.

At orientation, an academic advisor with general knowledge of the University curriculum will be available to answer questions about your academic program, course selections, and career opportunities in your major.

In August, you will be assigned an academic advisor who has expertise in your identified major. If you are undecided, you will be assigned a Student Success Navigator. When you choose a major, you will be assigned an advisor in your academic department.

<b>What Advisors <i>Can</i> Do</b>	<p>Help students to:</p> <ul style="list-style-type: none"> <li>• Know their requirements for graduation and use advising tools to proactively manage timely degree completion</li> <li>• Craft a coherent educational plan based on an understanding of their abilities, aspirations, interests, and values, leading to realistic academic and professional goals</li> <li>• Understand how/where to find answers to questions</li> </ul>
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	<ul style="list-style-type: none"> <li>Discover and integrate co-and extra-curricular activities and programs that enhance their academic/collegiate experience and prepare them for their future in a global society.</li> </ul>
<b>What Advisors <i>Can't</i> Do</b>	<ul style="list-style-type: none"> <li>Ensure that students can get into every course exactly when they want to take it (that is, "force add" students into particular classes)</li> <li>Change university policy or alter academic requirements</li> <li>Know what students need unless students communicate their needs</li> <li>Force students to meet or to read advising-related communications</li> <li>Guarantee that students will succeed in every class</li> </ul>

Your academic advisor is your best resource to help you plan your academic schedule, offer guidance on academic success, and ensure that you graduate in a timely manner.

## ***Who is My Advisor?***

To find your academic advisor's name and contact information, wait until after the fall semester begins, and then take the following steps:

1. Log in to [myMiami](#), accessible via the main Miami website.
2. Click on the "Student" tab located near the top of the screen.
3. Find advisor and contact information in the top right corner.

You may send your advisor an email to request an appointment.

## ***What's the best time to meet with your advisor?***

All first-year students should meet with their academic advisor between September and early November in the fall semester to plan for their winter term and spring semester and between mid-February and late March in the spring semester to plan for the following summer and fall semester.

Follow these guidelines to make the most of your advising relationship and to better ensure your academic success at Miami:

- Contact your advisor each semester during the windows of time noted above to arrange an appointment.
- Send the advisor a polite email that introduces yourself, asks for an advising appointment, and suggests multiple times when you are available to meet. If you don't hear back after two days, leave the advisor a phone message.
- Meet with your advisor if you are experiencing difficulties, need clarification on academic requirements or policies, are considering a new or different major, or are preparing for graduation.
- Come to your advising session prepared with a list of your questions.

Use the worksheets below to prepare for your orientation and first-semester advising sessions.

## ***Orientation Advising: Incoming Credit Worksheet***

Please complete the following worksheet prior to attending your fall or spring semester orientation program. Be sure to bring this information with you to your advising session.

**Did you take any Advanced Placement (AP) tests? If so, list them below. Include tests you may have recently taken, even if you do not yet know your score.**

<u>AP Subject (e.g., Biology)</u>	<u>Score (if known) (e.g., 3)</u>

**Have you earned college-level credit for courses taken in high school or through a college or university?  
If so, please list the information below.**

<u>Course Title (e.g., Composition &amp; Rhetoric)</u>	<u>Course Number (e.g., ENG111)</u>	<u>College/University Issuing Credit (e.g., Miami University)</u>

Are you anticipating credits from any other sources, such as: International Baccalaureate (IB), College Level Examination Program (CLEP), A-levels? If so, list them below.

Type of Credit (e.g., IB)	Subject Area (e.g., History of the Americas)	Score (if known) (e.g., UNKNOWN)

What questions do you have for your advisor at orientation? Write them below.

## First Semester Advising Session Worksheet

It is important that you complete the questions below before meeting with your academic advisor during your first semester so that you can fully benefit from your appointment.

In the space below, jot down some of the things that you are interested in learning or doing while at Miami (e.g., learning a foreign language, studying abroad, taking a statistics course, getting involved in a music ensemble, pursuing a particular major). Use the table below to help guide you. Respond as thoroughly as you can, but note that you do not necessarily have to enter something for each category.

Major(s), Co-Major(s), Minor(s) I might want to pursue	
Courses I may want to take	
Student activities and organizations I am considering or have already joined	
Off-campus activities or work experience I may want to pursue	
Other experiences (study abroad, research, community service) I may wish to pursue	

### Questions to answer:

1. What has been the most rewarding aspect of college so far?
  
2. What has been the biggest challenge of college so far?
  
3. Approximately how much time are you studying each week?

4. What are some of the short-term goals you have (for this and next semester)? List at least three.
  
5. What are some long-term goals you have (goals to accomplish before you graduate or after you graduate)?
  
6. Which people or what resources/offices can help you achieve some of your long- and short-term goals?
  
7. Carefully read your Degree Audit Report (DAR) and determine which requirements you might like to take next semester. Look up those courses in the *General Bulletin*, and read the descriptions. Find and read the section in the *General Bulletin* about your major (if you have identified one). Use all this information to think about which courses you need to take and would like to take next semester. List some of those courses below.
8. What questions do you have for your academic advisor? Once you have completed this worksheet, print a copy of it and print your Degree Audit Report. Take both to your advising session with your academic advisor.

*Action Steps to Take After the Advising Appointment (to complete with your advisor during your appointment):*


### **Additional Advising Help**

If you need immediate assistance and cannot locate your advisor quickly, you may contact one of the following advising resources:

1. The advising office in the academic division of the department of your major:
  - o **College of Arts & Science** [146 Upham Hall; CASadvising@MiamiOH.Edu]
  - o **College of Creative Arts** [103 Center for Performing Arts]
  - o **College of Education, Health, and Society** [202 McGuffey Hall]
  - o **College of Engineering & Computing** [106 Benton Hall]
  - o **Farmer School of Business** [1022 Farmer School of Business]
  - o **Regional Campuses and College of Liberal Arts and Applied Science** [Hamilton: Second Floor, Rentschler Hall; Middletown: 1 Johnston Hall]
  
2. The Student Success Center: [112 Nellie Craig Walker Hall; studentsuccess@MiamiOH.edu]

### **Additional Forms of Academic Support**

#### **Oxford Campus**

Center for Career Exploration & Success Staff	Armstrong Center	Provide career development mentoring for students as well as training for faculty on career development and career development resources
Global Initiatives Staff	214 MacMillan	Provide information and support to international students, including programming, workshops, mentoring; oversee faculty development to help them work better with international students; provide advice on study abroad opportunities
Honors College Staff	13 Peabody Hall	Provide information and advising on honors requirements as well as programming relevant to high-ability students, including advisement for prestigious fellowships
Miller Center for Student Disability	304 Shriver Center	Coordinates accommodations, auxiliary aids, accessible technology and support services to ensure students with disabilities have an equitable and inclusive Miami University experience.

Services, sds@miamioh.edu		
Resident Assistants and Resident Directors	Your residence hall	Provide socio-emotional support, guidance on out-of-class activities and engagements, consultation on roommate conflicts, and assistance on transitioning into college life
Rinella Learning Center Staff	304 Shriver Center	Provide academic support to all Miami University students through academic counseling, coaching, tutoring, and other services designed to support students in their achievement of academic goals
Student-Athlete Support Staff	104 Gross Student Athletic Center	Provide support to student-athletes, including additional study skills, mentoring, and workshops
Student Counseling Staff	500 Harris Drive	Provide mental health counseling on an as-needed basis
Student Success Center Staff	112 Nellie Craig Walker Hall	Offer comprehensive referrals and manage special student cases and situations such as students who have stopped out, have registration holds, failed to register for an upcoming term, or have other high-risk factors

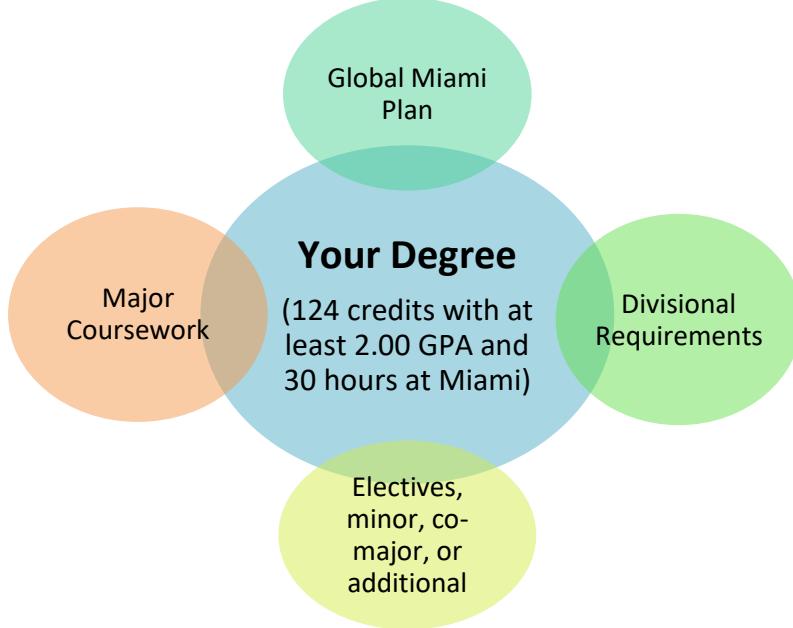
## Regional Campuses

Career Services & Professional Development	120 Rentschler (Hamilton) 105 Johnston (Middletown)	Provide career development advising (to include choosing a major and career planning) for students as well as training for professional job search readiness, and connecting with employers for internships and full-time career opportunities through career fairs, on-campus interviews, and job postings on Handshake.
Offices of Advising	2 <sup>nd</sup> floor Rentschler (Hamilton) & 1 Johnston Hall (Middletown)	Advising houses professional academic advisors who are available by appointment and, at certain times of the week, during drop-in hours to provide guidance on the Global Miami Plan for Liberal Education, divisional and major requirements, choosing a major, and career planning.
Tutoring & Learning Assistance	102 Rentschler (Hamilton) & 2 Johnston (Middletown)	The Tutoring & Learning Center (TLC) provides academic support for most Miami Plan courses by providing group and individual tutoring, in-person and distance, Student Success workshops and academic coaching or mentoring. The TLC helps students become better students.
TRIO - Student Support Services (SSS)	104 Rentschler (Hamilton) & 008 Johnston (Middletown)	Offers an educational support program funded by the United States Department of Education, whose goal is to help eligible first-generation, income eligible, or Student Disability Services affiliated students to graduate on schedule with the lowest amount of financial debt.
Counseling & Disability Services	130 Rentschler (Hamilton) 14 Johnston (Middletown)	<p><u>Counseling:</u> Regional Student Counseling Services offers free, confidential counseling to students facing personal difficulties, family or individual crises, and mental health challenges. Depression, anxiety, grief, relationship issues, and traumatic experiences are common reasons students seek counseling services. In addition, we support students in exploring their own identities, values, and goals. Community-based referrals are given when appropriate.</p> <p><u>SDS:</u> Student Disability Services (SDS) coordinates accommodations, auxiliary aids, and support services to ensure access to the educational and University life setting for students with disabilities. Access planning is available for students with, but not limited to, learning, psychological, medical, physical, attention, and autism spectrum disabilities. Students are encouraged to engage with SDS to receive accommodations. Connecting with SDS starts with student self-disclosure. Contact SDS on your campus or visit this <a href="#">link</a> to learn more.</p>
Regional Honors	Dr. John Cinnamon, cinnamjm@miamioh .edu	Teaches, advises, and assesses Regional honors students to meet program requirements that are customized by students.

## Understanding the Undergraduate Curriculum

Miami University offers multiple types of baccalaureate degrees. It also offers several associate degrees, such as Associate in Arts, Associate of

Applied Business, Associate of Applied Science , and Associate of Technical Study.



## ***Global Miami Plan***

Miami University was founded on the belief that a liberal education provides the best possible framework for life in a changing world. At Miami, liberal education complements specialized studies in the major. It is designed to help students understand and creatively transform human culture and society by giving students the broad knowledge and critical lifelong tools to ask questions, examine assumptions, exchange views with others, and become better global citizens.

The signature feature of the Global Miami Plan is its emphasis on critical thinking and written communication, which are embedded in all components of the plan. The Global Miami Plan also advances other learning objectives or competencies such as: civic knowledge and engagement, creative thinking, ethical reasoning, global learning, intercultural knowledge and competence, integrative learning, information literacy, inquiry and analysis, lifelong learning, oral communication, problem solving, teamwork, and quantitative literacy.

All students must complete liberal education requirements as well as courses in their major(s). The Global Miami Plan has six parts: Foundation Courses, Thematic Sequence, Advanced Writing, Intercultural Perspectives, Experiential Learning, and Capstone.

The **Foundation** (MPF) requirement is met by taking a minimum of 27 semester hours of Foundation courses across five specific areas:

- I.     **English Composition (3 credit hours)**
- II.    **Creative Arts, Humanities, Social Science (9 credit hours)**
  - A. Creative Arts (3 credit hours)
  - B. Humanities (3 credit hours)
  - C. Social Science (3 credit hours)
- III.   **Global Perspectives (6 credit hours)**
  - A. Study Abroad (6 credit hours fulfills requirement), **OR**
  - B. Global Courses (6 credit hours)
- IV.    **Natural Science (6 credit hours, must include one laboratory course)**
  - A. Biological Science (3 credit hours minimum)
  - B. Physical Science (3 credit hours minimum)
- V.     **Mathematics, Formal Reasoning, Technology (3 credit hours)**

The **Thematic Sequence** (MPT) requirement is met by completing related courses (at least nine credit hours) in an approved Thematic Sequence outside the student's department of major. This requirement can also be fulfilled by a second major or a minor outside the department of the student's major.

The **Advanced Writing** requirement is fulfilled by completing three hours in an approved advanced writing course or set of courses. These courses are typically at the 200-300 level and focus on writing instruction.

The **Experiential Learning** requirement carries no specific credit hour minimum and can be fulfilled by coursework, service learning, independent study, internships, student teaching, or courses involving significant performance or portfolio projects.

The **Intercultural Perspectives** requirement is fulfilled by completing three credit hours in an approved Intercultural Perspectives course.

The **Capstone** course (MPC) requirement is met by completing a minimum of three credit hours in an approved Capstone course during a student's senior year.

## ***Divisional Requirements***

Miami University has six different academic divisions. Five of them are located on the Oxford campus:

- College of Arts & Science
- College of Creative Arts
- College of Education, Health & Society
- College of Engineering & Computing
- Farmer School of Business
- College of Liberal Arts and Applied Science (located on the regional campuses)

The College of Arts & Science and the Farmer School of Business have additional course requirements for students who pursue majors in their division. For more information, see the sections on these two divisions in this guidebook.

## ***Major Requirements***

A major is a cohesive combination of courses including introductory, intermediate, and advanced coursework that designates a student's primary area of undergraduate study. Majors may include required or optional concentrations. A major typically carries a minimum of 36 credit hours. Majors are designated on University transcripts at the time the degree is awarded.

You do not necessarily need to choose a major when you begin at Miami. If you are undecided about your major, you can either choose a division in which you believe you will end up selecting a major (e.g., College of Education, Health and Society; College of Engineering & Computing) or, if you are not certain about an academic division, you can be generally undecided, in which case you will be in the Office of Exploratory Studies, where you will receive guidance from your Student Success Navigator to select courses, explore your options, and ultimately determine your major.

Your Student Success Navigator will assist you in selecting courses that fulfill Global Miami Plan requirements while exploring your interests, so you can complete your degree in a timely fashion. Note, however, that some majors require four successive years and should be started in the first semester. Your Student Success Navigator can assist you with your academic plan.

To declare a major after taking classes for a semester or more, visit the department of the major where the major declaration process starts. Your new program information will be submitted by the department and will then show on your academic records. At this point, you will begin working with your departmental academic advisor to stay on track for completing your major.

## ***Co-Major and Minor Requirements***

*Co-major*s are designed to provide a complementary perspective to a student's primary major and require at least 30 credit hours. Students receive the degree designation of their primary major with the co-major listed on the transcript. A co-major is usually declared after declaring your primary major in one of Miami's academic divisions. Many co-majors also satisfy the Global Miami Plan thematic sequence requirement.

A *minor* is a second field of study taken along with a major, which is designed to widen your primary area of interest or increase your career opportunities. Completing a minor is optional. Most minors require fewer hours than majors; all require at least 18 credit hours in a specified program. Minors may be offered within one department or across several departments.

Minors are offered in many fields of study. A list of minors is in the "Understanding the Undergraduate Curriculum" chapter of this guidebook.

To earn a minor, fulfill these minimum requirements (some minors require more):

- Notify the minor advisor that you want to enroll in the minor and have the minor added to your academic record. Some minors have entry restrictions or requirements.
- Complete all coursework in the minor with a minimum 2.00 grade point average (GPA). Some minors require a higher GPA.
- Take each course for your minor for a grade, not for credit/no-credit, unless exceptions are stated.

- Complete a bachelor's degree, which is required to complete a minor.

You may choose more than one minor. All completed minors are noted on your academic record. Courses used to satisfy the requirements for one minor may also be used to satisfy the requirements for another minor or major. Not all major programs allow students to record certain minors, and some minors are open only to certain majors. Check with your advisor for more information.

Students may use a minor to meet the Global Miami Plan Thematic Sequence requirement if the minor has nine hours outside the department of the student's major and six of those nine hours are at the 200 level or above. See the Global Miami Plan section in the "Understanding the Undergraduate Curriculum" chapter of this guidebook for more information.

## ***Electives***

Elective courses are taken beyond the major, divisional, and Global Miami Plan requirements to complete the credit hours necessary for a degree. The number of electives varies by program. Electives are an excellent way for you to try out a possible major or minor, explore a side interest or hobby, or step out of your typical comfort zone to learn something new!

## ***Other University Requirements***

- Completion of 124 total semester credit hours
- Make sure that at least 30 of these semester hours are from Miami University (any campus), including 12 of the final 30 hours
- Maintain at least a 2.00 cumulative GPA

## ***Living Learning Community Courses***

A Living Learning Community (LLC) is a group of students who live together on a corridor or in a residence hall that is closely tied to an academic major, university program, or initiative. Through partnerships with a variety of departments, faculty, and staff, students have access to activities that tie directly into the theme of their LLC. In an LLC, students are co-enrolled into one or more classes, which further support their transition and academic success at Miami University. Programming is closely aligned with the community theme and often includes faculty and staff partners, to assist in community building, academic success, cultural competency, and intrapersonal development.

The table below lists each LLC and any associated courses for that community. If you have questions about your LLC and/or LLC courses, please contact the Office of Residence Life at 513-529-4000 or [residencelife@MiamiOH.edu](mailto:residencelife@MiamiOH.edu). A Residence Life staff member will be present at fall semester orientation to address these questions during advising and registration.

Living Learning Community	Description	Course(s)
Advancing Women in Engineering and Software at Miami (AWESoM)	The AWESoM LLC is an academically-focused group of women who live together to further their opportunity for involvement with faculty and build a strong community of women in engineering and computing.	None
Bridges Scholars	The Bridges Scholars Living Learning Community connects students who have completed the Bridges Program for high school seniors. Participants engage in activities to help facilitate their transition to college.	Required Course: EDL 383
Celebrate the Arts	Students expand, educate, and explore interests and involvement in the arts through co-curricular experiences in an effort to foster a life-long commitment to the arts.	Recommended Course: CCA 182
Community Justice and Well-being	This interdisciplinary program is designed to encourage and facilitate place-based education in urban settings around issues of social justice.	Required Course: SJS 215
DiscoverU (University Studies Students Only)	Restricted to incoming first-year Exploratory Studies students. Provides opportunities to explore majors and possible career paths.	Required Course: UNV 101 (fall) EDL 100 (spring)

Education, Health and Society	Offers the opportunity to explore themes and issues for first-year students who are interested in education, helping professions, and being instruments of change in our society.	None
Emerging Leaders	Emerging Leaders live and learn with a group of rising leaders interested in doing their part to have a positive impact on the world.	None
Entrepreneurship	This community is for students interested in learning what it means to be an entrepreneur and how to apply entrepreneurial thinking and behavior to their careers and passions.	Required Course: ESP 101
Environmental Awareness Program	This community offers activities that support learning about energy use on campus and in the Oxford community, environmentally sustainable practices, and local/organic foods, among other environmental issues.	None
Explore Miami	This Living Learning Community is designed for students interested in exploring a variety of opportunities at Miami University. In this LLC, students are exposed to multiple university involvement opportunities, academic resources, and athletic events.	None
Film & Video Making	This LLC provides students in any major an opportunity to live with other students who are interested in video and film production. The community partners with the Department of Media, Journalism & Film on programs.	Recommended Courses: MFJ 105 & FST 201
FYRE: First Year Research Experience (HASS Scholars Only)	The FYRE LLC is restricted to the HASS Scholars Program in the College of Arts & Science and focuses on the Humanities and Social Sciences. This LLC provides students with opportunities to explore and engage in undergraduate research experiences, learn about resources on campus related to undergraduate research, and participate in team-based exploratory projects under the guidance of research-active faculty.	Required courses: UNV 171 (fall) UNV 172 (spring)
Global Connections	Global Connections is a tight-knit, dynamic living learning community where students build strong bonds with one another. Students select Global Connections because of their shared interests in travel, studying languages, and exploring other cultures.	Required course: IDS 151
Governmental Relations Network	Provides students with the opportunity to explore government-related careers and professions through a wide ranging network of alumni, University friends, public officials and other professionals serving in government related fields.	Required course: EDL 110
Guys in Engineering & Computing	The GiEC community is open to men with interest in and studying in the fields of engineering and computing.	None
Health and Wellness	The Health and Wellness LLC is ideal for students who want to focus on multiple dimensions of wellness. Students have the opportunity to participate in different programs throughout the academic year. Note: Participants are charged a \$175 fee.	Required course: EDL 110
Honors Residential College	All incoming first-year students in the Miami University Honors College are <b>required</b> to live in the Honors Residential College. Students in the Honors Residential College experience an environment that challenges and supports them to explore and design their own educational journey.	None
Innovation, Design Thinking, & Creativity	This community explores and develops innate abilities to find creative and innovative solutions to everyday problems through design thinking.	None

Love. Honor. Pride.: An LGBTQ+ and Gender Inclusive Community	The Love. Honor. Pride. Affinity Community is dedicated to creating a gender inclusive space for LGBTQIA+ students and their allies during their residential experience at Miami.	None
Mallory-Wilson Center Premedical	Explore career opportunities in medicine. Learn about the current dynamics and issues of the medical profession, and the nature/realities of medical practice.	Required course: PMD 101
Miami Firsts Affinity Community	This community supports students who are first-generation/first in the family to attend college by helping with their adjustment to college life at Miami University and making it their home for the next few years.	None
Nursing	This community supports Nursing students admitted into the Oxford Nursing cohort, where they find peer academic support and greater connection with faculty.	Required course: NSG 100 (spring)
Out of State Affinity Community	This community supports Out of State students by helping ease the transition and assisting in making Miami University and Ohio their home for the next few years.	None
Outdoor Pursuits	This community is ideal for students who love outdoor pursuits and want to learn about outdoor activities. Students participate in up to 4 different program opportunities throughout the year. Note: Participants are charged a \$175 fee.	Required course: EDL 290R
Passport	All incoming first-year students in the Farmer School of Business Passport Program are <b>required</b> to live in the Passport LLC. The residential component of the Passport Program fosters a sense of community and belonging in the cohort by providing seminars, workshops and activities aimed at personal and professional growth.	None
Prodesse Scholars	One of the strengths of the Prodesse Scholars Program is its interdisciplinarity. Given the variety of interests pursued by its students, there is not a singular living learning community (LLC) dedicated to Prodesse Scholars. Instead, we encourage Prodesse Scholars to live in any of Miami's many outstanding LLCs, particularly those associated with their areas of interest (e.g. Premedical Scholars living in the Mallory-Wilson Center Premedical LLC).	None
ROTC and Military Affiliated Affinity Community	This community supports students who are part of the Reserve Officer Training Corps (ROTC) program as well as students who are military affiliated.	None
Sports & Recreation	The Sports & Recreation Learning Community is ideal for students who have a passion for sports and seek experiences that involve physical activity. Note: Participants are charged a \$175 fee.	None
Stokes Scholars (LSAMP)	This community is restricted to students who are participating in the LSAMP program and seek the support of fellow student participants in a residential community.	Required courses: UNV 171 (fall) UNV 172 (spring)
Transfer Affinity Community	The Transfer community aims to ease the transition of students who might already have other collegiate experience to Miami.	None
WEST: Where Engaged Students Thrive	The WEST LLC houses intellectuals, activists, and others who march to their own beat. The WEST LLC supports students to design individualized paths through college--both inside and outside of a traditional major--and its academic home (the Western Program) has been successful in this mission for nearly 50 years.	Required course: WST 251

Women in Science Disciplines, Engineering, and Mathematics (WiSDEM)	The Women in Science Disciplines, Engineering and Mathematics (WiSDEM) LLC focuses on the success and mentoring of women in science, engineering and math. WiSDEM is an academically focused group of young women selected to live together in a facilitated living learning environment to further their opportunity for involvement with faculty.	None
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For more information on LLCs, please visit the Office of Residence Life's Community Options webpage: <https://www.miamioh.edu/student-life/residence-life/residential-communities/community-options/>.

## Accessing Key E-Information Sources

### ***myMiami Portal***

myMiami, which is available via the Miami University website home page, gives you access to a variety of information, resources, and services, such as:

- Web access to your Miami email
- Miami announcements and news headlines
- Information about university activities and offices
- Link to Canvas, which is the course management system (where many of your course syllabi and information will live)
- Link to the Hub, which is a directory of student organizations and clubs
- Access to many Miami web services, including BannerWeb, which is where you can find your degree audit, course registration system, and transcript

This portal includes role-based tabs and a My Tab page you can customize with only the information you want to see.

**Reminder:** Be sure to provide your local contact information and the name of a family member or another significant person and their contact information. You also need to provide contact information for a person who can be readily contacted in case of a crisis or emergency. You can do this via the BannerWeb icon by clicking on Personal Information. Failing to do this could delay your ability to register for courses.

### ***One Stop***

The One Stop is a virtual and physical space that provides essential information relating to registration, financial aid, student records, billing and payment, veterans' affairs, and residency. From this site, you can order transcripts, make a payment, see key deadlines, view your progress on completing degree requirements (through the degree audit), and more. Visit the website at <http://MiamiOH.edu/onestop/> or head to Nellie Craig Walker Hall, room 100, (513) 529-0001, [OneStop@MiamiOH.edu](mailto:OneStop@MiamiOH.edu). Regional CampusesHamilton Campus Mosler Hall, room 102; or Middletown Campus Johnston Hall, room 114, (513) 217-4111, [RegOneStop@MiamiOH.edu](mailto:RegOneStop@MiamiOH.edu)

## Preparing for Registration

### Semester Course Load

- You should aim to complete your degree by the end of the 2026 spring semester. Most students take credits during the fall and spring semesters, but you can also enroll in summer and winter terms.
- To meet the minimum graduation requirement of 124 credit hours in eight semesters, you should average 15-16 credit hours per semester and/or take summer and winter courses. We recommend that you take 15-18 credits each semester during your first year.
- Failure to enroll in at least 12 credit hours in the fall or spring semester (which is the minimum needed to be a full-time student) could have negative consequences for academic eligibility, future registration, housing, insurance, and financial aid.
- The maximum credit-hour limit for an undergraduate student is **based upon courses taken at all locations of Miami University** and is limited to 20 credit hours per semester. The limit for summer term is 16 credit hours, and the limit for winter term is 6 credit hours. A student who wishes to exceed the maximum credit-hour limits must obtain permission from the dean of their academic division.

## ***Adjusting Your Schedule***

### ***Adding Courses***

Students may add, without a signature of acknowledgment from the instructor, courses that have open seats during the first three (3) calendar days of all four terms or the first two (2) calendar days of any sprint part of term. Classes can be added online during this period (see One Stop website for more information). Following this period, an instructor may approve a student to add a full-semester course through the close of business on the fifth (5th) day of the semester/term (including weekends/holidays). An instructor may also refuse to accept a student after this period if, in their judgment, too much subject matter has already been covered. Departments may choose to approve the student action in

addition to or in place of the course instructor.

## Dropping or Withdrawing from Courses

Dropping a course/withdrawing from a course is a formal administrative procedure. Merely ceasing to attend class is not the same as dropping a course. Before dropping a course, a student should consult with their instructor and academic advisor. Students should refer to the Academic Calendar on the One Stop website ([MiamiOH.edu/OneStop](http://MiamiOH.edu/OneStop)) for specific academic deadline dates.

A student may drop a course during the first 20 percent of the course duration, in which case no grade or other designation will appear on their official record.

A student may withdraw from a course after the first 20 percent of the duration of the course and, ordinarily, before the end of 60 percent of the duration of the course. In this case, a grade of "W" will appear on the student's official record. A "W" is not calculated in the student's grade point average. Refer to the One Stop website ([MiamiOH.edu/OneStop](http://MiamiOH.edu/OneStop)) for [refund policy](#) information as well as the [academic calendar](#) for specific academic deadline dates.

## Changing Sections of the Same Course

More than one section of the same course may be taught in a semester or term. The section number identifies the instructor, time, and location of the course. To change sections online, you must drop the section in which you are currently enrolled, and then add the new section. However, because many students may be competing for available space in the same course, there is a significant risk that you will lose your place in the course altogether.

## Course Information

### Campus Location

It is important to register for courses that are offered on your campus! On the course list, which is accessible via myMiami (see "Course List" in the Web Page Index), note the courses that are available on your campus.

### Restrictions: Waitlisting and Holds

Some courses are restricted or have reserved seats to assure equity in scheduling for students who are required to take the course. Major-based restrictions are based only on a student's primary or secondary major of their primary degree. Restrictions remain on courses unless the academic department removes them. Although courses appear to be open, many have restricted seats based on academic division, major/minor, level, degree, campus, etc. In some cases, it is possible to be waitlisted via the registration process in case a seat becomes available.

A variety of [holds may be placed on your record](#) that will restrict registration. To view holds on your record, log on to [myMiami](#). Hold alerts and instructions for clearing the hold will appear at the top of the page after you log on.

### Prerequisite & Co-requisite Registration Courses

Prerequisites are approximations of the necessary specific or general academic knowledge, background, or semester classification required to succeed academically in a specific course. To enroll in some courses, you may need to complete prerequisite courses which are listed in the course description in this guidebook or in the *General Bulletin*.

Corequisite courses indicate courses required to be taken simultaneously. Some science courses have a required laboratory, which must be taken as a co-requisite or at the same time as the given course. Corequisite courses are indicated in the course description.

### Cross-Listed Courses

A cross-listed course is the same course catalogued under two or more subject codes (prefixes). Cross-listing courses can provide students the opportunity to engage in interdisciplinary learning. Students may only earn credit for the course under one subject code. If the course is repeatable for credit, students may only retake the course under the same subject code as the previous attempt. Students may sign up under any subject code of a cross-listed course (except if repeating for credit), but they may be advised according to academic program requirements (where applicable).

## Registration Instructions (after fall semester orientation)

You will register for the first time at fall semester orientation. After that you will register according to your time ticket, which is based on the number of credit hours you have completed. Below is a summary of the registration steps:

1. Log on to [myMiami](#) and click the link to BannerWeb

2. Select "Student Services and Financial Aid"
3. Select "Registration"
4. Select "Check your Registration Status and Your Registration Dates and Times" to view your registration time and any registration holds that are your record. All holds that restrict your registration will be listed, along with contact information for the appropriate offices for clearing these holds. You must clear your holds before you will be allowed to register.
5. Select "Registration/Change of Schedule" to begin the registration process, or select "Look Up Courses to Add" to view a list of courses.

*Please note:*

- **Oxford students** are encouraged to register for 15-16 credit hours during the fall and spring semesters and are limited to scheduling no more than 17 credit hours during their registration date/time window (students in the College of Engineering and Computing have an 18 credit hour limit). During the open registration period, you may register for additional hours up to a maximum of 20 credit hours.
- **Regional students** are encouraged to register for 15-16 credit hours during the fall and spring semesters and are limited to scheduling no more than 20 credit hours during their registration date/time window.
- Access to closed courses is managed either through BannerWeb waitlisting or the Registration Override Request (ROR) application available upon logging into the [Course List](#). If you opted into a waitlist through BannerWeb, you might receive an email notifying you of a "waitlisted seat now open." You have 24 hours after receiving this email to add the course before the opportunity will be given to the next student on the list. If waitlisting is not an available option for a course section, access ROR to see if it is available to request.

## Determining Credit Earned and Course Placement

### Placement Guides

The following section provides information on courses that are part of a sequence. These guides will help you determine where you should begin a course sequence.

If you find that you have chosen a course that is too difficult, consult with the course instructor about your options before withdrawing from the course (withdrawal deadlines are published on the Academic Calendar at [MiamiOH.edu/OneStop](#)).

### Foreign Language

Placement is based on: (1) high school preparation, where one year of high school typically equates to one semester of college content; and (2) Miami University placement testing results or placement advising. Online placement tests are available for: French, German, Latin, Russian, and Spanish. Placement advice guides are available for: Arabic, Chinese (Mandarin), Italian, Japanese, Korean, and Portuguese. More information about these can be found via the [Interactive Language Resource Center](#). Students interested in continuing their study of American Sign Language should communicate with the department of Speech Pathology & Audiology ([spa@miamioh.edu](mailto:spa@miamioh.edu)) for placement information.

If you are continuing with the same foreign language you studied in high school, and a Miami University placement exam exists, then you are required to take the exam **before** you register for courses in that language. Please plan ahead and allow yourself ample time to take the placement test seriously.

Things to note:

- Academic credit is NOT awarded for placement tests
- You must register for the course that matches your placement test results
- Earned credit (AP, CLEP, IB, transfer credit) in a language course takes precedence over a placement test score. For example, if you

have transfer credit for Spanish 102, you would continue on to Spanish 201, even if your placement score is higher or lower than

Spanish 201.

After starting a language sequence, you cannot skip a course in the sequence leading to 202. 101 level	For those beginning a new language
102 level	For those who have successfully completed 101, or on the basis of high school preparation / a placement test score.

111 level	<b>German, Latin, Portuguese, Spanish:</b> intensive first-year course covering the same materials as the 101 and 102 levels, usually based upon a placement test score. After completing 111, students continue to either 201 or 211.
201 level	For those who have successfully completed 102, 111 (German, Latin, or Spanish), or equivalent, or achieved an appropriate placement test score.
202 level	For those who have successfully completed 201, or equivalent, or achieved an appropriate placement test score; this course fulfills the language requirement for the College of Arts and Science (CAS-A).
203 level	Offered in Spanish, for those who have successfully completed SPN 201 or achieved an appropriate placement test score; designed as an alternative to SPN 202 for those interested in the healthcare field. Credit <b>not</b> given for <b>both</b> 202 and 203. This course fulfills the language requirement for the College of Arts and Science (CAS-A).
211 level	Intensive second-year course in Spanish or Portuguese and covers the material in 201 and 202 in a single semester. Appropriate for those who completed POR 111, or achieved an appropriate SPN placement exam score. This course fulfills the language requirement for the College of Arts and Science (CAS-A).
301 level and above	For those who have successfully completed 202 or equivalent, or achieved an appropriate placement exam score. Any foreign language course at the 300 level or above fulfills the language requirement for the College of Arts and Science (CAS-A), as long as 202 is a prerequisite; this does <b>not</b> include courses in English translation.

## Natural Sciences & Mathematics

Field	Course(s)	Guidelines
Biology & Microbiology	BIO/MBI 115, 116  BIO 147 <u>or</u> MBI 147  MBI 131  PMD 101	Biological Concepts. Intensive biology courses with laboratories for students pursuing majors in the biological sciences, health professions, and some areas in education and engineering.  BIO/MBI 115 is <b>not</b> a prerequisite for BIO/MBI 116  Introductory seminars--one (do not take both) is strongly recommended for all biological science majors. BIO 147 is recommended for Biology, Botany and Zoology majors, and MBI 147 is recommended for Microbiology, Medical Laboratory Science and Public Health: Human Disease and Epidemiology majors; one credit hour with credit/no credit grading.  Required for Public Health majors; also open to non-science majors; fulfills the Global Miami Plan Foundation natural science requirement  PMD 101 is required for all Premedical Studies co-majors; one credit hour with credit/no credit grading.
Chemistry	CHM 111 and 111L  CHM 141, 141R, 141H, 142, 142H, 142M, 144, 145  CHM 147	For non-science majors; no previous chemistry is necessary; CHM 111 and 111L fulfill the Global Miami Plan Foundation natural science and laboratory requirement. CHM 111L can be taken with or without the lecture course.  Lectures and laboratories for students preparing for careers in health professions and sciences, engineering, or science teaching. See note below about math placement scores. <ul style="list-style-type: none"> <li>• Certain test scores are required for placement into any CHM 14x courses. ACT math score 21 and lower / SAT math score 529 and lower / Miami Math Placement score 7 or lower: you must complete MTH 025 before enrolling in the CHM 14x series.</li> <li>• Regional students only: ACT math score 22 and higher / SAT math score 530 and higher and no high school chemistry: enroll in CHM 141R</li> <li>• ACT math score 22 and higher / SAT math score 530 and higher / Miami Math Placement score 8 or higher: CHM 141 / 141H (honors students)</li> </ul> Introductory seminar strongly recommended for all chemistry and biochemistry majors; one credit hour with credit/no credit grading.
Physics	PHY 101, 103 (lab), 111, 121, 131, 141  PHY 161, 162	Physics courses for students not majoring in a natural science.  Physics for the Life Sciences. This year-long sequence is for students who have had mathematics courses that include trigonometry. Math prerequisite for 161: ACT math score 26 or higher / SAT

		math score 610 or higher / Miami Placement 16 or higher. PHY 161 is a prerequisite for PHY 162.
	PHY 191, 192	General Physics. This year-long sequence is recommended for science and engineering students who have taken, or are simultaneously enrolled in, a calculus course. PHY 191 is a prerequisite for PHY 192.
Algebra Concepts	MTH 025	Algebra Concepts for Precalculus (5) Study of algebra topics that are background knowledge for precalculus. Note: credits earned in this course <b>will not</b> count toward graduation. Course is only offered as credit/no-credit grading (not a standard letter grade) and will not factor into any grade point average.
Math Literacy	MTH 049	Math Literacy (4) Only offered on the Regional Campuses. Math Literacy for College Students is a one-semester course for students whose programs do not require Precalculus or Calculus. MTH 049 is designed to be accessible to students that struggle with the abstract nature of algebra. The successful student will be well-prepared for STA 261 and MTH 119, as well as non-majors science courses that have traditionally required completion of an algebra course. Note: credits earned in this course will not count toward graduation.
Algebra	MTH 122	College Algebra (3) Functions, transformations of functions, polynomials, rational functions, logarithmic and exponential functions and their graphs. Students will gain experience in using algebra and functions to solve real life problems analytically, numerically, and graphically. Preparation for MTH 141 or MTH 124 (Trigonometry).
Precalculus	MTH 125	Precalculus (5) One semester; covers functions, rational functions, logarithmic and exponential functions, trigonometry, graphing, along with a review of algebra. Preparation for MTH 151.
Intro Math for Scientific Applications	MTH 135	(3) Designed for first-year students majoring in Biology, Chemistry, Physics, or any STEM major. While reviewing relevant mathematical methods, the focus of the course is on concepts, terminology and problem-solving skills important in introductory science courses. The course should be helpful for students taking CHM 141 as well as for anyone who plans to take PHY 161/162 or PHY 191/192.
Calculus	MTH 141	Business Calculus (5) For students who are either in FSB or seeking to apply to FSB. Not for students who intend to take Calculus II. See MTH 122 description for prerequisite topics.
Calculus	MTH 151	Calculus I (4) This is the first semester in calculus sequence MTH 151, 251, 252. See MTH 125 description for prerequisite topics.
Calculus	MTH 249	Calculus II (5) For new first-year students who have credit for MTH 151 via AP, CLEP, IB, or post-secondary work. Covers the same content as MTH 251 Calculus II, while reviewing concepts of limit, derivative, and integral from Calculus I as needed. Fulfills prerequisite for MTH 252 Calculus III.

## Mathematics and Statistics Course Placement Guide:

If you plan to:	and have passed these high school classes:	and have these test scores:	then take:
Take a calculus I or II	(a) a year of calculus, including log, exponential, and trig functions	3 - 5 on AP Calculus BC 4 - 5 on AP Calculus AB 1 - 3* on AP Calculus AB; ACT math score: 27+; SAT math score: 640+ Miami Placement: 17 - 25	See math advisor MTH 249 MTH 151
	(b) three and one-half or four years of math with trig but little or no calculus	ACT math score: 27+ SAT math score: 640+ Miami Placement: 17 - 25	MTH 151
	(c) three or four years of math including some trig	ACT math score: 22 - 26 SAT math score: 540 - 639 Miami Placement: 8 - 16	MTH 125

	(d) less than three years of math	ACT math score: 20 - 21 SAT math score: 520 - 539 Miami Placement: 7	MTH 122, followed by MTH 124
	(e) less than three years of math	ACT math score: 19 & lower SAT math score: 519 & lower Miami Placement: 0 - 6	MTH 025**
Take Business Calculus	(a) three or four years of math	ACT math score: 24+ SAT math score: 580+ Miami Placement: 12+	MTH 141***
	(b) less than three years of math	ACT math score: 20 - 23 SAT math score: 520 - 579 Miami Placement: 7 - 11	MTH 122
	(c) less than three years of math	ACT math score: 19 & lower SAT math score: 519 & lower Miami Placement: 0 - 6	MTH 025**
Take a non-calculus course, e.g., MTH 119, 121, or STA 261	a) three years of math, including two years of algebra	ACT math score: 22+ SAT math score: 540+ Miami Placement: 8 - 25	MTH 119, 121 or STA 261
	(b) less than three years of math	ACT math score 21 & lower; SAT math score 539 & lower Miami Placement: 0 - 7	MTH 049** (regional students) MTH 025** (Oxford students)
MTH 135 (this course does not fulfill the MPF V or CAS-E requirements)		ACT math score: 22+ SAT math score: 540+ Miami Placement: 8 - 25	
Seeking Middle Childhood licensure with a math concentration	(a) one year of calculus, including log, exponential, and trig functions	3-5 on AP Calculus AB	MTH 217 or 218
Seeking Inclusive Special Education, Primary Education PK-5, or Middle Childhood education licensure without a concentration in math	(a) recommended three years of math, including algebra and geometry		MTH 115 or 116 (for Special Ed and Primary Education PK-5 required)

The in-house Math Placement test is available to Regional students who do not have ACT or SAT scores.

The Miami Placement Test is **only** available to Oxford students who do not have an ACT or SAT score.

\*A score of 3 on the AP Calculus AB will confer credit for MTH 151. However, if you intend to eventually take Calculus II, the department recommends retaking MTH 151.

\*\*MTH 025 **will not** count toward graduation and is only offered as credit/no-credit, so it will not factor into any grade point average.

\*\*\*MTH 141 Business Calculus does not meet the prerequisites for Calculus II. Students who plan to eventually take Calculus II should take MTH 151.

To contact the Department of Mathematics, call (513) 529-5818 or Statistics (513-529-7828).

## **Advanced Placement Program (AP)**

If you obtained an Advanced Placement (AP) exam score of 3 or higher, you will be awarded credit in the field (subject area) of the AP exam taken. The table below summarizes the credit earned for particular scores on AP exams.

AP Subject	AP Score	Course Number	Course Title	Hours Awarded	GMP Foundation Requirement
AP Capstone	Seminar	UNV 171	First-Year Research Experience I	3	n/a
	Research	UNV 172	First-Year Research Experience II	3	n/a
Art History	3	ART 188	History of Western Art: Renaissance-Modern	3	IIA or IIB
	4 or 5	ART 187, 188	History of Western Art: Prehistoric-Gothic History of Western Art: Renaissance-Modern	6	IIA or IIB
Biology	3, 4 or 5	BIO/MBI 116	Biological Concepts: Structure, Function, Cellular and Molecular Biology	4 (for score of 3: students advised to take course at college level, if biology major)	IVA, LAB
Calculus AB	3, 4 or 5	MTH 151	Calculus I	4 (for score of 3: students advised to take course at college level if going to Calculus II)	V
Calculus BC	3, 4 or 5	MTH 151, 251	Calculus I, Calculus II	8	V
Chemistry	3	CHM 111 CHM 111L	Chemistry in Modern Society Chemistry in Modern Society Laboratory	4	IVB, LAB
	4	CHM 141, 144	College Chemistry, College Chemistry Lab	5	IVB, LAB
	5	CHM 141,142, 144, 145	College Chemistry, College Chemistry Lab	10	IVB, LAB
Chinese Language and Culture	3	CHI 101, 102	Elementary Chinese	8	
	4	CHI 101, 102, 201	Elementary Chinese Second Year Chinese	11	
	5	CHI 101, 102, 201, 202	Elementary Chinese Second Year Chinese	14	
Computer Science A	3 or 4	CSE 174	Fundamentals of Programming and Problem Solving	3	
	5	CSE 174, 271	Fundamentals of Programming and Problem Solving, Object-Oriented Programming	6	
Computer Science Principles	3,4, or 5	CSE 151	Computers, Computer Science, and Society	3	V
Macroeconomics	3, 4 or 5	ECO 202	Principles of Macroeconomics	3	IIC
Microeconomics	3, 4 or 5	ECO 201	Principles of Microeconomics	3	IIC

English Language	3, e4 or 5	ENG 111	Composition and Rhetoric	3	I
English Literature	3, 4 or 5	ENG 111	Composition and Rhetoric	3	I
Student takes both exams: English Language & English Literature	3, 4 or 5 on both exams	ENG 111 ENG 122	Composition and Rhetoric Popular Literature	6	I, IIB
Environmental Science	3, 4 or 5	BIO 121	Environmental Biology	3	IVA
European History	3, 4 or 5	HST T**	OTM Arts and Humanities Credit	3	IIB
French Language	3	FRE 101, 102	Elementary French	8	
	4	FRE 101, 102, 201	Elementary French Intermediate French	11	
	5	FRE 101, 102, 201, 202	Elementary French, Intermediate French, Critical Analysis of French Culture	14	IIB or IIIB for 202
French Literature	3	FRE 101, 102 and 201	Elementary French, Intermediate French	11	IIB or IIIB for 202
	4 or 5	FRE 101, 102, 201, 202	Elementary French, Intermediate French, Critical Analysis of French Culture	14	IIB or IIIB for 202
German Language	3	GER 101, 102	Beginning German	8	
	4	GER 101, 102, 201	Beginning German Second Year German	11	
	5	GER 101, 102, 201, 202	Beginning German Second Year German	14	
Comparative Government & Politics	3, 4 or 5	POL 221	Modern World Governments	3	IIC or IIIB
U.S. Government & Politics	3, 4 or 5	POL 241	American Political System	3	IIC
Human Geography	3, 4 or 5	GEO 101	Global Forces, Local Diversity	3	IIC or IIIB
Italian Language and Culture	3	ITL 101, 102	Beginners Italian	8	
	4	ITL 101, 102, 201	Beginners Italian Second Year Italian	11	
	5	ITL 101, 102, 201, 202	Beginners Italian Second Year Italian	14	
Japanese Language and Culture	3	JPN 101, 102	Elementary Japanese	8	
	4	JPN 101, 102, 201	Elementary Japanese Second Year Japanese	11	

	5	JPN 101, 102, 201, 202	Elementary Japanese Second Year Japanese	14	
Latin	3	LAT 101, 102	Beginning Latin	8	
	4 or 5	LAT 101, 102, 201, 202	Beginning Latin Intermediate Latin	14	
Music Theory	3	MUS 101	Theory of Music I	3	
	4 or 5	MUS 101, 151	Theory of Music I Aural Skills I	4	
Physics 1	3, 4 or 5	PHY 161	Physics for the Life Sciences with Laboratory I	4	IV, LAB
Physics 2	3, 4 or 5	PHY 162	Physics for the Life Sciences with Laboratory II	4	IV, LAB
Physics C: Electricity and Magnetism	3, 4 or 5	PHY 192	General Physics with Laboratory II	5	IV, LAB
Physics C: Mechanics	3, 4 or 5	PHY 191	General Physics with Laboratory I	5	IV, LAB
Psychology	3, 4 or 5	PSY 111	Introduction to Psychology	3	IIC
Spanish Language	3	SPN 101, 102	Beginner's Spanish	8	
	4 or 5	SPN 101, 102, 201, 202, 311	Beginner's Course, Second Year Spanish, Grammar Review & Intro Composition	17	
Spanish Literature	3	SPN 101, 102, 201	Beginner's Course, Second Year Spanish	11	
	4 or 5	SPN 101, 102, 201, 202, 311	Beginner's Course, Second Year Spanish Grammar Review & Intro Composition	17	
Statistics	3, 4 or 5	STA 261	Statistics	4	V
Studio Art: Drawing	3, 4 or 5	ART T**	Elective	3	
Studio Art: 2D Design	3, 4 or 5	ART T**	Elective	3	
Studio Art: 3D Design	3, 4 or 5	ART 171	Visual Fundamentals: 3-D	3	
U.S. History	3, 4 or 5	HST 111, 112	Survey of American History	6	IIB
World History	3, 4 or 5	HST 198, elective	World History Since 1500 Elective	6	IIB or IIIB

## International Baccalaureate Program (IB)

Miami awards credit to IB diploma graduates for higher level subjects passed at a satisfactory level (minimum scores vary 5 to 7 by subject area). Standard levels are not awarded credit. Departments make final determinations on credit.

Higher Level Subject	Acceptable Score	Course Number	Course Title	Hours Awarded	Global Miami Plan Foundation Requirement
Anthropology	5 or better	ATH 175 ATH 231	People of the World Foundations of Cultural Anthropology	3 4 (7 total)	IIC or IIIB
Biology	5 or better	BIO 116	Biological Concepts: Structure, Function, Cellular, and Molecular Biology	4	IVA, LAB
Business & Management	5 or better	MGT 111	Introduction to Business	3	IIC
Chemistry	5 or better	CHM 141, 142 CHM 144, 145	College Chemistry & Lab College Chemistry for Majors & Lab	5 5 (10 total)	IVB, LAB
Chinese	5 or better	CHI 101 CHI 102	Elementary Chinese	8	
Computer Science	5 or better	CSE 151 CSE 163	Computers, Computer Science & Society Introduction to Computer Concepts & Programming	3 3 (6 total)	V
Design Technology	5 or better	ENT 137 ENT 135	Introduction to Engineering Technology Computer-Aided Drafting	1 3 (4 total)	
Economics	5 or better	ECO 201 ECO 202	Principles of Microeconomics Principles of Macroeconomics	3 3 (6 total)	IIC IIC
English A	6 or better	ENG 111 ENG 122	Composition and Rhetoric Popular Literature	3 3 (6 total)	I IIB
English B	No credit awarded				
French	5	FRE 202	Critical Analysis of French Culture	3	IIB or IIIB
	6 or 7	FRE 202 FRE 341	Critical Analysis of French Culture Conversation and Current Events in France	3 3 (6 total)	IIB or IIIB
Geography	5 or better	GEO 121 GEO 201	Earth's Physical Environment Geography of Urban Diversity	4 3 (7 total)	IVB, LAB IIC or Intercultural
German B	5 or better	GER 101, 102	Beginning German	8	
Global Politics	5 or better	POL 271	World Politics	3	IIC or IIIC
History of Africa	5 or better	HST 224 HST 225	Africa in History The Making of Modern Africa	3 3 (6 total)	IIB IIB
History of the Americas	5 or better	HST 111, 112	Survey of American History	6	IIB
History of Asia and Oceania	5 or better	HST 324 HST 353	Eurasian Nomads and History History of Chinese Civilization	3 3 (6 total)	
History of Europe and the Islamic World	5 or better	HST 241 HST 246	Introduction to Islamic History Survey of Medieval History	3 3 (6 total)	
History of Europe and the Middle East	5 or better	HST 198 HST 241	World History Since 1500 Introduction to Islamic History	3 3 (6 total)	IIB
History of Europe	5 or better	HST 197 HST 198	World History To 1500 World History Since 1500	3 3 (6 total)	IIB

Italian	5 or better	ITL 202	Second Year Italian	3	
Latin	6 or 7	LAT 201	Intermediate Latin	3	
Mathematics	6 or better	MTH 151	Calculus I	4	V
Music	5 or better	MUS 101 MUS 151	Theory of Music I Aural Skills I	3 1 (4 total)	
Music Composition	5 or better	MUS 171	Composition Seminar	3	
Music History	5 or better	Music Theory credit	Credit evaluated by department	3-6	
Philosophy	6 or better	PHL 105	Theories of Human Nature	3	IIB
Physics	6 or better	PHY 191, 192	General Physics with Laboratory I and II	10	IVB, LAB
Psychology	5 or better	PSY 111	Introduction to Psychology	3	IIC
Russian B	5 or better	RUS 101, 102	Beginner's Course	8	
Spanish A	5	SPN 101, 102	Beginner's Course	8	
	6 or 7	SPN 101, 102 SPN 201	Beginner's Course Second Year Spanish	8 3 (11 total)	
Spanish B	5	SPN 101, 102	Beginner's Course	8	
	6 or 7	SPN 101, 102 SPN 201	Beginner's Course Second Year Spanish	8 3 (11 total)	
Theatre Arts	5 or better	THE 131 THE 191 THE 200	Principles of Acting Experiencing Theatre Production & Performance Practicum	3 3 1 (7 total)	IIA Experiential Learning

### ***College Level Examination Program (CLEP)***

Credit is given for satisfactory scores on some CLEP Subject Examinations. Tests are scored by the Educational Testing Service, Princeton, New Jersey. Because there is a fee for each test, we encourage you to take them only if you have had the equivalent of a college course in the subject area.

Subject	Acceptable Score	Course Number	Course Title	Hours Awarded	Global Miami Plan Foundation Requirement
American Government	63 and above	POL 241	American Political System	3	IIC
	56-62	POLT**	OTM Social Science Credit	3	
American Literature	53 and above	OTM Arts and Humanities	OTM Arts and Humanities Credit	3	
Analyzing and Interpreting Literature	59 and above	OTM Arts and Humanities	OTM Arts and Humanities Credit	3	
Biology	50 and above	BIOT**	OTM Natural Sciences Credit without Labs	3	
Calculus	64	MTH 151	Calculus I	4	V

Chemistry	66 and above	CHM 141	College Chemistry	3	IVB
	50-65	OTM Natural Sciences without Lab	OTM Natural Sciences Credit without Labs	3	
College Algebra	63 and above	MTHT**	OTM Mathematics, Statistics, and Logic credit	3	
College Composition	50 and above	None	Remediation Free (Ready to Enroll in ENG 111)	0	
College Composition Modular	50 and above	None	Remediation Free (Ready to Enroll in ENG 111)	0	
College Mathematics	63 and above	OTM Mathematics, Statistics, and Logic	OTM Mathematics, Statistics, and Logic Credit	3	
English Literature	63 and above	OTM Arts and Humanities	OTM Arts and Humanities Credit	3	
Financial Accounting	65 and above	ACC 221 or CMR 101 (depending on the student's major requirement)	Introduction to Financial Accounting or Introduction to Accounting I	3	
French Language	65 and above	FRE 101, FRE 102, FRE 201, FRE 202	Elementary French I, Elementary French II, Intermediate French, Second Year French	4 + 4 + 3 + 3	IIB or IIIB
	55-64	FRE 101, FRE 102	Elementary French I, Elementary French II	4 + 4	
German	67 and above	GER 101, 102, and 201	Beginning German I, Beginning German II, and Review of Basic German	4 + 4 + 3	
	59-66	GER 101, 102	Beginning German I and II	4 + 4	
History of the United States I	61 and above	HST 111	Survey of American History	3	IIB
History of the United States II	57 and above	HST 112	Survey of American History	3	IIB
Human Growth & Development	58 and above	PSY 231	Developmental Psychology	3	
Humanities	55 and above	OTM Arts and Humanities	OTM Arts and Humanities Credit	3	
Information Systems	50 and above	ISAT**	General Elective Credit	3	
Introduction to Business Law	57 and above	BLS 342 or CMR 108 (depending on the student's major requirement)	Legal Environment of Business or Introduction to Business Law	3	
Introduction to Educational Psychology	62 and above	OTM Social Sciences	OTM Social Sciences Credit	3	
Introductory Psychology	55 and above	PSY 111	Introduction to Psychology	3	IIC
Introductory Sociology	56 and above	SOC 153	Sociology in a Global Context	3	IIC or IIIB

Natural Sciences	No Acceptable Score	No Credit	No Credit	0	
Precalculus	61 and above	MTH 125	Precalculus	5	
Principles of Macroeconomics	56 and above	ECO 202	Principles of Macroeconomics	3	IIC
Principles of Management	50 and above	MGT 111	Introduction to Business	3	IIC
Principles of Marketing	65 and above	MKT 291	Principles of Marketing	3	
Principles of Microeconomics	57 and above	ECO 201	Principles of Microeconomics	3	IIC
Social Sciences and History	63 and above	OTM Social Sciences	OTM Social Sciences Credit	3	
Spanish Language	68 and above	SPN 101, SPN 102, SPN 201, SPN 202	Beginner's Course I, Beginner's Course II, Second Year Spanish I, Second Year Spanish II	4 + 4 + 3 + 3	
	63-67	SPN 101, SPN 102, SPN 201	Beginner's Course I, Beginner's Course II, Second Year Spanish I	4 + 4 + 3	
	56-62	SPN 101, SPN 102	Beginner's Course I, Beginner's Course II	4 + 4	
Western Civilization I	55 and above	OTM Arts and Humanities	OTM Arts and Humanities Credit	3	IIB
Western Civilization II	54 and above	OTM Arts and Humanities	OTM Arts and Humanities Credit	3	IIB

## Transferring College Courses to Miami

If you have taken college courses during high school (through College Credit Plus, dual enrollment, or concurrent enrollment) or as a transfer student, an official transcript must be sent directly from the issuing institution to Miami University. Evaluations of undergraduate credit are conducted by the Office of the University Registrar in the One Stop (Nellie Craig Walker Hall). You can also check online at [www.transferology.com](http://www.transferology.com) to see how specific course work will transfer to Miami.

Most college-level courses taken from regionally accredited institutions are transferable to Miami University if you earned a passing grade. All transferred credit is posted to your Miami record without grades, and grades earned elsewhere are not included in the computation of your Miami University grade point average.

If you attended an institution in regional accreditation candidacy status, you must validate your previous course work by earning 30 semester hours at Miami with at least a 2.00 cumulative grade point average.

If your previous institution was within the state of Ohio, there is a statewide policy that facilitates the transfer of credits throughout the state's public higher education system. The policy creates a transfer module, which is a specific set of general education requirements. If you successfully complete the module at one college or university, you fulfill the module at the school to which you transfer. You are, however, required to complete any additional general education requirements not included in the transfer module. The policy also identifies Transfer Assurance Guide (TAG), Career Technical Assurance Guide (CTAG) and Military Transfer Assurance Guide (MTAG) courses, which guarantees that the courses and their credits transfer and apply toward the major at any of Ohio's public institutions of higher education.

If your college coursework was taken in China, your transcript must be submitted to Miami with a verification report from the China Higher Education Student Information and Career Center (CHESICC). More information can be found at <https://miamioh.edu/onestop/your->

[records/academic-records/transfer-credit-eval/index.html#/.](records/academic-records/transfer-credit-eval/index.html#/)

If you believe that some of your transfer coursework may satisfy Miami requirements but the course does not correspond to a specific course, follow the steps below:

- Global Miami Plan: you may petition the liberal education committee if you think a course(s) fulfills the spirit of a Global Miami Plan requirement. This process is explained at <http://www.MiamiOH.edu/liberal-ed/>.
- English Composition: if this requirement was waived at another school, our English department will determine how you will complete the Global Miami Plan Foundation I course requirement. The department will notify the Registrar and the liberal education committee of its decision. No petition to the committee is required.
- Requirements in your major/minor: each department will determine if transfer credit that is not a pre-approved TAG course will fulfill a requirement. Make an appointment with the Chief Departmental Advisor and take your course syllabus and the catalog description of the course with you to the appointment.

## Choosing Your Academic Program(s)

### *List of Miami Academic Programs, 2022-2023*

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
ACC	Accountancy	Bachelor of Science in Business	Major, Minor	Farmer School	Oxford	Admission required for major; limited admission to minor
STA	Actuarial Science		Minor	Arts & Science	Oxford	
MME	Advanced Manufacturing and Materials Evaluation		Certificate	Engineering & Computing	Oxford	
AES	Aerospace Studies		Minor	Arts & Science	Oxford	
AMS	American Studies	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
STA, ISA., GEO	Analytics		Co-Major	Arts & Science, Farmer School	Oxford	Co-major requires primary major
ATH	Anthropology	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
BSC	Applied Biology	Bachelor of Science	Major	Liberal Arts & Applied Science	Regionals	
ARB	Arabic		Minor	Arts & Science	Oxford	
ATH	Archeology		Minor	Arts & Science	Oxford	
ARC	Architecture	Bachelor of Arts in Architecture	Major	Creative Arts	Oxford	Limited admission
ARC	Architecture and Interior Design Studies		Minor	Creative Arts	Oxford	
ART	Art & Architecture History	Bachelor of Arts in Art & Architecture	Major, Minor	Creative Arts	Oxford	

		History				
ART	Art Education	Bachelor of Science in Art	Major	Creative Arts	Oxford	With multi-age licensure; limited admission
ART	Art Therapy		Co-Major, Minor	Creative Arts	Oxford	Co-major requires primary major
CCA	Arts Entrepreneurship		Minor	Creative Arts, Farmer School	Oxford	
CCA	Arts Management		Co-Major, Minor	Creative Arts, Farmer School	Oxford	Co-major requires primary major
CCA	Arts Management & Arts Entrepreneurship	Bachelor of Arts in Arts Management & Arts Entrepreneurship	Major	Creative Arts	Oxford	
EDP	Autism Spectrum Disorders		Certificate	Education, Health & Society	Oxford	
CHM	Biochemistry	Bachelor of Arts, Bachelor of Science	Major	Arts & Science	Oxford	
CSE, MBI	Bioinformatics		Minor	Arts & Science, Engineering & Computing	Oxford	
PHY	Biological Physics	Bachelor of Science	Major	Arts & Science	Oxford	
BIO	Biology	Bachelor of Arts, Bachelor of Science	Major	Arts & Science	Oxford	
CPB	Biomedical Engineering	Bachelor of Science in Engineering	Major	Engineering & Computing	Oxford	
BIO	Botany	Bachelor of Arts, Bachelor of Science	Major	Arts & Science	Oxford	
ISA	Business Analytics	Bachelor of Science in Business	Major, Minor	Farmer School	Oxford	Admission required for major
ECO	Business Economics	Bachelor of Science in Business	Major	Farmer School	Oxford	Admission required for major; see also Economics in Arts & Science
BUS	Business in the Global Market		Certificate	Farmer School	Oxford	
CMR	Business Management Technology	Associate of Applied Business		Liberal Arts & Applied Science	Regionals	

CPB	Chemical Engineering	Bachelor of Science in Engineering	Major, Minor	Engineering & Computing	Oxford	
CHM	Chemistry	Bachelor of Arts, Bachelor of Science	Major	Arts & Science	Oxford	
FSW	Child Life Specialist		Certificate	Education, Health & Society	Oxford	
FSW	Child Studies and Youth Development		Minor	Education, Health & Society	Oxford	
CHI	Chinese		Minor	Arts & Science	Oxford	
CLS	Classical Studies	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
CPB	Clinical Engineering		Minor	Engineering & Computing	Oxford	
KNH	Coaching		Minor	Education, Health & Society	Oxford	
CMR	Commerce		Minor	College of Liberal Arts & Applied Science	Regionals	
ART	Communication Design	Bachelor of Fine Arts	Major, Minor	Creative Arts	Oxford	Limited admission
APC	Communication Studies	Bachelor of Arts in Applied Communication	Major, Minor	Liberal Arts & Applied Science	Regionals	
CMA	Community Arts	Bachelor of Arts	Major	Liberal Arts & Applied Science	Regionals	
EDL	Community-Based Leadership		Minor	Education, Health & Society	Oxford	
ECE	Computer Engineering	Bachelor of Science in Engineering	Major	Engineering & Computing	Oxford	
CIT	Computer & Information Technology	Associate in Applied Science	Major	Liberal Arts & Applied Science	Regionals	
CSE	Computer Science	Bachelor of Science in Computer Science	Major, Minor	Engineering & Computing	Oxford	
ESP	Creativity Entrepreneurship		Certificate	Farmer School	Oxford	
CJS	Criminal Justice	Associate in Applied Science, Bachelor of Science in Criminal Justice	Major, Minor	Liberal Arts & Applied Science	Regionals	
SOC	Criminology		Minor	Arts & Science	Oxford	See Sociology major

CRE	Critical Race and Ethnic Studies	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
CIT	Cybersecurity Administration		Minor	Liberal Arts & Applied Science	Regionals	
THE	Dance		Minor	Creative Arts	Oxford	
STA	Data Analytics	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
CIT	Data Intelligence Through Information Technology		Minor	Liberal Arts & Applied Science	Regionals	
STA	Data Science & Statistics	Bachelor of Science	Major	Arts & Science	Oxford	
CMR	Digital Commerce	Bachelor of Science in Commerce	Major	Liberal Arts & Applied Science	Regionals	
IMS	Digital Innovation		Minor	Creative Arts	Oxford	
IMS	Digital Marketing		Minor	Creative Arts	Oxford	Limited admission
DST	Disability Studies		Minor	Education, Health & Society	Oxford	
POL	Diplomacy & Global Politics	Bachelor of Arts	Major	Arts & Science	Oxford	
RUS	East Asian Languages & Cultures	Bachelor of Arts	Major	Arts & Science	Oxford	
ECO	Economics	Bachelor of Arts	Major, Minor	Arts & Science, Farmer School	Oxford	See also Business Economics in Farmer School
EDT	Education, Teaching & Learning		Minor	Education, Healthy & Society	Oxford	
ECE	Electrical Engineering	Bachelor of Science in Engineering	Major, Minor	Engineering & Computing	Oxford	
ENT	Electrical & Computer Engineering Technology	Associate in Applied Science	Major	Liberal Arts & Applied Science	Regionals	
IMS	Emerging Technology in Business and Design	Bachelor of Arts in Emerging Technology in Business and Design	Major, Minor	Creative Arts	Oxford	Limited admission
IES	Energy		Co-Major	Arts & Science	Oxford	Co-major requires primary major
CEC	Engineering Management	Bachelor of Science in Engineering	Major	Engineering & Computing	Oxford	
PHY	Engineering Physics	Bachelor of Science	Major	Arts & Science	Oxford	

ENT	Engineering Technology	Bachelor of Science in Applied Science	Major	Liberal Arts & Applied Science	Regionals	Concentrations in electrical & computing, electro-mechanical, mechanical, and robotics
ENG	English - Creative Writing	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
ENG	English - Literature	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
EGS	English Studies	Bachelor of Arts	Major, Minor	Liberal Arts & Applied Science	Regionals	
ESP	Entrepreneurship		Co-Major, Minor	Farmer School	Oxford	Admission Required for Co-Major and minor, Co-Major requires primary major
GLG	Environmental Earth Science	Bachelor of Arts	Major	Arts & Science	Oxford	
CPB	Environmental Engineering		Minor	Engineering & Computing	Oxford	
IES	Environmental Science		Co-Major	Arts & Science	Oxford	Co-major requires primary major
IMS	Esports Management		Certificate	Creative Arts	Oxford	
PHL	Ethics, Society & Culture		Minor	Arts & Science	Oxford	
FSW	Family Relationships		Minor	Education, Health & Society	Oxford	
FAS	Fashion		Co-Major, Minor	Creative Arts, Farmer School	Oxford	Limited admission; Co-major requires primary major
FST	Film Studies		Co-Major, Minor	Arts & Science	Oxford	Co-major requires primary major
FIN	Finance	Bachelor of Science in Business	Major, Minor	Farmer School	Oxford	Admission required for major; limited admission to minor
IES	Food Systems and Food Studies		Co-Major	Arts & Science	Oxford	Co-major requires primary major
EDT	Foreign Language Education	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	Offered for Chinese, French, German, Latin, or Spanish
EDT	Fostering Just Communities		Certificate	Education, Health	Oxford	

				& Society		
JCS	Forensic Investigation		Minor	Liberal Arts & Applied Science	Regionals	
ISA	Foundations of Business Analytics		Certificate	Farmer School	Oxford	
FRE	French	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
IMS	Games + Simulation	Bachelor of Science	Major, Minor	Creative Arts	Oxford	Limited admission
BUS	General Business		Minor	Farmer School	Oxford	
	General Studies	Associate in Arts	Major	Liberal Arts & Applied Science	Regionals	
GEO	Geographic Information Science		Certificate	Arts & Science	Oxford	
GEO	Geography & Sustainable Development	Bachelor of Arts	Major	Arts & Science	Oxford	
GEO	Geography		Minor	Arts & Science	Oxford	
GLG	Geology	Bachelor of Science	Major, Minor	Arts & Science	Oxford	
GER	German	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
GTY	Gerontology		Minor	Arts & Science	Oxford	
GHS	Global Health		Minor	Arts & Science	Oxford	
GIC	Global & Intercultural Studies		Co-Major	Arts & Science	Oxford	Co-major requires primary major
IES	Global Perspectives on Sustainability		Minor	Arts & Science	Oxford	
various	Global Readiness Certificate		Certificate	Arts & Science	Oxford	
APC	Health Communication	Bachelor of Science in Applied Communication	Major	Liberal Arts & Applied Science	Regionals	
CIT	Health Information Technology	Bachelor of Science in Information Technology	Major	Liberal Arts & Applied Science	Regionals	
HST	History	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
BIO	Horticulture		Minor	Arts & Science	Oxford	
CMR	Hospitality Management	Bachelor of Science in Commerce	Major	Liberal Arts & Applied Science	Regionals	
MGT	Human Capital Management and Leadership	Bachelor of Science in Business	Major, Minor	Farmer School	Oxford	Admission required for major; limited

						admission to minor
CEC	Humanitarian Engineering & Computing		Minor	Engineering & Computing	Oxford	Open to CEC majors only
EDP	Inclusive Special Education	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	
WST	Individualized Studies	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
ISA	Information Security		Minor	Farmer School	Oxford	
ISA	Information and Cybersecurity Management	Bachelor of Science in Business	Major, Minor	Farmer School	Oxford	Admission required for major
CIT	Information Technology	Bachelor of Science in Information Technology	Major	Liberal Arts & Applied Science	Regionals	
EDT	Integrated English Language	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	
EDT	Integrated Mathematics Education	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	
EDT	Integrated Science Education	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	
EDT	Integrated Social Studies Education	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	
BIS	Integrative Studies	Bachelor of Integrative Studies	Major	Liberal Arts & Applied Science	Regionals	
ARC	Interior Design	Bachelor of Fine Arts	Major	Creative Arts	Oxford	Limited admission
BUS	International Business		Minor	Farmer School	Oxford	
ITS	International Studies	Bachelor of Arts in International Studies	Major	Arts & Science	Oxford	
ITL	Italian		Minor	Arts & Science	Oxford	
ITL	Italian Studies	Bachelor of Arts	Major	Arts & Science	Oxford	
JPN	Japanese		Minor	Arts & Science	Oxford	
JRN	Journalism	Bachelor of Arts	Major	Arts & Science	Oxford	Requires a second major
KNH	Kinesiology	Bachelor of Science in	Major	Education, Health & Society	Oxford	

		Kinesiology, Nutrition and Health				
LAS	Latin American, Latino/a, and Caribbean Studies; Latin American Studies	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
CEC	Leadership		Certificate	Engineering & Computing	Oxford	Selective program for Lockheed Martin Leadership Institute students
LST	Liberal Studies	Bachelor of Arts, Bachelor of Science	Major	Liberal Arts & Applied Science	Regionals	
ENG	Linguistics	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
MGT	Management		Minor	Farmer School	Oxford	
MME	Manufacturing Engineering	Bachelor of Science in Engineering	Major	Engineering & Computing	Oxford	
ENT	Manufacturing Foundations		Certificate	Liberal Arts & Applied Science	Regionals	
MKT	Marketing	Bachelor of Science in Business	Major, Minor	Farmer School	Oxford	Admission required for major; limited admission to minor
MTH	Mathematics	Bachelor of Arts, Bachelor of Science	Major, Minor	Arts & Science	Oxford	
MTH, STA	Mathematics & Statistics	Bachelor of Science	Major	Arts & Science	Oxford	Statistics minor is available
MME	Mechanical Engineering	Bachelor of Science in Engineering	Major, Minor	Engineering & Computing	Oxford	
ENT	Mechanical Engineering Technology	Associate in Applied Science	Major	Liberal Arts & Applied Science	Regionals	
MAC	Media & Communication	Bachelor of Arts	Major	Arts & Science	Oxford	Requires a second major
ENG	Medical Humanities		Minor	Arts & Science	Oxford	
MBI	Medical Laboratory Science	Bachelor of Science	Major	Arts & Science	Oxford	Available only through the combined program arrangement
MBI	Microbiology	Bachelor of Arts, Bachelor of Science	Major	Arts & Science	Oxford	

EDT	Middle Childhood Education	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	Choose 2 areas: Language Arts, Science, Mathematics, Social Studies
GRAMELA C, HST, REL	Middle East, Jewish, & Islamic Studies		Minor	Arts & Science	Oxford	
BIO, CHM, MBI	Molecular Biology		Minor	Arts & Science	Oxford	
CCA	Museums & Society		Minor	Creative Arts	Oxford	
MUS	Music	Bachelor of Arts in Music	Major	Creative Arts	Oxford	Limited admission
MUS	Music Composition	Bachelor of Music	Concentration within Major, Minor	Creative Arts	Oxford	Limited admission
MUS	Music Education	Bachelor of Music	Major	Creative Arts	Oxford	With multi-age licensure; limited admission
MUS	Music in Culture		Minor	Creative Arts	Oxford	
MUS	Music Performance	Bachelor of Music	Major, Minor	Creative Arts	Oxford	Limited admission
MUS, THE	Music Theatre		Minor	Creative Arts	Oxford	Audition required for admission
NSC	Naval Science		Minor	Arts & Science	Oxford	
BIO, PSY	Neuroscience		Co-Major, Minor	Arts & Science	Oxford	Co-major requires primary major
NSG	Nursing	Bachelor of Science in Nursing	Major	Liberal Arts & Applied Science	Oxford & Regionals	Limited admission
KNH	Nutrition	Bachelor of Science in Kinesiology, Nutrition and Health	Major, Minor	Education, Health & Society	Oxford	Concentrations in Dietetics and Community Nutrition
SOC	Organizational Leadership	Bachelor of Arts	Major	Arts & Science	Oxford	
EDL	Outdoor Leadership		Certificate	Education, Health & Society	Oxford	
CPB	Paper Engineering		Minor	Engineering & Computing	Oxford	
CPB	Paper Science		Minor	Engineering & Computing	Oxford	
PHL	Philosophy	Bachelor of Arts	Major	Arts & Science	Oxford	
PHL	Philosophy and Law		Minor	Arts & Science	Oxford	

ART	Photography		Minor	Creative Arts	Oxford	
PHY	Physics	Bachelor of Science	Major, Minor	Arts & Science	Oxford	
POL	Political Science	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
EDT	Prekindergarten Education	Associate in Applied Science	Major	Education, Health & Society	Regionals	
BIO	Premedical and Pre-Health Studies		Certificate	Arts & Science	Oxford	
PMD	Premedical Studies		Co-Major	Arts & Science	Oxford	Co-major requires primary major
EDT	Primary Education PK - 5	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	
CPB	Process Control		Minor	Engineering & Computing	Oxford	
ENG	Professional Writing	Bachelor of Arts	Major	Arts & Science	Oxford	
PSS	Psychological Science	Bachelor of Arts	Major, Minor	Liberal Arts & Applied Science	Regionals	
PSY	Psychology	Bachelor of Arts	Major	Arts & Science	Oxford	
POL	Public Administration	Bachelor of Arts	Major	Arts & Science	Oxford	
KNH, MBI, POL	Public Health	Bachelor of Science in Kinesiology, Nutrition and Health; Bachelor of Arts	Major	Education, Health & Society Arts & Science	Oxford	Contains various tracks in two different academic divisions
ECO	Quantitative Economics	Bachelor of Science	Major	Arts & Science	Oxford	
EDT	Reading		Endorsement	Education, Health & Society	Oxford	
FIN, GEO	Real Estate	Bachelor of Science in Business	Major, Minor	Farmer School of Business	Oxford	Admission required for major
CPB	Regulatory Affairs		Minor	Engineering & Computing	Oxford	
REL	Religion	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
ENG	Rhetoric/Writing		Minor	Arts & Science	Oxford	
EDP, EDT	Remote Teaching for K12		Certificate	Education, Health & Society	Oxford	
ECE	Robotics Engineering	Bachelor of Science in	Major	Engineering & Computing	Oxford	

		Engineering				
RUS	Russian		Minor	Arts & Science	Oxford	
RUS	Russian, Eastern European, & Eurasian Studies	Bachelor of Arts	Major	Arts & Science	Oxford	
CMR	Sales Management	Bachelor of Science in Commerce	Major	Liberal Arts & Applied Science	Regionals	
CMR	Small Business Management	Bachelor of Science in Commerce	Major	Liberal Arts & Applied Science	Regionals	
ESP	Social Entrepreneurship		Certificate	Farmer School	Oxford	
SOC	Social Justice	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
FSW	Social Work	Bachelor of Science in Social Work	Major	Education, Health & Society	Oxford	
SOC	Sociology	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	General sociology or concentration in criminology available
CSE	Software Engineering	Bachelor of Science in Software Engineering	Major	Engineering & Computing	Oxford	
SPN	Spanish	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
EDP	Special Education		Minor	Education, Health & Society	Oxford	
SPA	Speech Pathology & Audiology	Bachelor of Science	Major	Arts & Science	Oxford	Pre-major Limited admission
SLM	Sport Analytics		Minor, Certificate	Education, Health & Society	Oxford	
SLM	Sport Leadership and Management	Bachelor of Science in Sport Leadership and Management	Major	Education, Health & Society	Oxford	Concentrations in Coaching, Management, Journalism, Media
SLM	Sport Management		Minor	Education, Health & Society	Oxford	
ESP	StartUp Entrepreneurship		Certificate	Farmer School	Oxford	
STA	Statistical Methods		Minor	Arts & Science	Oxford	
STA	Statistics		Minor	Arts & Science	Oxford	
STC	Strategic Communication	Bachelor of Arts	Major	Arts & Science	Oxford	Requires a second major

ART	Studio Art	Bachelor of Fine Arts	Major, Minor	Creative Arts	Oxford	Limited admission to major
MGT	Supply Chain Management		Minor	Farmer School	Oxford	
MGT	Supply Chain & Operations Management	Bachelor of Science in Business	Major	Farmer School	Oxford	Admission required for major
IES	Sustainability		Co-Major	Arts & Science	Oxford	Co-major requires primary major
EDT	Teaching English to Speakers of Other Languages (TESOL)		Endorsement	Education, Health & Society	Oxford	
EDT	Teaching English Language Learners (TELLs)		Certificate	Education, Health & Society	Oxford	
CIT, CMR, ENT	Technical Study	Associate of Technical Study	Major	Liberal Arts and Applied Science	Regionals	
THE	Theatre	Bachelor of Arts in Theatre	Major	Creative Arts	Oxford	Limited admission
THE	Theatre Arts		Minor	Creative Arts	Oxford	
GEO	Urban and Regional Planning Urban and Regional Analysis	Bachelor of Arts	Major Minor	Arts & Science	Oxford	
ARC	Urban Design		Minor	Creative Arts	Oxford	
WGS	Women's, Gender & Sexuality Studies	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
BIO	Zoology	Bachelor of Arts, Bachelor of Science	Major	Arts & Science	Oxford	

## Not Finding What You Want?

You may not have found your area of interest in our list of majors. The subjects in bold (below) may be more familiar to you. Beside them are the Miami majors that best match the areas of interest.

**Advertising:** Strategic Communication, English, Media and Communication, Marketing, Communication Design

**Bacteriology:** Microbiology

**Biology:** Applied Biology, Biology, Botany, Microbiology, Zoology

**City planning:** Urban and Regional Planning, Architecture

**Criminology:** Criminal Justice, Sociology (Criminology concentration)

**Dentistry:** any major, most often Biology, Chemistry, Microbiology, Zoology

**Drama:** English, Theatre

**Foreign affairs:** Diplomacy and Global Politics, International Studies

**Forestry:** Botany, Environmental Science

**Government work:** Accountancy, American Studies, Business, Diplomacy and Global Politics, Economics, Public Administration

**International Studies:** International Studies, Political Science, Public Administration, Urban and Regional Planning

**Human resources:** Human Capital Management and Leadership, Psychology, Psychological Science

**Language:** Speech Pathology and Audiology, any foreign language, Linguistics

**Law:** any major, American Studies, Classical Studies, Economics, English, English Studies, Finance, History, Philosophy, Political Science, Religion, Social Justice, Theatre

**Medicine:** any major, most often Biology, Chemistry, Microbiology, Psychology, Zoology; also Biomedical Engineering, Chemical Engineering, Kinesiology, Applied Biology

**Operations research:** Engineering Management

**Pharmacy:** Chemistry, Biochemistry

**Physical therapy:** Kinesiology, Psychology, Zoology

**Public relations:** English/Professional Writing, Journalism, Strategic Communication, Marketing, Communication Studies

**Social service:** Psychology, Psychological Science, Social Work, Sociology

**Sports:** Nutrition, Kinesiology, Sport Leadership and Management

**Teaching:** Education, Art Education, Music Education

**Television and radio:** Journalism, Media and Communication, Theatre

## Selecting Courses

### ***Differences Between High School and College Courses***

High School	College
You can count on your parents and teachers to remind you of your responsibilities and to guide you in setting priorities.	You must balance your own responsibilities, set priorities, and face the consequences of your decisions.
You aren't responsible for knowing what it takes to graduate.	Graduation requirements are complex and can differ from year to year. You are expected to know those that apply to you.
Classes generally have no more than 35 students in them.	Classes may sometimes number 100 students or more.
You may not need to read anything more than once, and sometimes listening in class is enough to perform well.	You need to review class notes and read text material regularly.
You are expected to read short assignments that are then discussed, and often re-taught, in class.	You may be assigned substantial amounts of reading and writing which may not be directly addressed in class.
You may study outside of class as little as 0 to 2 hours a week, and this may be mostly last-minute test preparation.	You need to study at least 2 to 3 hours outside of class for each hour in class.
Teachers remind you of incomplete work and let you know what you missed if you are absent.	Professors may not remind you of incomplete work. If you are absent from class, you will need to approach another student in the class or consult the syllabus for any material you missed.
Teachers approach you if they believe you are falling behind or need assistance.	Professors are usually open and helpful, but most will expect you to initiate contact if you need assistance.
Teachers present material to help you understand the material in the textbook and prepare for examinations.	Professors are interested in you understanding the topics and concepts of the discipline, but they may not follow the textbook. Instead, they may supplement the textbook by offering illustrations, background information, or related research. Or, they may expect you to connect ideas presented in class to what you read in the textbook.
Teachers often take time to remind you of due dates of upcoming assignments.	Professors expect you to consult the syllabus.
Teachers may take roll for class attendance.	Professors may not always take attendance, but they are still likely to know if you are not there.
Testing is frequent and covers small amounts of material.	Testing is usually infrequent and may be cumulative, covering large amounts of material. You, not the professor, need to organize material to prepare for the test.
Makeup tests or extra credit are often available.	Makeup tests and extra credit are seldom an option.

Grades are given for most assigned work, and consistently good homework grades or attendance may raise your overall grade when test grades are low.	Grades may not be provided for all assigned work, and grades on major papers and tests usually provide most of the grades.
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## Choosing Between Different Levels of Courses

Familiarize yourself with Miami's course numbering system below.

- We recommend that first-year students register for introductory level and Foundation courses (100-299).
- Transfer students should consider prerequisites and their prior knowledge of the subject before enrolling in higher level courses.

## Course Numbering System

100-199 <b>Introductory-level undergraduate courses. Appropriate for first-year students.</b>	
200-399	High introductory- to intermediate-level courses.
400-499	Advanced level. Appropriate for advanced undergraduates, i.e., juniors and seniors.
500 and up	Graduate-level courses.

## First-Year Success Courses

To help you transition smoothly into life at Miami and better ensure your academic success, we recommend enrolling in one of the following courses designed for first-year students:

Number	Title	Credits	Notes
UNV 101	I am Miami	1	For any student; some sections are targeted for students in particular majors
BIO 147	Introductory Seminar	1	For students majoring in Biology
BUS 106	FSB Success Strategies	1	For students in the Farmer School of Business
CEC 101	Computing, Engineering & Society	1	For students in the College of Engineering & Computing
CHM 147	Introductory Seminar	1	For students majoring in Chemistry or Biochemistry
CIT 167	IT People and Practices	2	For students majoring in Information Technology & Health Information Technology
EDL 110	The University & the Student	1	For any student
EDL 151	The American University	2	For international students
ENT 137	Introduction to Engineering Technology	1	For students in Engineering Technology
GLG 147	Introductory Seminar	1	For students in Environmental Earth Science, and Geology
HST 147	Introductory Seminar	1	For students in History
IMS 101	Introduction to ETBD	1	For students majoring in Emerging Technology in Business and Design (ETBD)
IMS 111	Introduction to Game Careers	1	For students majoring in Games + Simulation
MBI 147	Introductory Seminar	1	For students majoring in Microbiology
MTH/STA 147	Introductory Seminar	1	For students majoring in Mathematics, Mathematics & Statistics, and Statistics
PMD 101	Explorations in Medicine	1	For students interested in medical careers
PLW 101	Exploring Careers in Law	1	For students interested in law careers
PSY 112M	Foundational Experiences in Psychology	1	For students majoring in Psychology
THE 107	The Theatre Major	1	For students majoring in Theatre

Note:

- Because these courses have similar goals, we recommend enrolling in only one of these courses.
- Be sure to enroll in a section offered on your campus.

## Foundation Courses

### Foundation I. English Composition (3 hours minimum)

Number	Title	Credits	Other Requirements

			<b>It May Fulfill</b>
ENG 109	Composition and Rhetoric for Second-Language Writers	4	
ENG 111	Composition and Rhetoric	3	

## **Foundation II. Creative Arts, Humanities, Social Science (9 semester hours)**

### **IIA. Creative Arts (3 hours minimum)**

<b>Number</b>	<b>Title</b>	<b>Credits</b>	<b>Other Requirements It May Fulfill</b>
ARC 107	Global Design	3	IIIB
ARC 188	Ideas in Architecture	3	IIB
ARC 221,222	History of Architecture I, II	3, 3	IIB
ART 162	Arts of Africa, Oceania and Native America	3	IIIB
ART 181	Concepts in Art	3	
ART/AMS 183	Images of America	3	IIB, IC
ART 187	History of Western Art: Prehistoric-Gothic	3	IIB
ART 188	History of Western Art: Renaissance-Modern	3	IIB
ART 189	History of Western Dress	3	IIB
ART 195	Introduction to Art Education	3	
ART 233	Global Perspectives on Dress	3	
ART 256	Design, Perception, and Audience	3	
ART/BWS 276	Introduction to the Art of the Black Diaspora	3	IIB
ART 283	Modern America	3	IIB
ART 286	History of Asian Art: China, Korea, and Japan	3	IIB
CCA 111	Innovation, Creativity and Design Thinking	3	V
CCA 121	Introduction to the Integrated Arts and Culture	3	
FAS 281	Contemporary Fashion History of 20th-21st Century	3	IIB
IMS 254	Design Thinking and Design Principles Applied	3	
MUS/AMS 135	Understanding Jazz: Its History & Context	3	IIB, IIIB
MUS 182	Discovering Italian Opera	3	IIB
MUS 184	Opera: Passport to the Liberal Arts	3	IIB

MUS 185	The Diverse Worlds of Music	3	IIB, IIIB
MUS 186	Global Popular Music	3	IIB, IIIB
MUS 189	Great Ideas in Western Music	3	IIB
MUS 206	Tracking Sounds: A History of Film Music	3	IIB
MUS 211	History of Western Music	3	
MUS/IMS 221	Music Technologies	3	V
MUS 225	And the Beat Goes On . . . The History of Rock and Roll	3	IIB
MUS 285	Introduction to African-American Music	3	IIB, IIIB, IC
MUS/WGS 287	Enter the Diva: Women in Music	3	IIB, IC
POR/BWS/FST/LAS/MUS 204	Brazilian Culture Through Music and Film	3	IIB, IIIB
THE 101	Introduction to Theatre: Drama and Analysis	3	
THE 123	Acting for the Non-Major: Text and Performance	3	IIB
THE 191	Experiencing Theatre	3	
THE 257	Stagecraft and Theatre Technologies	3	V

## IIB. Humanities (3 hours minimum)

Number	Title	Credits	Other Requirements It May Fulfill
AAA 201	Introduction to Asian/Asian American Studies	3	IIC, IIIB
AAA/REL 203	Global Religions of India	3	IIIB
AAA/ENG/FST 249	Asian and Asian American Cinema	3	
AMS 205	Introduction to American Cultures	3	
AMS 207	America - Global and Intercultural Perspectives	3	IIIB
AMS/AAA/ENG 248	Asian American Literature	3	IIIB
ARC 188	Ideas in Architecture	3	IIA
ARC 221, 222	History of Architecture I, II	3,3	IIA
ART/AMS 183	Images of America	3	IIA, IC
ART 187	History of Western Art: Prehistoric-Gothic	3	IIA
ART 188	History of Western Art: Renaissance-Modern	3	IIA
ART 189	History of Western Dress	3	IIA

ART 283	Modern America	3	IIA
ART 286	History of Asia Art: China, Korea, and Japan	3	IIA
CHI 251	Traditional Chinese Literature in English Translation	3	
CHI 252	Modern Chinese Literature in English Translation	3	
CHI/JPN 255	Drama in China and Japan in English Translation	3	
CHI 257	Chinese Satire	3	IIIB
CIT/CSE 262	Technology, Ethics, and Global Society	3	IIC
CLS 101	Greek Civilization in its Mediterranean Context	3	
CLS 102	Roman Civilization	3	
CLS 121	Introduction to Classical Mythology	3	
CRE 151	Introduction to Critical and Ethnic Studies	3	IIC, IIIB, IC
DST/EDL 315	Disability History in America	3	
EDL 204	Sociocultural Studies in Education	3	IC
EDL 351	Leadership Ethics in Community Contexts	3	
ENG 121	Literature for ESL Learners	3	
ENG 122	Popular Literature	3	
ENG 123	Introduction to Poetry	3	
ENG 124	Introduction to Fiction	3	
ENG 125	Introduction to Drama	3	
ENG 129	Books You Need to Read	3	
ENG 134	Introduction to Shakespeare	3	
ENG 163	Literature and Travel	3	IIIB
ENG 169	Disability and Literature	3	IC
ENG/IMS 171	Humanities and Technology	3	
ENG 202	Varieties of American English: Dialect Diversity & Language Change	3	IC
ENG/FST 220	Literature and Film	3	
ENG/FST 221	Shakespeare and Film	3	
ENG 237	GLBTQ Literature	3	
ENG/IMS 238	Narrative & Digital Technology	3	

ENG/AMS 246	Native American Literature	3	IC
ENG 251	Introduction to European Literature	3	IIIB
ENG/LAS 254	Latino/a Literature and the Americas	3	IIIB, IC
ENG/RUS 256	Empire & Utopia Russian Literature	3	IIIB
ENG 263	Literature and Medicine	3	IC
ENG/IES 264	Literature & Environment	3	
ENG/AAA 269	Colonial and Postcolonial Literature	3	IIIB
ENG 272, 273, 274	English Literature to 1660; English Literature 1660-1900; English Literature 1901 to Present	3,3,3	
ENG 275, 276	American Literature to 1900; American Literature 1900 to Present	3,3	
ENG/FST/WGS 356	Women and Gender in Film	3	IC
FAS 281	Contemporary Fashion History of 20th-21st Century	3	IIA
FRE 131	Masterpieces of French Literature in Translation	3	IIIB
FRE 202	Critical Analysis of French Culture	3	IIIB
FST 201	Film History and Analysis	3	
FST/IDS 206	Diversity and Culture in American Film	3	IC
GER 151	The German-American Experience	3	IC
GER 231	Folk and Literary Fairy Tales	3	
GER 232	The Holocaust in German Literature, History, and Film	3	IIIB
GER 252	The German-Jewish Experience	3	IIIB
GER/FST 261	German Film in Global Context		IIIB, IC
GER 321	Cultural Topics in German-Speaking Europe Since 1870	3	
GER 322	Comparative Study of Everyday Culture: German-Speaking Europe and the U.S.A	3	IIC, IIIB, IC
GIC 101	Global and Intercultural Studies	3	IIC, IIIB
GIC 301	Approaches to Global and Intercultural Studies: Globalization and Belonging	3	IIC, IIIB, IC
HST 111, 112	Survey of American History	3,3	
HST 197	World History To 1500	3	IIIB
HST 198	World History Since 150	3	IIIB
HST/BWS 224	Africa to 1884	3	
HST/BWS 225	The Making of Modern Africa	3	

HST 231	Genocides in the 20th Century	3	IIIB
HST 238	Food in History	3	IIIB
HST 245	Making of Modern Europe, 1450-1750	3	IIIB
HST/ATH/CLS/ POL/REL/ RUS 254	Introduction to Russian and Eurasian Studies	3	AW
HST/LAS 260	Latin America in the United States	3	IIIB
HST 296	World History Since 1945	3	IIIB
IMS 201	Information Studies and Digital Citizenship	3	
IMS 203	Applied Digital Humanities	3	
IMS 211	Introduction to Game Studies	3	
ITL 221	Italy, Matrix of Civilization	3	
ITL/AMS/FST 222	Italian American Culture	3	IC
JPN 231	Japanese Tales of the Supernatural in English Translation	3	
JPN/CHI 255	Drama in China and Japan in English Translation	3	
JRN 101	Introduction to Journalism	3	
MJF 105	Introduction to Media and Culture	3	
MUS/AMS 135	Understanding Jazz, Its History and Context	3	IIA, IIIB
MUS 182	Discovering Italian Opera	3	IIA
MUS 184	Opera: Passport to the Liberal Arts	3	IIA
MUS 185	The Diverse Worlds of Music	3	IIA, IIIB
MUS 186	Global Popular Music	3	IIA, IIIB
MUS 189	Great Ideas in Western Music	3	IIA
MUS 206	Tracking Sounds: A History of Film Music	3	IIA
MUS 225	And the Beat Goes On . . . The History of Rock and Roll	3	IIA
MUS 285	Introduction to African-American Music	3	IIA, IIIB, IC
MUS/WGS 287	Enter the Diva: Women in Music	3	IIA, IC
PHL 103	Society and the Individual	3	
PHL 104	Purpose or Chance in the Universe	3	
PHL 105	Theories of Human Nature	3	

PHL 131	Introduction to Ethics	3	
POR/BWS/FST/ LAS/MUS 204	Brazilian Culture Through Music and Film	3	IIA, IIIB
POR/BWS/ENG/ WGS/FST 383	Brazilian Women through Literature and Film	3	IIIB
REL 101	Introduction to the Study of Religion	3	
REL/BIO 128	Religion, Science and Origins	3	
REL 133	Imagining Russia	3	IIIB
REL 275	Introduction to the Critical Study of Biblical Literature	3	
REL 286	Global Jewish Civilization	3	IIIB
REL 314	Social and Religious History of the Jewish People	3	
RUS 137	Russian Folklore	3	
RUS/ENG 255	Love and Death in Nineteenth-Century Russian Literature	3	
RUS/ENG 256	Empire and Utopia in Russian Literature	3	IIIB
RUS 257/ENG 267	Communism and Catastrophe in Modern Russian Literature	3	IIIB
SPN 315	Introduction to Hispanic Literature	3	
THE 123	Acting for the Non-Major: Text and Performance	3	IIA
WGS 202	Introduction to GLBT Studies	3	IC
WST 201	Self and Place	3	

### IIC. Social Science (3 hours minimum)

Number	Title	Credits	Other Requirements It May Fulfill
AAA 201	Introduction to Asian/ Asian American Studies	3	IIIB, IIIB
AAA 207	Asia and Globalization	3	IIIB
AAA/PSY 210	Psychology Across Cultures	3	IIIB, IC
AAA/ENG 269	Colonial & Postcolonial Literature	3	
ASO 201	Introduction to Applied Social Research	3	IIIB, IC
ATH 145	Lost Cities and Ancient Civilizations	3	IIIB
ATH 155	Introduction to Anthropology	4	IIIB

ATH 175	People of the World	3	IIIB
ATH 185	Cultural Diversity in the U.S.	3	IIIB
ATH 235	Imagining and Encountering the Anthropological Other	3	IIIB
ATH 313	Latin American Archaeology	3	IIIB
ATH 327	Pokemon and J-Pop in Global & Local Contexts	3	
BWS/SOC 279	African Americans in Sport	3	
CIT/CSE 262	Technology, Ethics, and Global Society	3	IIB
CJS 101	Introduction to the Criminal Justice Studies	3	
CMR 106	Introduction to Business and the Economy	3	
CMR 117	Personal Finance: An Introduction	3	
CRE 151	Introduction to Critical Race and Ethnic Studies	4	IIB, IIIB, IC
ECO 131	Economic Perspectives on Inequality in America	3	IC
ECO 201	Principles of Microeconomics	3	
ECO 202	Principles of Macroeconomics	3	
EDL 203	Introduction to Critical Youth Studies	3	IC
EDL 232	Introduction to Community-Based Leadership	3	
EDP 101	Psychology of the Learner	3	
EDP 201	Human Development and Learning in Social and Educational Contexts	3	
EDP 256	Psychology of the Exceptional Learner	3	
EDP/DST/SOC 272	Introduction to Disability Studies	3	IC
EDP 279	Technology + Media Literacy and Learning	3	
EDP 366	Cross-cultural Examination of the United States and China within an Educational Context	3	IIIB
ENG 201	Special Topics in Language Awareness	3	
ENG/WGS 237	GLBTQ Literature	3	
FSW 142	Exploring Helping Profession	3	
FSW 206	Social Welfare Policies and Programs	3	IC
FSW 245	Children and Families: Ages Conception – 12	3	
FSW 261	Diverse Family Systems Across the Life Cycle	3	
GEO 101	Global Forces, Local Diversity	3	IIIB

GEO 111	World Regional Geography: Patterns and Issues	3	IIIB
GEO/SJS 159	Creating Global Peace	3	IIIB
GEO 201	Geography of Urban Diversity	3	IC
GEO/ITS/SOC 208	The Rise of Industrialism in East Asia	3	IIIB
GEO/AMS 352	Geographies of Urban Change	3	
GIC 101	Global & Intercultural Studies	3	IIIB, IIIB
GIC 301	Approaches to Global and Intercultural Studies: Globalization and Belonging	3	IIIB, IIIB, IC
GTY 154	Big Ideas in Aging	3	
HST/IDS 259	Introduction to the Miami Tribe of Oklahoma	3	
IDS 159	Strength Through Cultural Diversity	3	IIIB, IC
ITS 201	Introduction to International Studies	3	IIIB, IC
KNH 125	Introduction to Public Health	3	
KNH 188	Physical Activity and Health	3	
KNH 206	AIDS: Etiology, Prevalence, and Prevention	3	
KNH 214	Global Well-Being	3	IIIB, IC
KNH 242	Personal Health	3	
LAS 208/ATH 206	Introduction to Latin America	3	IIIB, IC
MGT 111	Introduction to Business	3	
POL 142	American Politics and Diversity	3	IC
POL 221	Comparative Politics	3	IIIB
POL 241	American Political System	3	
POL 271	World Politics	3	IIIB
PSY 111	Introduction to Psychology	3	
SJS/SOC 165	Introduction to Social Justice Studies	3	IIIB, IC
SOC 151	Social Relations	4	
SOC 153	Sociology in a Global Context	3	IIIB
SPA 127	Introduction to Communication Disorders	3	
SPA 223	Theories of Language Development	3	

SPA/DST 312	Deaf Culture: Global, National and Local Issues	3	IIIB
STC 136	Introduction to Interpersonal Communication	3	
WGS 201	Introduction to Women's Studies	3	IIIB, IC

## Foundation III. Global Perspectives (6 hours)

### III A. Study Abroad (6 hours)

Six hours of Foundation credit from any Miami-approved Study Abroad program.

OR

### III B. Global Courses (6 hours minimum)

G-Courses are specially designed to have a global perspective and help students develop the ability to communicate and act respectfully across linguistic and cultural differences.

Number	Title	Credits	Other Requirements It May Fulfill
AAA 201	Introduction to Asian/Asian American Studies	3	IIB, IIC, IC
AAA/REL 203	Global Religions of India	3	IIB
AAA 207	Asia and Globalization	3	
AAA/PSY 210	Psychology Across Cultures	3	IIC, IC
AAA/AMS/ENG 248	Asian American Literature	3	IIIB, IIC , IC
AAA/ENG/FST 249	Asian and Asian American Cinema	3	IIB
AMS 207	America - Global and Intercultural Perspectives	3	IIB, IC
ARC 107	Global Design	3	IIA
ART 162	Arts of Africa, Oceania and Native America	3	IIA
ART/BWS 276	Introduction to the Art of the Black Diaspora	3	IIA
ART 309	The Arts of African Peoples	3	IC
ART/BWS 335	Arts of West Africa	3	
ASO 201	Introduction to Applied Social Research	3	IIC, IC
ATH/FST 135	Film as Ethnography	1	
ATH 145	Lost Cities & Ancient Civilizations	3	IIC
ATH 155	Introduction to Anthropology	4	IIC

ATH 175	Peoples of the World	3	IIC
ATH 185	Cultural Diversity in the U.S.	3	IIC
ATH 235	Imagining and Encountering the Anthropological Other	3	IIB, IIC
ATH/CLS/HST/POL/REL/RUS 254	Introduction to Russian and Eurasian Studies	3	IIB, AW
ATH/BWS 307	The Middle East: Anthropological Perspectives	3	
ATH 313	Latin American Archaeology	3	IIB, IC
ATH 327	Pokemon and J-Pop in Global and Local Contexts	3	IIC, IC
ATH 358	Travelers, Migrants, and Refugees: Transnational Migration and Diasporic Communities	3	
ATH 361	Language and Power	3	
BWS 156	Introduction to Africa	3	
CEC 266	Metal on Metal: Engineering and Globalization in Heavy Metal Music	3	V, IC
CHI 257	Chinese Satire	3	IIB
CJS 245	Human Trafficking and Contemporary Slavery	3	
CMR 244	Introduction to Global Business	3	IC
CRE 151	Introduction to Critical Race and Ethnic Studies	3	IIB, IIC, IC
EDL/EDT 312	Foundations of Education in Global Contexts	3	
EDL/AAA 334	Transnational Youth Studies	3	IC
EDP/EDL 366	Cross-cultural Examination of the United States and China within an Educational Context	3	IIC
EDT 202	Global Childhood Education: Diversity, Education & Society	3	
EDT 205	Race, Cultural Diversity and Equity in Education	3	IC
EDT 221	Teaching English Language Learners in PK-12: Culture & Second Language Acquisition	3	
ENG 108	U.S. Cultures & Composition for Second-Language Writers	5	
ENG 163	Literature and Travel	3	IIB, IC
ENG 251	Introduction to European Literature	3	IIB
ENG/LAS 254	Latino/a Literature and the Americas	3	IIB,
ENG/RUS 256	Empire and Utopia in Russian Literature	3	IIB
ENG/AAA 269	Colonial and Postcolonial Literature	3	IIB
FRE 131	Masterpieces of French Culture in Translation	3	IIB
FRE 202	Critical Analysis of French Culture	3	IIB

GEO 101	Global Forces, Local Diversity	3	IIC
GEO 111	World Regional Geography: Patterns and Issues	3	IIC
GEO/SJS 159	Creating Global Peace	3	IIC
GEO/ITS/SOC 208	The Rise of Industrialism in East Asia	3	IIC
GER 232	The Holocaust in German Literature, History, and Film	3	IIB
GER 252	The German-Jewish Experience	3	IIB
GER/FST 261	German Film in Global Context	3	IIB, IC
GER 321	Cultural Topics in German Speaking Europe Since 1870	3	
GER 322	Comparative Study of Everyday Culture: German Speaking Europe and the USA	3	IIB, IIC, IC
GHS 101	Introduction to Global Health	3	
GIC 101	Global and Intercultural Studies	3	IIC
GIC 301	Approaches to Global and Intercultural Studies: Globalization and Belonging	3	IIB, IIC, IC
GTY 260	Global Aging	3	IC
HST 197	World History to 1500	3	IIB
HST 198	World History Since 1500	3	IIB
HST 231	Genocides in the 20th Century	3	IIB
HST 238	Food in History	3	IIB
HST 245	Making of Modern Europe, 1450-1750	3	IIB
HST/LAS 260	Latin America in the United States	3	IIB, IC
HST 296	World History Since 1945	3	IIB
IDS 159	Strength Through Cultural Diversity	3	IIC
IMS 397	Inside the Startup Environment (SF)	3	
ITS 201	Introduction to International Studies	3	IIC
KNH 213	Global and Community Nutrition	3	
KNH 214	Global Well-Being	3	IIC, IC
LAS 208/ATH 206	Introduction to Latin America	3	IIC, IC
MUS/AMS 135	Understanding Jazz, Its History and Context	3	IIA, IIB
MUS 185	Diverse Worlds of Music	3	IIA, IIB
MUS 186	Global Popular Music	3	IIA, IIB
MUS/AMS 285	Introduction to African-American Music	3	IIA, IIB, IC

POL 221	Comparative Politics	3	IIC
POL 271	World Politics	3	IIC
POR/FST/LAS/MUS 204	Brazilian Culture Through Music and Film	3	IIA, IIB
POR/BWS/ENG/WGS/FST 383	Brazilian Women through Literature and Film	3	IIB
REL/RUS 133	Imagining Russia	3	IIB
REL 286	Global Jewish Civilization	3	IIB
RUS 137	Russian Folklore	3	
RUS 255	Love and Death in Nineteenth-Century Russian Literature	3	
RUS/ENG 256	Empire and Utopia in Russian Literature	3	IIB
RUS 257/ENG 267	Communism and Catastrophe in Modern Russian Literature	3	IIB
SOC 153	Sociology in a Global Context	3	IIC
SOC/SJS 165	Introduction to Social Justice Studies	3	IIC, IC
SPA/DST 312	Deaf Culture: Global, National and Local Issues	3	IIC, IC
SPN 392	Language and the Latin American Diaspora	3	
WGS 201	Introduction to Women's Studies	3	IIC, IC

#### Foundation IV. Natural Science (6 hours, must include one laboratory course)

##### IVA. Biological Science (3 hours minimum)

Number	Title	Credits	Other Requirements It May Fulfill
ATH 255	Introduction to Biological Anthropology	4	
BIO 101	Biotechnology: Coming of Age in the 21st Century	3	
BIO/MBI 115	Biological Concepts: Ecology, Evolution, Genetics, and Diversity	4	LAB
BIO/MBI 116	Biological Concepts: Structure, Function, Cellular, and Molecular Biology	4	LAB
BIO 121	Environmental Biology	3	
BIO 126	Evolution: Just a Theory?	3	
BIO 131	Plants, Humanity, and Environment	3	
BIO 155	Field Botany	3	LAB
BIO 161	Principles of Human Physiology	4	LAB

BIO 171	Human Anatomy and Physiology	4	LAB
BIO 176	Ecology of North America	3	
BIO 191	Plant Biology	4	LAB
IES 278	Introduction to Food Systems	4	LAB
MBI 111	Microorganisms and Human Diseases	3	
MBI 121	The Microbial World	3	
MBI 123	Experimenting with Microbes	1	LAB
MBI 131	Community Health Perspectives	3	
MBI 143	Parasitology and Mycology Labs	1	LAB
MBI 161	Elementary Medical Microbiology	4	LAB

#### IVB. Physical Science (3 hours minimum)

Number	Title	Credits	Other Requirements It May Fulfill
CHM 111	Chemistry in Modern Society	3	
CHM 111L	Chemistry in Modern Society Laboratory	1	LAB
CHM 121	Introduction to Forensic Chemistry	4	
CHM 131	Chemistry of Life Processes	4	LAB
CHM 141	College Chemistry	3	
CHM 141R	College Chemistry	4	
CHM 144	College Chemistry Laboratory	2	LAB
CHM 144M	College Chemistry Laboratory for Majors	2	LAB
EDT 181	Physical Science and Society	4,4	LAB
EDT 182	Earth Science and Society	4	
GEO 121	Earth's Physical Environment	4	LAB
GEO 122	Geographic Perspectives on the Environment	3	
GLG 111	The Dynamic Earth	3	
GLG 115L	Understanding the Earth	1	LAB
GLG 121	Environmental Geology	3	
GLG 141	Geology of U.S. National Parks	3	

PHY 101	Physics and Society	3	
PHY 103	Concepts in Physics Laboratory	1	LAB
PHY 111	Astronomy and Space Physics	3	
PHY 118	Introduction to Atmospheric Science	3	
PHY 121	Energy and Environment	3	
PHY 131	Physics for Music	3	
PHY 141	Physics in Sports	3	
PHY 161	Physics for the Life Sciences with Laboratory I	4	LAB
PHY 162	Physics for the Life Sciences with Laboratory II	4	LAB
PHY 191	General Physics with Laboratory I	5	LAB
PHY 192	General Physics with Laboratory II	5	LAB

### Foundation V. Mathematics, Formal Reasoning, Technology (3 hours minimum)

Number	Title	Credits	Other Requirements It May Fulfill
ARC 212	Principles of Environmental Systems	3	
ATH/ENG/GER 219	Introduction to Linguistics	3	
CCA 111	Innovation, Creativity and Design Thinking	3	IIA
CEC 266	Metal on Metal: Engineering and Globalization in Heavy Metal Music	3	IIIB, IC
CMR 282	Computer-Based Business Analysis	3	
CSE 151	Computers, Computer Science, and Society	3	
CSE 163	Introduction to Computer Concepts and Programming	3	
CSE 243	Problem Analysis Using Computer Tools	3	
IMS 222	Introduction to Interaction Design and Development	3	
MTH 115	Mathematics for Teachers of Grades P-6	4	
MTH 119	Quantitative Reasoning	4	
MTH 121	Finite Mathematical Models	3	
MTH 151	Calculus I	4	
MTH 249	Calculus II	5	

MUS/IMS 221	Music Technologies	3	IIA
PHL 273	Formal Logic	4	
STA 261	Statistics	4	
THE 257	Stagecraft and Theatre Technologies	3	IIA

## ***Intercultural Perspectives Courses***

Intercultural Perspectives courses prepare students for effective citizenship in a diverse multicultural society in the U.S. or beyond. In these courses, students will recognize new perspectives about their own cultural rules and biases. Some first-year students who have high numbers of Advanced Placement or college credit may decide to enroll in one of these courses. Full descriptions of the courses can be found on the Office of Liberal Education website.

Number	Title	Credits
AAA 201	Introduction to Asian/ Asian American Studies	3
AAA/ENG/FST 249	Asian and Asian American Cinema	3
AAA/ENG/WGS 351	Cultural Politics of Gender and Sexuality in Asian/America	3
AMS 205	Introduction to American Studies	3
AMS 207	America: Global and Intercultural Perspectives	3
AMS/FST/ITL 222	Italian American Culture	3
AMS/REL 241	Religions of the American Peoples	4
AMS 301	American Identities	3
AMS 302	Immigrant America	3
AMS 305	American Icons	3
AMS/REL 342	Religious Pluralism in Modern America	4
AMS/ENG 348	Ethnic American Literature	3
AMS/HST/WGS 382	Women in American History	3
AMS/HST/WGS 392	Sex & Gender in American Culture	3
ART/AMS 183	Images of America	3
ART 309	The Arts of African Peoples	3
ASO 201	Introduction to Applied Social Research	3
ATH 185	Cultural Diversity in the U.S.	3
ATH 304	Native North America: Anthropological Perspectives	3
ATH 313	Latin American Archaeology	3
ATH 327	Pokemon and J-Pop in Global and Local Contexts	
BIS/EGS 305	Integrative Writing in Global Contexts	3

BWS/HST 221	African-American History	3
BWS 248	African-American Experience	3
BWS/SOC 279	African Americans in Sport	3
BWS/SOC 348	Race and Ethnic Relations	3
BWS/FSW/SOC 362	Family Poverty	3
BWS/HST 386	Race in U.S. Society	3
CEC 266	Metal on Metal: Engineering & Globalization in Heavy Metal Music	3
CMR 244	Introduction to Global Business	3
CRE 151	Introduction to Critical race and Ethnic Studies	3
DST/EDP/SOC 272	Introduction to Disability Studies	3
DST/EDL 315	Disability History in America	3
DST/EDP/SOC/WGS 375	(Dis)Ability Allies; To be or not to be? Developing Identity and Pride from Practice	3
ECO 131	Economic Perspectives on Inequality in America	3
ECO 356	Poverty and Income Distribution	3
EDL 203	Introduction to Critical Youth Studies	3
EDL 204	Sociocultural Studies in Education	3
EDL/AAA 334	Transnational Youth Studies	3
EDT 205	Race, Cultural Diversity and Equity in Education	3
EDT 225	Family School and Community Connections	3
EGS 305	Integrative Writing in Global Contexts	3
ENG 163	Literature and Travel	3
ENG/DST 169	Disability and Literature	3
ENG 202	Varieties of English: Dialect Diversity and Language Change	3
ENG/WGS 232	Women Writers	3
ENG 237	GLBTQ Literature	3
ENG/AMS 246	Native American Literature	3
ENG/AAA/AMS 248	Asian American Literature	3
ENG/LAS 254	Latino/a Literature and the Americas	3
ENG 263	Literature and Medicine	3
ENG/BWS 336	African American Writing: 1746-1877	3
ENG/BWS 337	African American Writing 1878-1945	3
ENG/BWS 338	African American Writing 1946-Present	3

ENG/FST/WGS 356	Women and Gender in Film	3
ENG 386	Studies in Drama and Performance	3
FST/IDS 206	Diversity and Culture in American Film	3
FST 282	Sexualities and Film	3
FST/ITL 362	Mafia and Cinema	3
FSW 206	Social Welfare Policies and Programs	4
FSW/WGS 361	Couple Relationships: Diversity and Change	3
FSW/BWS/SOC 362	Family Poverty	3
GEO 201	Geography of Urban Diversity	3
GEO/WGS 302	Geography and Gender	3
GEO/WGS 309	Native American Women	3
GER 151	The German-American Experience	3
GER/FST 261	German Film in Global Context	3
GIC 228	Cuba in Translation	3
GIC 301	Approaches to Global and Intercultural Studies: Globalization and Belonging	3
GTY 260	Global Aging	3
GTY 310	Opening Minds through Art (OMA) Leadership Experience	2
GTY/SOC 318	Social Forces and Aging	3
HST/LAS 260	Latin America in the United States	3
HST 372	Native America since 1940	3
IDS 159	Strength Through Cultural Diversity	3
IDS/HST 259	Intro to the Miami Tribe of Oklahoma	3
IMS 384	Rhetoric of Games	3
ITS 201	Introduction to International Studies	3
KNH 214	Global Well Being	3
LAS 208/ATH 206	Introduction to Latin America	3
LAS/AMS 315	Latin American Diaspora: Communities, Conditions, and Issues	3
LAS/ATH/BWS/WGS/ATH 325	Identity, Race, Gender, Class	3
MGT 304	Cross Cultural Management	3
MUS/AMS 285	Introduction to African American Music	3
MUS/WGS 287	Enter the Diva: Women in Music	3
MUS/AMS 385	The Roots of Black Music: Blues, Gospel, and Soul	3

MUS/AMS 386	The History and Development of Hip Hop Culture in America	3
POL 142	American Politics and Diversity	3
PSY/AAA 210	Psychology Across Cultures	3
PSY 325	Psychology of Prejudice and Minority Experience	3
REL/WGS 313	Marriage Across Cultures	3
RUS 137	Russian Folklore	3
SJS/SOC 165	Introduction to Social Justice Studies	3
SJS 215	EMPOWER I: Educational and Economic Justice and Service-Learning	3
SOC/WGS 203	Sociology of Gender	3
SOC/FSW/BWS 362	Family Poverty	3
SPA/DST 312	Deaf Culture: Global, National, Local Issue	3
SPN 322	Issues Affecting Hispanic Health Care in the U.S.	3
WGS 201	Introduction to Women's Studies	3
WGS 202	Introduction to GLBT Studies	3
WGS 301	Women and Difference: Intersections of Race, Class, and Sexuality	3
WST 123	Biology and Society	3

## Course Descriptions

**AAA 201. Introduction to Asian/Asian American Studies.** (3) Since the mid-nineteenth century, Americans have viewed Asia as alien, mysterious, alluring, repressed and have alternately been compelled by and frightened by what they have regarded as incommensurable cultural differences between the United States and Asia. In addressing this, we will focus on the following themes: colonialism and nationalism, national and ethnic identities, emigration and immigration, and popular culture and mass media, as a way to put in perspective, if not dispel, prevailing stereotypes of Asian and Asian America and gain a more complex and nuanced understanding of the complex and rich geo-political, cultural and historical terrain of Asia/ Asian America. This course is designed to provide a general introduction to the related disciplines of Asian Studies, and Asian American Studies and to familiarize students with some of the major debates, points of connection and contention. We will consider how “Asia” and “Asian America” are defined, geopolitically and strategically to allow us to develop a critical view about Asian and Asian American studies in a transnational frame. Through an examination of fiction, film and sociological works, students will acquire a better understanding about what is being researched in this field.

**AAA/REL 203. Religions of India.** (3) Explores the major religions of India and their growth outside India. Asks how these religions have contributed to the religious pluralism of America. Also asks how Asian American and non-Asian American practitioners of these religions have changed the way that religion is practiced in India and other parts of Asia.

**AAA 207. Asia and Globalization.** (3) The Asian-Pacific region is one of the most dynamic, complex, and challenging focal points of world today. In the past half century, many countries in Asia have undergone significant political, economic, social, and cultural changes, which are tightly intertwined with the concepts and tenets of globalization. With countries such as China and India on the rise, and global superpowers such as Russia and Japan encountering their own modern challenges, the Asian continent has been facing a transformation that is at once a response to globalization and itself a powerful force influencing global community. Accordingly, the course highlights cross-cultural values through a comparative lens of Asia and globalization, and aims to study recent transformations in Asia and their impact on its own future and the world. The study will be framed both in the Asian internal context and in the external context of globalization. The course specifically focuses on, though is not limited to, how external global influence and the internal cultures of major Asian countries interact with each other in ways that uniquely mark and inform the economic, social, religious, educational, and cultural transformations in Asia.

**AAA/PSY 210. Psychology Across Cultures.** (3) A topics course, focused on the examination of culture and cultural perspectives, within the United States and globally, as frameworks through which theories and findings of the field of psychology may be critically evaluated. *Perequisite:* PSY 111.

**AAA/ENG 269. Colonial & Postcolonial Literature.** (3) Introduction to postcolonial literature and theories of colonial and postcolonial identity.

**AAA/ENG/WGS 351. Cultural Politics of Gender and Sexuality in Asian/America.** (3) Intensive interdisciplinary study of imaginative representations of the encounters between "Asia" and "America," broadly conceived, particularly the entangled relations among their diverse constituencies in the contexts of colonialism and globalization. Key topics include feminist critique of gendered violence and human rights issues; Euro-American militarism and sex tourism; the emergence of new categories of sex, gender, and kinship as lived experiences mediated by transnational consumer culture and institutional structures;

masculinity and Asian diasporic nationalisms; pan-Asian movements against racism, colonialism, and neoliberalism both in Asia and the U.S.; and the emergence of new critical, artistic and aesthetic practices.

**AAA 410. Asian/Asian American Studies. (3)** In-depth examination of political-economic relations, historical and sociocultural formations, ethno-linguistic, rhetorical, and religious practices, and literary and artistic representations connecting and affecting Asia and communities of Asian descent in the U.S. and in the diasporas.

**AMS 205. Introduction to American Cultures. (3)** This course explores what it means to be “American.” As an introduction to the interdisciplinary study of American cultures and identities, past and present, it examines key ideas, events, texts, images, objects, places, and other reflections of American cultures and identities. Students will consider how the meaning and significance of America and American identity has been defined, discussed and debated from multiple perspectives.

**AMS 207. America: Global and Intercultural Perspectives. (3)** Explores the local dimensions of globalization by focusing on how global networks and practices affect life and culture in the United States. Students examine the theoretical and practical questions associated with membership in local communities, in the US as a nation-state, and in the global community at large.

**AMS/FST/ITL 222. Italian American Culture. (3)** Survey and investigation of the history of Italian immigration in America, the development of Italian American communities across the land, and the contributions that Italian Americans have made to American society and culture. Taught in English.

**AMS/REL 241. Religions of the American Peoples. (3)** American religious pluralism and the experience of minority peoples such as Roman Catholics, Jews, and Eastern Orthodox. Emphasis on historical, social, and cultural themes. Readings in fiction and autobiographical writings.

**AMS/AAA/ENG 248. Asian American Literature. (3)** Survey of Asian American writing (including the novel, poetry, drama, nonfiction, etc.) from the early 20<sup>th</sup> century to the present. Addresses immigration experiences, growing up in America, and writing as cultural expression. Course uses an interdisciplinary approach to the study of literature, drawing on history, sociology, ethnic studies, and current trends in American literature studies.

**AMS 301. American Identities. (3)** Focusing on a specific theme, topic or issue, the course explores social and cultural identity, intercultural exchange, and public culture in the United States. The course connects theory and practice through collaborative and interactive research and learning in American Studies. Approaches include service learning, field research, experiential learning or applied research.

**AMS 302. Immigrant America. (3)** Examination of US immigration and emigration in historical and contemporary perspective. Using a transnational lens, the course explores a range of topics related to American culture, identity, politics, and history in the context of the growing global interconnectedness.

**AMS 305. American Icons. (3)** American Icons are objects, images, and symbols of identification, which represent the United States and are associated with the idea of America both at home and in the global world. The significance of American icons derives not solely from their own internal qualities, but often from the qualities and ambitions that they have come to represent for others. Through a critical examination of their creation, dissemination, and legacies, this course explores the variety of meanings that these figures and symbols have come to represent. Central themes include the relevance of the past for the present, varieties of cultural representation, the impact that different forms of representation have on their content, and the coherence of American culture.

**AMS/REL 342. Religious Pluralism in Modern America. (4)** Historical and cultural analysis of religious communities of the US of primarily non-European origin. Includes African American, Native American, Latino, Middle Eastern and Asian traditions, including Islam.

**AMS/ENG 348. Ethnic American Literatures. (4)** Intensive introduction to theories of race, ethnicity, and identity through the study of American literature by ethnic minorities.

**AMS/HST/WGS 382. Women in American History. (3)** Survey of the history of women’s lives and roles in American society from the colonial period to present. Emphasis on examining women’s individual and collective roles in private and public spheres and on exploring how specific economic and political transformations have affected women’s lives.

**AMS/HST/WGS 392. Sex & Gender in American Culture. (3)** Examination of change over time in the construction of sexual norms, attitudes, and behaviors in American culture, as well as of gender roles. Covers the period just prior to the Indian-European encounter to the present.

**ARC 107. Global Design. (3)** Introduces the role and influence of design on people and environments within a contemporary global context. Open to students in all majors.

**ARC 188. Ideas in Architecture. (3)** Study of the relationship between architecture and the cultural, social, and environmental contexts in which it exists through selected historical and contemporary examples. Primarily intended for non-majors; does not meet departmental requirements.

**ARC 212. Principles of Environmental Systems. (3)** Understanding of the basic principles that inform the design of environmental and structural systems and their integration into building design. Corequisite: ARC 211 and ARC 201 or 203; co-requisite and prerequisite waived for non-majors.

**ARC 221, 222. History of Architecture I, II. (3, 3)** Thorough and systematic survey of the history of architecture, urban design, and allied arts across global contexts. Non-majors welcome.

**ART 162. Arts of Africa, Oceania and Native America. (3)** This course is a survey of the visual and performed arts of Africa, Oceania and Native America. These regions and their arts, often relegated to the constructed category of “non-Western,” will be considered from their religious, political, historical and cultural contexts. The course also explores the Western bias inherent in the study of “non-Western” art, providing students with a broader understanding to the ways in which cultures from around the world produce, employ and conceptualize what the West has conventionally label as “art.” In examining sculpture, multi-media installation, festivals, masquerade, textiles, dress, ritual spaces, international artists and many more, students are exposed to alternative ways of looking at and

understanding visual and performed expression.

**ART 181. Concepts in Art.** (3) Introduction to visual and thematic concepts as applied to art in various cultures and historical periods. Offered only on the regional campuses.

**ART/AMS 183. Images of America.** (3) Investigating the power and influence of visual art imagery, either about, targeted to, or made by diverse segments of historic and contemporary American society and how this imagery has helped or hindered our coming together as a diverse nation. Explores the use of art stereotypes as a basis for evaluation, how visual components help define culture, the decoding of cultural codes and how the idea of taste and aesthetics influences the way we see ourselves and others. Offered only on the Middletown campus.

**ART 187. History of Western Art: Prehistoric-Gothic.** (3) Historical survey of Western art, including development of concepts necessary for analysis and appreciation of great works of art.

**ART 188. History of Western Art: Renaissance-Modern.** (3) Historical survey of Western art, including development of concepts necessary for analysis and appreciation of great works of art.

**ART 189. History of Western Dress.** (3) Provides an overview of Western dress from ancient times to the present. Emphasis on the social and cultural factors that have influenced the evolution of dress for both men and women.

**ART 195. Introduction to Art Education** (3) Thematic approaches to art education will be discussed and applied through personal artmaking, lesson planning, and experiences in community and school settings. Field experience hours required. Can be taken with ART 295 or ART 296.

**ART 233. Global Perspectives on Dress.** (3) This course is designed to provide the student with an overview of the study of dress. The emphasis will be on the relationship between dress and its meaning in a variety of cultures. Dress in its physical and social environments and as an art form will be examined.

**ART 256. Design, Perception, and Audience.** (3) An introduction to perception and audience issues for the artist/designer and those interested in art/design, to learn how audiences perceive, receive and react to visual messages. Universal design principles, usability, learning theory, communication theory and semiotics are discussed.

**ART 276. Introduction to the Art of the Black Diaspora.** (3) Introduces visual arts produced by black artists in Africa, the U.S., and the Black Diaspora. Examines seminal creative ideas, philosophies, and movements and focuses on the work of key artists in analyzing the contextual significance of art in society.

**ART 283. Modern America.** (3) A chronological survey of 20th-century American art and visual culture that examines how modern artists challenged traditions of making art and the structure of the art world and addressed issues of gender, race, and class. Explores works of art and visual representation that shaped and reflected culture through the lenses of patriotism, politics, and progress.

**ART 286. History of Asian Art: China, Korea, and Japan.** (3) Introduction to major artistic traditions of China, Korea, and Japan. Emphasis placed on understanding the cultural foundations of Bronze Age art in East Asia, the impact of Buddhism in the region, and later painting and ceramic traditions.

**ART/BWS 335. Arts of West Africa.** (3) Examines the visual and performed expressions of West Africa, spanning from centuries-old archaeological sculpture to contemporary art and artists working today. Due to Africa's long and layered history with neighboring regions and global interactions, it also addresses connections to North Africa, the trans-Saharan trade network, the trans-Atlantic slave trade, Diaspora cultures and international artists who identify with West Africa. West Africa is well known for its rich artistic culture: wooden sculpture, masquerades, ritual, elaborate textiles, dress, ceramics, architecture, metalwork, multi-media installation, beadwork, festivals and many more. Explores these artistic genres, learning about the role of art in the lives of the people who make and use it.

**ASO 201 Introduction to Applied Social Research** (3) Social scientists (anthropologists, geographers, psychologists, sociologists, etc.) conduct empirical research in order to explain our social world. ASO 201 is the first course in a sequence of three foundational courses that will provide students with the knowledge and skills they need to design, conduct and interpret applied social research. Students gain an overview of the multiple theoretical approaches guiding social research. They will examine approaches from multiple social science disciplines to explore, understand, and implement practical solutions to important social issues.

**ATH/FST 135. Film as Ethnography.** (1) Explores anthropological approaches to the study of human diversity and variation through the lens of ethnographic and documentary films. Exposes students to basic concepts in anthropology including cultural and linguistic relativity, globalization, and representational practices.

**ATH 145. Lost Cities & Ancient Civilizations.** (3) Archaeological and anthropological approaches for understanding human cultural, social, and ecological adaptations in global prehistory. Examines similarities and differences among prehistoric peoples and civilizations and their global contexts and interconnectedness in terms of political economy and social organization; technologies, engineering, and environment; and religion and symbolic systems.

**ATH 155. Introduction to Anthropology.** (4) Introduction to anthropology with emphasis on understanding the social and biological contexts of human life. Topics include the biological and cultural origins of humanity, prehistory, and cultural diversity.

**ATH 175. Global Cultural Diversity.** (3) Provides an appreciation of human cultural, social, and linguistic variation around the world and through time. Develops anthropological and ethnographic approaches to understanding cultural differences and similarities in political, social, and economic organization; marriage and family patterns; environment and beliefs systems; and other aspects of globalized human cultural life.

**ATH 185. Cultural Diversity in the U.S.** (3) Anthropological and ethnographic approaches to the study of cultural, social, and linguistic variation in the United States, its territories, and borderlands. As an introduction to cultural anthropology, the course provides a foundation for understanding historical and contemporary contexts related to globalization and diaspora; ethnic, racial, and class identities; political economy and environment; belief systems; and ethnographic methodology.

**ATH/ENG/GER 219. Introduction to Linguistics.** (3) Scope of linguistics: fundamental concepts and methods of linguistic science in its descriptive and historical aspects.

**ATH/HST/POL/REL/RUS 254. Introduction to Russian and Eurasian Studies.** (3) Examines the major developments that have shaped Russian and Eurasian culture, society and politics over the last millennium. The course incorporates perspectives from the social sciences, humanities and the fine arts.

**ATH 304. Native North America: Anthropological Perspectives.** (3) Critical and interdisciplinary approaches to the anthropological and ethnographic study of the Indigenous peoples of North America, including examination of the multifaceted cultures, histories, and identities of contemporary Native American/First Nations communities. Topics include sovereignty and interdependence, colonization and resistance, linguistic and cultural vitality, and expressive culture and representational practices.

**ATH 307. The Middle East: Anthropological Perspectives.** (3) Survey and analysis of various cultural groups in contemporary Southwest Asia and North Africa.

**ATH 313. Latin American Archaeology.** (3) Explores the archaeology of Central and South America through topics such as the Aztec temples, Maya hieroglyphs, and Inka Imperial roads. Students learn about Latin America from the first people to European colonialism and beyond through scientific investigation and hands-on work with artifacts.

**ATH 358. Travelers, Migrants and Refugees: Transnational Migration and Diasporic Communities.** (3) Explores global flows of people across national and cultural boundaries; investigates ways dispersed people build and maintain social networks, communities, and identities.

**ATH 361. Language and Power.** (3) Explores the role of linguistic performance, verbal art, and other communicative practices in negotiating power and disparate access to opportunities and resources within and among social groups. Special attention will be given to how identities, ideologies, and worldviews are linguistically created, recreated, and challenged in global contexts.

**BIO 101. Biotechnology: Coming of Age in the 21<sup>st</sup> Century.** (3) An introduction to biotechnology. The course provides an in-depth examination of new developments in biotechnology. Scientific concepts, applications, and social, ethical, and legal issues are emphasized.

**BIO/MBI 115. Biological Concepts: Ecology, Evolution, Genetics, and Diversity.** (4) Integrated study of microbes, plants, and animals, emphasizing biological diversity and interdependence of life and environment. 3 Lec. 1 Lab.

**BIO/MBI 116. Biological Concepts: Structure, Function, Cellular and Molecular Biology.** (4) Biological principles common to microbes, plants, and animals, including interactions between organism and environment. 3 Lec. 1 Lab.

**BIO 121. Environmental Biology.** (3) Local, regional, and global environmental issues examined in the context of current ecological theory and principles of resource use and management. Weekly discussion period provides opportunity for interaction. Not open to Biology, Botany, or Zoology majors.

**BIO 126. Evolution: Just a Theory?** (3) This course is a critical examination of the evidence and principles of evolution and the nature of science designed for non-science majors and those considering majoring in natural sciences. It emphasizes the relevance of evolutionary biology to our lives and society as a whole.

**BIO 131. Plants, Humanity, and Environment.** (3) Introduction to fundamental concepts in plant biology, ecology, and scientific perspective as they relate to issues of social concern.

**BIO 155. Field Botany.** (3) Field/laboratory-oriented, interpretive introduction to botany in the regional out-of-doors. Emphasis given to identification, uses, habit, habitat and communities of plants, and fungi in the context of local terrestrial and aquatic environments. 1 Lec. 2 Lab.

**BIO 161. Principles of Human Physiology.** (4) Examines physiological systems of the human body. Lecture provides basic information regarding function of these systems from an integrative perspective. In laboratory, use hands-on approach and work in small groups to conduct experiments and/or carry out projects to illustrate the physiological concepts presented in lecture. Not open to Biology, Botany, or Zoology majors. 3 Lec. 1 Lab.

**BIO 171. Human Anatomy and Physiology.** (4) Study of the structure and function of the human body including basic cellular principles, embryology, reproductive system, endocrine system, and nervous system. Does not count toward the Biology, Botany or Zoology majors. (Offered at Hamilton and Middletown campuses). 3 Lec. 1 Lab.

**BIO 176. Ecology of North America.** (3) Basic principles of ecology, major biomes of North America, and pertinent environmental issues. Biomes range from tundra to tropical rainforest. Environmental issues include biodiversity, deforestation, desertification, and other land management problems, each analyzed from a scientific perspective but involving social, economic, and humanistic factors as well.

**BIO 191. Plant Biology.** (4) Consideration of how plant structure, chemical composition, and genetic makeup interact with growth, development, evolution, and metabolic processes of living plants. 3 Lec. 1 Lab.

**BIS/EGS 305. Integrative Writing in Global Contexts.** (3) Through this advanced composition course, students develop and exercise means to integrate multiple perspectives and disciplinary discourses through writing for global audiences. Readings focus on issues in diversity and intercultural communication, assignments involving various genres and disciplinary methodologies, and projects that analyze and integrate multiple forms of writing help students draw on their liberal learning to address real-world challenges in regard to diverse others and the interconnected global community.

**BIS 410. Advanced Special Topics Seminar in Integrative Studies.** (3) Topical offerings in integrative studies in emerging and established fields of interdisciplinary study such as Critical Animal Studies, Youth Studies, Area Studies, Critical Race Studies, and Environmental Studies. May be taken for credit more than once with different content and permission of the instructor.

**BWS 156. Introduction to Africa.** (4) A survey of Africa's varied and complex history and culture. It focuses on African geography, environment, history, economics, politics, as well as its rich cultural heritage. It approaches the study of Africa from a comparative historical and interdisciplinary perspective as well as situates it within the context of global developments.

**BWS/HST 221. African-American History.** (3) Survey of African-American history, concentrating upon the black experience in the United States. Black American from African origins to the 20<sup>th</sup> century.

**BWS 248. African-American Experience.** (3) Concentrates on a socio-historical analysis of the African-American experience. Purpose is to investigate and understand the interaction between race, power, privilege, institutional structures, and ideas associated with this experience in America; provides alternative perspective for viewing this experience.

**BWS/FSW/SOC 362. Family Poverty.** (3) Examines definitions, theories, causes and consequences of family poverty in the U.S. Identifies the extent and degree of U.S. poverty and demographic characteristics of those who are poor or likely to become poor. Consideration given to programs that reduce poverty and/or its negative effects, including those practiced in the past, those now practiced, and those that offer promise for improving the economic and social status of those who are poor. Costs and benefits of welfare and welfare reform and strategies for preventing poverty among future generations also discussed and evaluated. Prerequisite: FSW 295 or SOC 262.

**CCA 111. Innovation, Creativity and Design Thinking.** (3) Explores the roots of original thought and its role in the evolution of different areas of human endeavor. The course will present scientific and scholarly ways of understanding creativity, but will also engage students in a series of exercises to experience processes through a diverse range of media and project types. Team work, problem-solving and leadership skills will also be addressed, and students will both self-author and collaboratively author original concepts.

**CCA 121. Introduction to the Integrated Arts and Culture.** (3) This course will focus on learning basic arts vocabulary, concepts and principles, with an emphasis on those words and ideas that are common to all of the arts. Students will be exposed to the fundamental steps of the creative process that are integral to various artforms. This vocabulary and process will be examined in context through the historical and cultural study of a particular urban location. Co-requisites: CCA 221 and 321.

**CEC 266. Metal on Metal: Engineering and Globalization in Heavy Metal Music.** (3) This course addresses the linkages among heavy metal music, global culture and engineering developments. Heavy metal is a truly global popular music with major impacts from Europe, Asia, the Americas and beyond. Advances in various technologies have extensively influenced heavy metal, enabling some of its most defining characteristics. This course explores the interplays of technology, music and culture by integrating the powerful history of metal with an overview of the engineering impacts. Students will engage in demonstrations and discussions of the musical breadth along with the engineering technologies.

**CHI 251. Traditional Chinese Literature in English Translation.** (3) Chinese literature up to the end of the Qing Dynasty (1911). Introduction of unique features of Chinese literature, society and culture. Study selected classics in Taoism, Confucianism, and Buddhism, and masterpieces in fiction, poetry, and drama.

**CHI 252. Modern Chinese Literature in English Translation.** (3) Read selected representative works from mainland China, Taiwan, and Hong Kong, including fiction, poetry, criticism, and film. Lectures furnish the socio-cultural background to establish a framework for understanding and interpretation.

**CHI/JPN 255. Drama in China and Japan in English Translation.** (3) Provides historical overview of major traditional dramatic art forms of China and Japan: Zaju, Kunqu, Beijing Opera, Noh, Kyogen, Bunraku, and Kabuki. Critically treats and interprets theatrical conventions in each and attempts to clarify aesthetic significance.

**CHI 257. Chinese Satire.** (3) This course examines several significant works of satire in twentieth-century Chinese literature. Through class discussions, weekly writings and longer essays we will analyze techniques of satire in modern Chinese fiction, identify and assess the ways satirical works shed light on Chinese history, culture and society, and identify and explain the similarities and differences between Chinese and Western satire. Taught in English.

**CHM 111. Chemistry in Modern Society.** (3) For non-science majors. Considers both nature of basic chemical processes and ways that chemistry affects our society. Introduction to how scientists approach problems and make decisions. 3 Lec.

**CHM 111L. Chemistry in Modern Society Laboratory.** (1) Laboratory course for non-science majors. Students will explore basic chemistry principles that are relevant in everyday life through experimentation and data analysis. Critical thinking will be emphasized through inquiry-based activities. Emphasis will be placed on activities that develop quantitative reasoning skills, including data handling in context of case studies, and on the communication of scientific information through writing.

**CHM 121. Introduction to Forensic Chemistry.** (4) Integrated lecture and laboratory course for all majors that, by incorporating the exciting theme of forensic science, builds an appreciation for the underlying aspects of chemistry. The topics include paper chromatography of ink, soil analysis, synthetic and natural fibers, fingerprints, ions in urine, drug analysis, fire accelerants, blood alcohol determination, and microscopic hair analysis. Typically taught on the Middletown campus. 3 Lec. 1 Lab.

**CHM 131. Chemistry of Life Processes.** (4) Integrated lecture and laboratory course for non-science majors that relate basic inorganic and organic chemical processes to those of biochemistry. Explores the nature of atoms and molecules in terms of simple structures and reactions, and the more complex structures of biochemical molecules and their interactions with living systems. 3 Lec. 1 Lab. Prerequisite: introductory high school physical science and algebra or CHM 109.

**CHM 141. College Chemistry.** (3) General chemistry lecture course. Examines the fundamentals of atomic and molecular structure, chemical reactions and stoichiometry, properties of solutions, thermochemistry, gases, and chemical bonding. Students also develop ideas, experience, methodology, and skills used in the application of scientific methodology. Credit not given for both CHM 141R and 141. Prerequisite: one year of high school chemistry and a math sub-score of 22 on the ACT or 530 on the SAT, credit for MTH 025 or MTH 125 or MTH 151, or Miami Math Placement Test score of 8 or higher, or permission of instructor.

*Corequisite registration in CHM 144.*

**CHM 141R. College Chemistry.** (4) Coordinated lecture, recitation and lab (144) to develop ideas, experience, methodology, and skills used in the application of scientific methodology. Framework is consideration of fundamental principles of atomic and molecular structure, chemical bonding, properties of solutions, and chemical reactions. Gain skills in developing hypotheses, observing chemical phenomena, collecting data, and evaluating results critically. *Prerequisite(s):* one year of high school chemistry and math sub-score of 22 on the ACT or 530 on the SAT or higher, or completion of MTH 025 or Miami Math Placement Test of 8 or higher.. Credit not given for both CHM 141 and 141R. Corequisite course: CHM 144.

**CHM 144. College Chemistry Laboratory.** (2) Presents laboratory exercises to illustrate the fundamental principles of chemistry. An emphasis will be placed on safety, laboratory skills, techniques for simple quantitative measurements and the use of modern instrumentation for data collection and analysis. Students will also gain skills in developing hypotheses, observing chemical phenomena, collecting and sharing data and evaluating results critically. Corequisite registration in CHM 141 required.

**CHM 144M. College Chemistry Laboratory for Majors.** (2) Covers content similar to CHM 144. The focus of this laboratory course is for students with an interest in chemistry or biochemistry as a major. *Prerequisite:* high school chemistry or permission of instructor. *Corequisite registration in CHM 141M required.*

**CIT/CSE 262. Technology, Ethics, and Global Society.** (3) Inquiry into a wide range of information technology issues, from moral responsibilities affecting computer professionals to wider ethical concerns associated with information technology in day-to-day living. Topics include general aspects of ethics, common ethical theories, professional codes of ethics in IT; privacy, security, and reliability in using computer systems and the Internet, issues and responsibilities in Internet usage; legal issues in IT; global perspectives of computing issues; and general problems related to ethical and responsible computing. Not open to first-year students. *Prerequisite:* ENG 109 or ENG 111.

**CJS 101. Introduction to Criminal Justice Studies.** (3) Offers an overview of America's criminal justice system, with an emphasis on the development, functions, and current issues/problems facing the current criminal justice system. Course specifically focuses on the history, roles, and present state of the police, courts, and corrections.

**CLS 101. Greek Civilization in the Mediterranean Context.** (3) Exploration of ancient Greek civilization, from pre-Homeric to Hellenistic times, presented within a broad framework of cultures with which Greece interacted in the Mediterranean basin. Various aspects of Greek civilization are highlighted including history, politics, economics, society, art, science, philosophy, and literature.

**CLS 102. Roman Civilization.** (3) Exploration of the legacy of ancient Roman civilization from its legendary beginning through the Republic to the Empire at its greatest extent. Various aspects of Roman civilization highlight the Roman experience including history, literature, philosophy, political and social institutions, religion, art, and the unique ability of Rome to assimilate Greek and other cultures.

**CLS 121. Introduction to Classical Mythology.** (3). Introduction to Greek mythology. Presentation, explanation, and interpretation of myths within representations of mythology, as well as comparative study of non-Greco-Roman myth.

**CMR 106. Introduction to Business and the Economy.** (3) Introduction to various functional areas of business and everyday business and economic principles and problems including consumer choice, supply and demand, money, banking system, investment growth, inflation, government policy, taxes and employment.

**CMR 117. Personal Finance: An Introduction.** (3) Introductory course in managing your money to become more knowledgeable about personal finance, thereby enabling you to make wiser financial decisions. Topics include: career planning, financial tools, budgets, income taxes, checking and savings accounts, building good credit, credit cards and loans, vehicles, homes and other major purchases, managing health expenses, insurance, investments, retirement and estate planning.

**CMR 244. Introduction to Global Business.** (3) The globalization of the U.S. economy significantly impacts both organizations and their employees. Business opportunities and career paths that once seemed assured, no longer are. This course analyzes how businesses and individuals compete in the new global economy.

**CMR 282. Computer-Based Business Analysis.** (3) Practical applications of analytical tools for managerial decision-making using Microsoft Excel. Advanced formatting, charting, functions, formulas and data organization are covered. Emphasis on presentation and analysis of data.

**CRE 151. Introduction to Black World Studies.** (4) Introduces the Afrocentric perspective as it has developed in anthropology, history, political science, geography, sociology, religious studies, mass communications, theatre, art, etc. Covers theories, research, methodologies, and practice of Africana studies. Students develop historical and contemporary understanding of the African diaspora.

**CSE 151. Computers, Computer Science, and Society.** (3) Perspective on potential and limitations of computing technology. Topics include problem-solving in computing, computers as thinking machines, and the impact of computing on societies. Exposes students to programming languages and various computer tools. Not open to CSE and ISA majors.

**CSE 163. Introduction to Computer Concepts and Programming.** (3) Introduction to computers in data processing, survey of various hardware and software concepts, and analysis and solution of problems by computer programming. Lecture/laboratory, project-oriented course to provide numerous opportunities to analyze problems, formulate alternative solutions, implement solutions, and assess their effectiveness. Solutions implemented via a structured programming language. No prior knowledge of computer concepts or programming assumed. *Prerequisite:* high school algebra and trigonometry.

**CSE 243. Problem Analysis Using Computer Tools.** (3) Students will learn to use personal computer productivity tools to analyze data, work with others in conducting analyses, develop conclusions and effectively communicate results. Students will utilize spreadsheet tools to analyze data and will be challenged to evaluate data from multiple perspectives in order to develop conclusions supported by their analysis. Students will use word processing tools to integrate text and graphical information that clearly and concisely communicates their conclusions. While an important part of the course is learning to use the software tools, the emphasis of the course is learning to use these tools to solve problems and communicate results.

**DST/EDP/SOC 272. Introduction to Disability Studies.** (3) Explores the link between the social construction of disability and that of race, class, gender, ethnicity, and sexual orientation as they pertain to social justice in a multicultural and democratic society. Promotes critical analysis of dominant and nondominant perspectives on disability.

**DST/EDP/SOC/WGS 375 (Dis)Ability Allies: To Be or Not To Be? Developing Identity and Pride from Practice.** (3) Explores what it means to be ally to/in/with the disability community in America. The course emphasizes identity formation and how that formation can inform the construction of the ally identity. Through deconstructing learned values, knowledge, and images of disability that mitigate ally behavior, students discover the micro and macro structures that support ally behavior. By exploring how social control and social change have worked in other civil rights movements, students understand the necessity of identifying and including allies in the disability movement.

**ECO 131. Economic Perspectives on Inequality in America.** (3) Introduction to economic perspectives on inequality in the United States, particularly the relationship between inequality and population diversity. The role of the market and of public policy in generating, transmitting, and ameliorating inequality. Dimensions of inequality include earning inequality, poverty, and unequal access to education and health care. Dimensions of diversity include race, ethnicity, gender, age, socioeconomic class, immigration status, and sexual orientation.

**ECO 201. Principles of Microeconomics.** (3) Nature and scope of microeconomics, including the role of the market in resource allocation, the role of competition, the forces governing the distribution of income, and the role of foreign trade in economic welfare.

**ECO 202. Principles of Macroeconomics.** (3) Analysis of the determinants of output, prices, employment, and interest rates. Includes long-run behavior of the economy, business cycle theory, monetary system, stabilization policy, and international finance.

**ECO 356. Poverty and Income Distribution.** (3) Application of economic analysis to poverty, income inequality, and factor shares. Discussion of determinants of earnings, including education, ability and discrimination. Analysis of efficiency and costs of programs to reduce poverty such as minimum wages, cash transfers, and in-kind transfers. *Prerequisites:* ECO 201 and ECO 202.

**EDL 203. Introduction to Critical Youth Studies.** (3) Overview of Critical Youth Studies which allows class participants to explore and appreciate their identities, to develop an awareness of issues affecting different populations of youth, and to learn a variety of tools for self-expression and activism. This curriculum draws from key fields in youth studies to provide students with a multidisciplinary and layered understanding of youth. EDL 203 foregrounds underrepresented voices and bodies that have been invisible and/or marginalized within the study of youth, specifically, and U.S. society, generally.

**EDL 204. Sociocultural Studies in Education.** (3) Introduction to the field of social foundation of education using a cultural studies approach to investigate selected educational topics.

**EDL 232. Introduction to Community-Based Leadership.** (3) Introduction to Community-Based Leadership explores theories and practices of leadership in public institutions and communities. Students critically examine three concepts central to community-based leadership: public, leadership, and democracy. Using the scholarship of leadership studies and civic engagement, students explore what it means to work in public life and lead for the public good in local, national, and international contexts. Students accomplish these goals through readings, class discussions, analytical and reflective writing, and community-based learning experiences connecting theory with practice. The course will help students develop their own vision and plan for participating in community-based leadership as Miami students and as engaged citizens.

**EDP 101. Critical Issues in the Psychology of the Learner.** (3) Critical investigation of issues, theories, and principles related to the nature of the learner and learning process, including such topics as psychological methodology, perception, cognitive processing, personality, and social dynamics, within the context of historical, social diversity, and cross-cultural perspectives. Credit not granted to students who have earned credit for PSY 111.

**EDP 201. Human Development and Learning in Social and Educational Contexts.** (3) In-depth examination of theoretical issues and principles of human development and learning, including developmental changes, motivational and learning processes, exceptionalities and other individual differences, and dynamics of social groups. The ways human development and learning can be fostered within diverse social and educational contexts and the interactive influences of contextual differences on direction and nature of these processes are a major focus for systematic inquiry. This is a "hybrid" class with a combination of online classes and assignments paired with weekly meetings.

**EDP 256. Psychology of the Exceptional Learner.** (3) Critical analysis of human beings considered exceptional (outside the norm) in learning and behavior. Topics include inter- and intra-individual differences comprising exceptionalities, issues surrounding identification and classification of individuals, society's responses to exceptional individuals, and societal challenges to develop the human potential of all persons.

**EDP/DST/SOC 272. Introduction to Disability Studies.** (3) Explores the link between the social construction of disability and that of race, class, gender, ethnicity, and sexual orientation as they pertain to social justice in a multicultural and democratic society. Promotes critical analysis of dominant and nondominant perspectives on disability.

**EDP 279. Technology + Media Literacy and Learning.** (3) Technology + Media Literacy and Learning fosters technology and media literacy for undergraduate students in teacher preparation programs. This course focuses on fostering knowledge in skills and integration of technology tools, media and digital resources for teaching and learning.

**EDP 366. Cross-cultural Examination of the United States and China within an Educational Context.** (3) This course is designed for students to gain basic knowledge, including both similarities and differences, revolving about China and America, in an educational context. The goal of this course is to help students broaden their knowledge about varying cultures in order to better understand how teachers can best help students learn and grow. The students will gain a deeper understanding of China and America and what each country faces in the years to come. Students will focus on the challenges and opportunities each culture provides to individuals through examining similarities and differences. Students will explore different culture related topics and come to a conclusion regarding their pre and post conceptions of the topic. Students will explore and research one topic more in depth to prepare for a research paper.

**EDT 181, 182. Physical Science.** (4, 4) Introduction to fundamental concepts and principles of physics, chemistry (181) astronomy, meteorology, and earth science (182). Basic and integrated processes of science as well as science concepts introduced and related to societal problems to promote understanding and interaction within a technological society. Encouraged to think critically, understand contexts of knowledge, and participate in scientific enterprise. Required for early childhood education majors. 3 Lec. 1 Lab.

**EDT 202. Global Childhood Education: Diversity, Education & Society.** (3) This course focuses on increasing awareness, sensitivity, and understanding of the diverse cultural, ethnic, linguistic, religious, and family backgrounds of children in education from broader perspectives. It provides students with an opportunity to explore the multicultural American society as well as the global communities. It starts by learning about ourselves that is a basic foundation to understand and respect others. It also offers a chance to see, feel, and think in a different way than we have ever had before. Such mental, emotional, and intellectual "bothering and challenging" is consistently planned and encouraged in this course in order to reexamine our taken-for-granted assumptions and expectations. This course discusses the critical issues by connecting them to application into educational practice and settings. Therefore, it attempts to incorporate the various meanings and concepts of social justice, equality, multiculturalism, diversity and globalization and internationalism into education.

**EDT 205. Race, Cultural Diversity, and Equity in Education.** (3) This course will explore the complex relationship between race, cultural diversity, and inequity in education. It will interrogate the idea and construction of "race" and will examine how racial inequities are produced, maintained, and resisted in educational institutions. It will attend to diversity within groups by considering the dynamics of race as it intersects with gender, class, sexuality, dis/ability, language, and religion. The course will also analyze the historical and ongoing exclusion and marginalization of minoritized groups, and the hegemonic dominance and normalization of whiteness in education policies, curriculum and pedagogy, assessment and achievement, teacher and student identities, school and classroom spaces, and family and community engagements.

**EDT 221. Teaching English Language Learners in PK-12: Culture & Second Language Acquisition.** (3) The first of three sequenced courses in the Teaching English Language Learners (TELLS) certificate, EDT221 TELLs in PK-12: Culture & SLA provides the theoretical foundations necessary for PK-12 teachers to work successfully with English Language Learners (ELLs) in the mainstream classroom. A field experience component, coupled with comprehensive case study assignments, enables teachers to obtain real-word understanding of the cultural and language development issues facing ELLs, their families and their teachers in schools.

**ENG 108. U.S. Cultures & Composition for Second-Language Writers.** (4) For students who need further work in English before enrolling in college composition. May be used as an elective, but not to meet the Miami Plan or the College of Arts and Science requirements.

**ENG 109. Composition and Rhetoric for Second-Language Writers.** (4) Adaptation of ENG 111 for non-native speakers; satisfies in part the Miami Plan requirement of composition.

**ENG 111. Composition and Rhetoric.** (3) Study and practice of effective explanatory, expressive, and persuasive writing.

**ENG 122. Popular Literature.** (3) Exploration in detail of one genre of popular literature. Possible subjects include detective fiction, science fiction, the western, and the romance novel. Special attention given to why a culture invests in popular genres.

**ENG 123. Introduction to Poetry.** (3) Exploration of the wide range of literature and oral performance called poetry. Study of critical terms used to discuss and write about poetic conventions, forms, and sub-genres.

**ENG 124. Introduction to Fiction.** (3) Study of basic characteristics (narrative design, character, point of view, style, and tone) and essential forms (short-short story, story, novella, and novel) of the genre of literary fiction.

**ENG 125. Introduction to Drama.** (3) Critical analysis of dramatic literature from the ancient Greeks to modern performance art, using dramatic structure and theory to read play texts as productions of their cultural contexts.

**ENG 129. Books You Need to Read.** (3) Introduction to Literature through formal analysis of major works by authors such as William Shakespeare, Jane Austen, Mark Twain, and Toni Morrison. Designed for non-majors. Texts and authors vary.

**ENG 134. Introduction to Shakespeare.** (3) Introduction to Shakespeare's works. Gives students who are new to collegiate-level literary studies an overview of the range of Shakespeare's works and the variety of approaches to those works. *Prerequisite or co-requisite: Composition and Rhetoric.*

**ENG 163. Literature and Travel.** (3) Study of travel literature from a range of periods and genres. Topics of study include the relation of individual and national identity; imperialism and cultural relativity; the invention of geography; and the politics of tourism.

**ENG/DST 169. Disability and Literature.** (3) This course studies the construction of disability identity in literature, personal memoir, and popular culture by investigating how texts that feature disability question notions of "normalcy" and "deviancy." It emphasizes interdisciplinary understandings of disability in historical and contemporary frameworks.

**ENG/IMS 171. Humanities and Technology.** (3) Introduction to methods of thinking used in humanities disciplines (literature, history, philosophy, classics, etc.), computer technologies, and their relationship. Practical skills (web page making; research on the Internet) and analytical skills (how to tell good information from bad) combined with theories about the Information Society.

**ENG 201. Special Topics in Language Awareness.** (3) Introduces various ways of looking at language: sociological, psychological, and formal. Students study how language plays a role in every human activity, from gender and racial stereotyping to the development of automata.

**ENG 202. Varieties of American English: Dialect Diversity & Language Culture.** (3) This interactive course focuses on varieties of English within the context of diverse cultures in the United States. Primary topics include: linguistic diversity, language change, gender differences in language use, language (use) and social

class, attitudes toward language as well as examination of specific varieties of English such as African American English, Appalachian English, Native American English, Vietnamese American English, English spoken by persons of Latin American descent, Hawaiian Pidgin English, Gullah, Louisiana Creole, and others.

**ENG/FST 220. Literature and Film.** (3) Study of the relationship between film and genres of literature, focusing on a comparison of techniques of rhetoric, fiction, and drama and those of film. Primary consideration given to film adaptations of works of fiction and drama. Extensive screenings of films May be repeated once when topic changes.

**ENG/FST 221. Shakespeare and Film.** (3) Study of selected plays of Shakespeare that have been filmed. Students read plays and view one or more versions of each play.

**ENG/WGS 232. Women Writers.** (3) Introduction to women's writing in English. Readings may include poetry, drama, fiction and non-fiction by women writers from various historical periods and national traditions.

**ENG/IMS 238 Narrative & Digital Technology.** (3) Applies to digital games those notions about narrative structure and character development that have evolved in literature. Students will explore digital art as literary critics, asking whether games are "art" and analyzing how post-modern literary/digital art participates in globalization. Students compose narratives in writing as well as 3-D graphics.

**ENG/AMS 246. Native American Literature.** (3) Survey of published Native American fiction, poetry, memoir, drama and non-fiction from the mid-19<sup>th</sup> century to the present. Explores cultural contexts and emphasizes an interdisciplinary approach that includes historical, sociological and anthropological as well as literary perspectives.

**ENG 251 Introduction to European Literature.** (3) Introduction to the masterpieces of European literature, its creation stories, its epic heroes and heroines, its infamous loves and equally infamous deaths. From these literary works, you will gain a sense of the variety of human experiences across time and cultures and broaden your understanding of literary purpose.

**ENG/LAS 254. Caribbean, Latin American and Latinx Literatures.** (3) Study of fiction, poetry, and non-fiction writers from Latin America, the Greater Antilles (Cuba, PR, DR, Haiti, and Jamaica) as well as from the lesser Antilles islands, and Latinx communities in the US including Chicano/a, Cuban American, Puerto Rican, and Central American..

**ENG 272, 273, 274. English Literature to 1660; English Literature 1660-1900; English Literature 1901 to Present.** (3, 3, 3) Selected major texts and issues in English literature and culture from the beginning to 1660, including *The Civil War* and *Paradise Lost*, with attention to historical context reflected in religious, philosophical, political, and social perspectives and issues such as gender, class, ethnicity, and canon formation; British literature from 1660 to 1901, with attention to issues of class, race, and gender in the context of accelerating economic, social, environmental, political, and religious change; to developments in education, psychology, philosophy, science, and technology; and to relations with other literatures and arts; selected British fiction, nonfiction, poetry, and drama from 1901 to present with special attention to the impact on literary imagination of two global conflicts and loss of Empire.

**ENG 275, 276. American Literature to 1900; American Literature 1900 to Present.** (3, 3) Introduction to multiplicity of voices in American culture as expressed in literary texts written in and about America: from colonial period to 1900; 1900 to present.

**FAS 281. Contemporary Fashion History.** (3) Beginning with the Industrial Revolution and continuing to 2010, this course provides an in-depth study of prominent fashion designs, designers, and the global influences that represent each era, as well as the psychological, social, and economic events that have shaped contemporary fashion. This course addresses the concept of historic continuity in fashion by examining the repetition of dress styles from ancient cultures to the appropriation of dress elements from non-Western sources. The course analyzes the influence of Asian, Middle Eastern, African, and South American culture on contemporary Western dress and includes the examination of garments from the Miami Historic Costume Collection and the Miami Art Museum.

**FRE 131. Masterpieces of French Literature in Translation.** (3) Accessible introduction to French culture through the study of selected examples of significant works in literature and the arts (understood in a broad sense). Works are examined in their social, historical, and ideological contexts and cover the period from the Middle Ages to the mid-20th century. All readings in English translation.

**FRE 202. Critical Analysis of French Culture.** (3) Second-semester, intermediate French course addresses literary and cultural issues through the study of short stories, poetry, film, journalism, and advertising. Works represent several French-speaking countries. Because texts, discussion, and compositions are in French, students continue to develop speaking, listening, reading, and writing skills. *Prerequisite: FRE 201 or placement exam score.*

**FST 201. Film History and Analysis.** (3) Introduction to basic principles of cinematic form and to major movements and issues in the history of cinema. Primary emphasis given to principal methods of critical thinking in film studies, from close analysis of formal and stylistic elements in a single film to more global ways of understanding and interpreting films within their aesthetic, social, historical, and political contexts. Includes screenings of representative films, lectures, discussions, group activities, papers, and exams.

**FST/IDS 206. Diversity and Culture in American Film.** (3) Analysis of the representation of diversity and culture as portrayed in American motion pictures.

**FST 282. Sexualities and Film.** (3) Exploration of film representations of diverse sexualities (e.g., gay, lesbian, bisexual, and transgendered) from the silent era to the present.

**FSW 142. Exploring Helping Professionals.** (3) The course provides an introduction to various helping professions. Students will explore the history of the helping relationship, the professionalizations of helping, and current influences of technology, managed care, and models of service delivery on professional helping. Students will examine characteristics of a helping professional, two major approaches to helping, and techniques for self-care and managing interpersonal relationships.

**FSW 206. Social Welfare Policies and Programs.** (4) The purpose of this course is to critically analyze historical and current interactions of social welfare policies, programs, and services. The course addresses the nature and impact of policy decisions on social welfare of individuals, families, groups, organizations, and communities. Special attention will be given to disenfranchised, oppressed, and impoverished populations. Students acquire beginning skills in policy practice and advocacy.

**FSW 245. Children and Families: Ages Conception – 12.** (3) Students in this course will examine the developmental contexts and theoretical perspectives of working with children and families. They will conduct in-depth analyses of the complex relationships between school, community and family resources in an educational setting.

**FSW 261. Diverse Family Systems Across the Life Cycle.** (3) Introduction to and survey of the diversity of family systems. Emphasizes the North American experience while drawing upon global understandings. Covers the nature of family systems and how these may vary by social class, ethnicity, urban-rural residence, and other aspects of sociocultural context. Stresses how family systems change across their life span, as well as how individuals experience different family systems in their life spans.

**FSW/WGS 361. Couple Relationships; Diversity and Change.** (3) Investigation of intimate couple relationships in their many diverse forms. Focuses on social and psychological factors influencing development and maintenance of such couple relationships as dating, cohabitation, and marriage. General principles are discussed as well as factors that are more specific to certain age groups, relationship types, or sociocultural settings. Prerequisite: Three hours of social science.

**GEO 101. Global Forces, Local Diversity.** (3) Application of geographic concepts to patterns and processes of economic, political, and cultural changes at global, regional, and local scales.

**GEO 111. World Regional Geography: Patterns and Issues.** (3) Introduction to world geography emphasizing regional approach and comparisons; combines analysis and synthesis of characteristics distinctive to each principal culture realm; focuses upon selected topical issues involving ethnic, political, economic, social, and environmental aspects.

**GEO 121. Earth's Physical Environment.** (4) Study of the earth's physical environment, using systems approach to understand energy and material cycles, global circulation, and temporal dynamics. Focus on influence of physical processes on spatial patterns and on interrelationships of the atmosphere, soils, vegetation, and landforms. 3 Lec. 1 Lab.

**GEO 122. Geographic Perspectives on the Environment.** (3) An introduction to physical geography that enables class participants to understand and interpret the environmental conditions of any geographic locality on earth. Special emphasis is placed on understanding relationships between geographic patterns and processes in the atmosphere (weather and climate), biosphere (vegetation and soils), and lithosphere (landforms). With knowledge of global physical environments, it is possible to predict the suitability an area may have for human habitation, and also the influences certain human activities may have on the physical environment.

**GEO/SJS 159. Creating Global Peace.** (3) Focuses on the study of peace, as represented across disciplinary boundaries and at local-to-global scales of analyses. Combines guest lectures, scholarly readings and other media, reflective writing and discussion, and a service- learning commitment that together explore different ways of thinking about peace, and 'peace' practices at global to local scales.

**GEO 201. Geography of Urban Diversity.** (3) Introduction to the processes and patterns that shape life in the American City. Students interpret urban landscapes—historical and contemporary—in relation to their environmental, economic, and cultural contexts. Students develop a geographic perspective on the social and spatial development of diverse American communities, a necessary foundation for addressing current issues in urban development and planning.

**GEO/ITS/SOC 208. The Rise of Industrialism in East Asia.** (3) Introduction to historic parameters, geographic variables, state policies, and sociocultural contexts of industrialism in East Asia (China, Japan, Korea, Taiwan, Hong Kong, and Singapore).

**GEO/WGS 302. Geography and Gender.** (3) This class adopts a geographic approach to the study of gender relations. The role of space and place in shaping the diversity of gender relations throughout the world will be considered. Through case studies, the importance of gender relations in understanding a variety of issues will be stressed.

**GEO/WGS 309. Native American Women.** (3) Survey of writings and films by and about Native American women. The objective of the course is to provide students with a broad overview of Native American perspectives on a variety of topics including indigenous viewpoints on research methods, environmental activism, politics and policy, and critical analysis.

**GER 151. The German-American Experience.** (3) Explores the role that America's largest ethnic group, the German-Americans, has played in the history and culture of the United States. Topics include German settlements in Colonial America, the Eighteen-Forty-Eighters, and German-Americans in Hollywood.

**GER 231. Folk Fairy Tales and Literary Fairy Tales.** (3) Introduction to the principles of folklore studies. Close reading of all 210 tales in the Grimms' collection, and a survey of literary fairy tales from Goethe to Hesse and Kafka. Emphasis in the second half of the course is on the way literary tales use folklore motifs.

**GER 232. The Holocaust in German Literature, History, and Film.** (3) Critical reading, reflection, and discussion of Holocaust representations. Introduction to historical and political context and survey of debates surrounding memory culture. Examination of fiction, autobiographical writing, historical texts, and film with a focus on German-language sources. Taught in translation.

**GER 252. The German-Jewish Experience.** (3) Discusses readings of and about major Jewish figures in the German-speaking world. Frames historical background. Discovers constants and changes over time. Assesses terms for analyzing culture.

**GER/FST 261. German Film in Global Context.** (3) Traces the dynamic development of German speaking cinema from 1895 to the present within a global context that defines filmmaking beyond national borderlines. The global context is determined by the international spread and commonality of: 1) technological innovations (camera, lighting, and sound systems, editing techniques); 2) commercial practices (of production, collaboration, distribution, exhibition), 3) political influences (the interplay of film, war, and ideology), and 4) aesthetic trends (the international popularity of certain genres, formal devices, and specific cultural preferences). The course is taught in English and all the films have English subtitles.

**GER 321. Cultural Topics in German-Speaking Europe Since 1870.** (3) Explores several major cultural foci within the German, Austrian, and/or Swiss experience. Readings, discussions, guided research projects predominantly in German.

**GER 322. Comparative Study of Everyday Culture: German-Speaking Europe and the USA.** (3) Explores patterns of everyday life in German-speaking European culture and compares them with similar cultural patterns in contemporary U.S. life. Lectures, readings, and discussions in German.

**GHS 101. Introduction to Global Health.** (3) Introduces students to the complexity and ethical dilemmas of global health as a practical field that seeks to work with organizations and local communities to solve health problems. Students will learn to assess knowledge from multiple disciplines to thoroughly describe global health programs. This course is the required gateway to the Global Health Minor.

**GIC 101. Global and Intercultural Studies.** (3) An interdisciplinary approach to global and intercultural dynamics and issues. Examines historical and contemporary transnational perspectives to understand processes of globalization in an age of global social responsibility.

**GIC 301. Approaches to Global and Intercultural Studies: Globalization and Belonging.** (3) This course provides an interdisciplinary examination of how "we" and "they" are shaped in the context of heightened globalization. Specifically, how are citizenship, nationhood, ethnicity and race being imagined in an increasingly inter-connected world, and with what implications for democracy, social justice, and human rights. The U.S. provides foundational examples, but comparisons will be drawn from cases in Latin America, Europe, and Southern Africa.

**GLG 111. The Dynamic Earth.** (3) Earth as a geophysical-geochemical unit and its internal and external processes. Formation of minerals and their relationships in rocks. Earth stresses and rock deformation, mountain building, and earthquakes. Geomorphic (landscape) evolution by mass wasting and wave, stream, wind, ground water, glacial, and volcanic activity.

**GLG 115L. Understanding the Earth.** (1) Laboratory course exploring Earth from multiple perspectives. Earth in the solar system; Earth in time; the solid Earth; Earth's surface in flux; Earth's atmosphere and hydrosphere. Emphasis on use of computers in exploring geologic phenomena. *Prerequisite or co-requisite: GLG 111 or 121 or 141 (students enrolled in these courses are not required to take the lab).*

**GLG 121. Environmental Geology.** (3) A survey of introductory geology with a sub theme of human interaction with the geologic environment. Topics include flooding, earthquakes, volcanoes, water quality and availability, energy, use and abuse of natural resources and land-use planning.

**GLG 141. Geology of U.S. National Parks.** (3) A survey of introductory geology with a sub theme of the structure and geologic evolution of North America as exemplified by the geologic features and development of U.S. national parks and other public lands.

**GTY 110. Opening Minds through Art (OMA) Volunteer Experience.** (1) OMA is an intergenerational visual art program for people with dementia. It is grounded in the belief that people with dementia are capable of expressing themselves creatively. Its approach is to capitalize on what people with dementia can still do. OMA currently offers its program at 15 sites that serve people with dementia in long-term care facilities, adult day centers and those living at home. In this Service-Learning course, you will volunteer weekly in the OMA program.

**GTY 154. Big Ideas in Aging.** (3) Overview of the processes of aging. Emphasis placed on “typical” aspects of aging from three perspectives: the aging individual, social context of aging, and societal responses to an aging population.

**GTY 260. Global Aging.** (3) Integrates bio-demographic and socio-cultural approaches to the study of global aging by drawing on cross-cultural quantitative and qualitative data including ethnographic records. Developed and developing countries are compared and contrasted in terms of a wide range of issues related to aging, from global to local. The phenomenon of global aging is explored and addressed through active engagement with international organizations and individuals.

**GTY 310. Opening Minds through Art (OMA) Leadership Experience.** (1; maximum 3) OMA is an intergenerational visual art program for people with dementia. It is grounded in the belief that people with dementia are capable of expressing themselves creatively. Its approach is to capitalize on what people with dementia can still do. OMA currently offers its program at multiple sites that serve people with dementia in long-term care facilities, adult day centers and those living at home. OMA has four primary goals: 1) to promote the social engagement, autonomy, and dignity of people with dementia by providing creative self-expression opportunities; 2) to provide staff and volunteers with opportunities to build close relationships with people with dementia; 3) to show the public the creative self-expression capacities of people with dementia through exhibitions of their artwork; and 4) to contribute to the scholarly literature on dementia care and the arts. In this Service-Learning course you will have a leadership role in OMA.

**GTY/SOC 318. Social Forces and Aging.** (3) Examines the social forces that shape the diverse experiences of aging for individuals and the social structures in which they live. Particular emphasis is given to sociological issues such as age stratification, the life course, demographic change and its effects, and societal aging as a force in social change. *Prerequisite: SOC 151, SOC 153 or GTY 154.*

**HST 111. Survey of American History.** (3) Survey of the interplay of forces that have brought about evolutionary development of American economic, cultural, and political history from 1492 to the Era of Reconstruction, 1877. A functional and synoptic treatment of America's great historical problems.

**HST 112. Survey of American History.** (3) Survey of the interplay of forces that have brought about evolutionary development of American economic, cultural, and political history from 1877 to the present. A functional and synoptic treatment of America's great historical problems.

**HST 197. World History to 1500.** (3) Introduction to the origins and early development of individual civilizations prior to the period of Western European hegemony. Stresses interdependency and interrelations among cultures, and compares social, political, and religious experiences of peoples with one another.

**HST 198. World History Since 1500.** (3) Provides global perspective as well as introduction into history of individual civilizations. Stresses interrelations among societies and cultures and compares experiences of peoples and civilizations with one another.

**HST/BWS 224. Africa in History.** (3) Survey course focusing on the changing historiography of Africa, African ancient civilizations, the emergence and development of the Bantu and Nilotes, Eastern Africa and the Orient, early Christianity and Islam, trans-Saharan trade, the medieval Sudanic Empires, statelessness and state formation, Africa and the West between 1400 and 1800, South Africa to 1870, the Mfecane, the Sudanic Jihads, long-distance trade, and African-European relations in the 19th century.

**HST/BWS 225. The Making of Modern Africa.** (3) Survey of the transformation of Africa, south of the Sahara, from the time of the scramble for, and partition of, the continent among European powers in the second half of the 19th century to the present. Emphasis on economic, social, cultural, political, and intellectual features of this period. This is done through the reading of monographs, articles, and literary works (novels, plays, poems, etc.) on African experiences with colonialism, the rise and triumph of nationalism, African womanhood, popular culture and the experiences of change, and the rise and nature of post-colonial economic and political crises in the region.

**HST 245. Making of Modern Europe, 1450-1750.** (3) Survey of European history in global context from the Renaissance through the Enlightenment. Emphasis on political, cultural, and religious change in the first global age. Class also introduces students to the skills of historical thinking, and why they are essential to living in a global age.

**HST/LAS 260. Latin America in the United States.** (3) Interdisciplinary examination of historical, social, economic, and cultural forces that have shaped the experience of peoples of Latin, Hispanic, Latino/a background in the United States.

**HST 296. World History Since 1945.** (3) From Hiroshima to the information age. Focuses on the politics of identity and social history.

**HST 372. Native American History since 1840.** (3) American Indian history from 1840 through the twentieth century and into the present.

**IDS 159. Strength Through Cultural Diversity.** (3) Serves as an interdisciplinary introduction to diversity. A primary goal of this course is to facilitate students' abilities to build their cultural competencies and their abilities to work toward a socially just and inclusive world by providing the conceptual tools and vocabulary to think about, discuss and experience diversity. Topics covered include multiculturalism, ethnocentrism, prejudice, discrimination, privilege, the

impacts of social and cultural change, and the engagement of students in the global community.

**IDS/HST 259. Introduction to the Miami Tribe of Oklahoma.** (3) Offers an interdisciplinary examination of the Myaamia as a living people within a living culture – a people with a past, present and future. Explores pre-contact economy, social and political organization; the historic period of contact, treaties and federal legislation and the cultural basis of Myaamia responses; and present-day issues of concern to the dependent sovereign nation of the Miami Tribe of Oklahoma.

**IMS 211. Introduction to Game Studies.** (3) Offers an introduction to key historical and contemporary research in game studies and theories of play, with particular attention paid to the digital video game. The course surveys current debates and issues in the field of game studies, introduces various methods for interpreting games, and cultivates a deeper understanding of the importance of games and play in contemporary social, political, and cultural contexts.

**IMS 222. Introduction to Interaction Design and Development.** (3) This course is an opportunity to investigate interactive design and front-end development as it relates to a variety of media types. Using industry standard tools, students will learn to design, implement, and refine interactive media for specific audiences. For the purpose of this class, interactive media includes a variety of software and hardware solutions that intersect the domain of human-computer interaction. Effective interactive design is often achieved by the creative application of sometimes disparate disciplines. Students should expect to incorporate their understanding of art theory, psychology, commercial business practice, and creative problem solving.

**IMS 254. Design Thinking & Design Principles Applied.** (3) An understanding of design thinking & design principles is central to the creation of digital solutions and interfaces. Whether it be the design of a system/organization or the creation of a digital product, a design solution is the result of a multi-disciplinary approach. This approach builds empathy and understanding in order to solve problems for users who are often different from ourselves. This course will also examine the impact that culture has on aesthetic choices such as color, form and spatial relationships as well as the diverse history of design, typography and interaction. No prior design experience required.

**IMS 384. Rhetoric of Games.** (3) The study of video games has exploded in the last decade. While the field of “game studies” is still relatively small in academia, when partnered with disciplinary knowledge, the study of the rhetoric of games constitutes some of the most cutting-edge theoretical and practical liberal arts work being done in all of the academy. In this class, students will learn to apply rhetorical thinking and disciplinary knowledge to the study of games. A particular focus will be placed on cultural (race and gender) rhetorics as related to games and gaming. *Prerequisite:* IMS 211.

**ITL 221. Italy, Matrix of Civilization.** (3) An investigation of Italian contributions to civilization through recorded history, from the cultures of the Etruscans and the Romans to contemporary Italians, taking into consideration the Italian peninsula’s geography and history, the artistic outpouring of the Renaissance, the scientific revolution, opera, literature, cinema, emigration and immigration, and Italy’s multi-ethnic future. Taught in English. No prerequisites.

**ITL/AMS/FST 222. Italian American Culture.** (3) A survey and investigation of the history of Italian immigration in America, the development of Italian American communities across the land, and the contributions that Italian Americans have made to American society and culture. Taught in English. No prerequisites.

**ITS 201. Introduction to International Studies.** (3) Integration of core disciplines comprising international studies, with analysis of major world regions and issues. Recommended for freshmen and sophomores.

**JPN 231. Tales of the Supernatural in English Translation.** (3) Focusing on the supernatural, this course examines major literary works chronologically, Tale of Genji (ca. 1010), to contemporary films.

**JRN 101. Introduction to Journalism.** (3) Introduces issues facing news media in a democratic society. These include ethics, law, and press performance in the context of news criticism and journalism history. Students explore several journalistic modes and a variety of careers in journalism. They learn critical news consumption and several basic writing styles.

**KNH 125. Introduction to Public Health.** (3) Public health is a multidisciplinary field aimed at reducing preventable morbidity and premature mortality, and promoting a higher quality of life in populations and groups through health intervention. This course is designed to introduce the basic tenets, applications, and foci of public health, including integrating public health with other health professions. It will provide a history of public health, an overview of the core disciplines, current events and issues in the field.

**KNH 188. Physical Activity and Health.** (3) Critical examination of relationships among exercise, physical activity, fitness, and health from epidemiological perspective. The role of genetic, sociocultural, economic, geographic and political influences on physical activity patterns, exercise habits, fitness and health are explored. A description of the physiological mechanisms that link physical activity and health are also examined.

**KNH 213. Global and Community Nutrition.** (3) Explores the integration of current food and nutrition research into the development of public policy with emphasis on implementation of Global and Community Nutrition programs. *Prerequisite:* KNH 102.

**KNH 214. Global Well-Being.** (3) As a result of the positive psychology movement that has gained momentum around the world, well-being is now known to be a significant factor influencing quality of life, health, and human performance. This course explores the essence of well-being and its relevance to everyday living. The course also broadens students' perspective by exploring well-being within cultural and global contexts. Students will be given multiple opportunities to examine institutional and cultural influences on individual and societal well-being as well as the global forces influencing the development and use of the human experience of well-being across the globe.

**KNH 242. Personal Health.** (3) Variable course content based upon students' personal health problems and needs. Includes such topics as mental health, marriage and family, mood modifiers, nutrition, etc. *Prerequisite: sophomore standing.*

**LAS 208/ATH 206. Introduction to Latin America.** (3) An interdisciplinary introduction to contemporary Latin America and the Caribbean through anthropology, art, geography, environment, film, history, literature, music, politics, sports and others.

**LAS/AMS 315. Latin American Diaspora: Communities, Conditions and Issues.** (3) Study realities and challenges of Hispanic-Latino communities in Southwest Ohio in the context of transnational connections that link communities across the Americas. Incorporates Service-Learning projects and community-based research.

**LAS/ATH/BWS/WGS 325. Identity, Race, Gender, Class.** (3) Develops conceptual tools and critical perspectives that enable students to better understand and analyze the processes through which identities are constructed and experienced. Learning activities facilitate analysis of individual identities as experienced through the life cycle and across diverse cultural and subcultural contexts, and build a systematic understanding of the processes and dynamics through which identities and identity groups develop and interact.

**MAC 143. Introduction to Media.** (3) Introduction to major mass communication theories as a context to examining some major issues surrounding mass media in American society.

**MBI 111. Microorganisms and Human Diseases.** (3) Discussion of microorganisms and human diseases they cause, with particular emphasis on the impact of these relationships on the development of human societies—past, present, and future. May not be used to fulfill A.B. requirements for microbiology majors.

**MBI 121. The Microbial World.** (3) Introduces basic concepts in the study of microorganisms – bacteria, viruses, and fungi. Topics include microbial structure and function, metabolism, genetics and the immune system. Special emphasis is placed on the impact of microorganisms on medicine, agriculture, food production, biotechnology, and the environment.

**MBI 123. Experimenting with Microbes.** (1) A series of laboratory exercises and demonstrations emphasizing general techniques of isolation, characterization, and cultivation of selected microorganisms. Co-requisite registration in MBI 111 or 121 required. May not be used to fulfill A.B. requirements for microbiology majors.

**MBI 131. Community Health Perspectives.** (3) Discussion of community health primarily from the perspective of leading causes of disease and death in the U.S. Exploration of the impact of environment, behavior, and disease, including prevention and treatment strategies, on human health, public resources, and quality of life for society. May not be used to fulfill A.B. requirements for microbiology majors.

**MBI 143. Parasitology and Mycology Labs.** (1) Combination of laboratory exercises, demonstrations, and discussions exploring concepts and techniques used in parasitology and mycology laboratories, including public health, research, and diagnostic laboratories. Does not count as credit toward an A.B. or B.S. in microbiology.

**MBI 161. Elementary Medical Microbiology.** (4) Elementary microbiology for students interested in a single unit devoted to understanding characteristics and activities of microorganisms and their relation to health and disease. Taught in Hamilton and Middletown only. Does not count as credit toward an A.B. in microbiology.

**MGT 111. Introduction to Business.** (3) Study of relationships between business and its environment, social responsibilities of business, functions of business, and business management. Not open to business students. Limited enrollment.

**MGT 304. Cross-Cultural Management.** (3) The course is designed to familiarize students with the major concepts used in managing people in diverse environments, both internationally and domestically. In addition to learning about a variety of cultures, students can become more adept at thinking about issues from multiple perspectives. *Prerequisite: MGT 211 or 291.*

**MTH 115. Mathematics for Teachers of Grades P-6.** (4) Service Course. Topics include problem solving, numeration, computation, number theory, and rational numbers. Designed to provide content background for teaching mathematics in elementary grades. Successful completion of this course may require an examination in basic mathematics. Open only to early childhood or middle childhood majors not concentrating in mathematics and to special education majors. *Prerequisite: two years of high school algebra or a college algebra course.*

**MTH 119. Quantitative Reasoning.** (4) Quantitative reasoning Is a course designed to satisfy the Miami Plan Formal Reasoning requirement for students in majors that do not specifically require a mathematics course beyond the level of Precalculus. The focus is on critical thinking and applications, and all topics are covered from a contextual standpoint. Topics include mathematical reasoning and problem solving, consumer math, probability, and statistics. *Prerequisites: Successful completion of MTH 049, or an ACT Math score of at least 18, or an SAT Math score of at least 500, or a Miami Math Placement Test score of at least 6, or permission of instructor.*

**MTH 121. Finite Mathematical Models.** (3) Service Course. Introduction to linear, probabilistic, graph-theoretic, and network models with emphasis on development of algorithms. Systems of linear equations, linear programming, matrix algebra, graphs, networks, discrete probabilistic models, and linear recurrence relations with applications of these topics to areas in the management, social, and biological science. *Prerequisite: MTH 102 or 104 or three years of college preparatory mathematics including Algebra II.*

**MTH 141. Business Calculus.** (5) Service course. Limits and continuity, derivatives, graphing and optimization, exponential and logarithmic functions, integration, applications to problems arising in business. Credit not awarded for both MTH 141 and MTH 151. V. CAS-E. A grade of C or better in MTH 102, or an ACT Math Score of 22 or higher, or an SAT Math Score of 530 or higher, or a Miami International Math Placement Test score of 8 or higher, or a Miami Precalc Placement Test score of 8 or higher, or successful completion of MTH 025.

**MTH 151. Calculus I.** (4) Limits and continuity, derivatives, integration, calculus of trigonometric and exponential functions. *Prerequisite: Successful completion of MTH 125, or an ACT Math score of at least 26, or an "old" SAT Math score of at least 590, or a "new" SAT Math score of at least 610, or score of at least 16 on the Miami Math Placement Test.*

**MTH 249. Calculus II.** (5) Fundamental concepts of MTH 151 (limits and continuity, differentiation, integration) followed by content of MTH 251. The honors course offers an in-depth treatment of these topics. Admission to the honors course requires honors standing or permission of the instructor. Credit not awarded for both MTH 141 and MTH 151. *Prerequisite: a grade of B or better in MTH 151; if credit earned through the AP exam, a score of 4 or above. Limited to first-year students.*

**MUS/AMS 135. Understanding Jazz: Its History & Context.** (3) History of jazz in the United States from its origins to the present. Emphasis placed on developing aural perceptions of stylistic differences between historical periods and significant performers.

**MUS 184. Opera: Passport to the Liberal Arts.** (3) Focuses on opera as the “total art work”, encompassing history, art, literature, theatre, business and traces the course of opera’s history from its roots in ancient Greek drama to the present day. Framed in the context of Italy as the self-proclaimed birthplace of opera, the course addresses how the passion for this art form has spread through and united European cultures. Students will learn to appreciate the art form by studying selected operas and attending an opera at Miami University, with an optional trip to Chicago to see an opera live at the Chicago Lyric Opera.

**MUS 185. Diverse Worlds of Music.** (3) An investigation of music as it exists in diverse areas around the world. The approach will be ethnomusicological, best defined as an exploration of music and its relationship to human culture.

**MUS 186. Global Popular Music.** (3) This course is a survey of popular music throughout the world. Through the study of specific cultures and repertoires, students will explore and engage in popular music in various cultural contexts in the United States, Europe, Asia, Africa and Latin America. The goal is to give students a broad understanding of what exactly is popular music, how it can be defined, and the differences and similarities amongst diverse popular music traditions.

**MUS 189. Great Ideas in Western Music.** (3) Development of a sequential listening skill and a descriptive vocabulary used in a study of the style of Western Art Music from Middle Ages through 20th century.

**MUS 206. Tracking Sounds: A History of Film Music.** (3) This course traces the technological developments, socio-political and economic trends, and musical styles that have shaped film music history from the end of the nineteenth century to today. The chronological trajectory of the course considers music in the silent film era (1895-1928), the early sound era (1928-1934), the Hollywood "Golden Age" (1935-1959), the New American Cinema (1960-1976), 1970s Eclecticism and Classicism, and postmodern film of the video and digital age since the 1980s. The course consistently engages film, animated features and film musicals produced in the United States, as well as international film from Germany, France, Russia, England and Japan. Students will watch and listen to clips of films in class and will periodically be expected to view and listen to entire films on their own. As an interdisciplinary course intended for students interested in both film and music studies, students do not need knowledge of music notation or theory.

**MUS 211: History of Western Music.** (3) History of Western music from antiquity to the present placed in global context. Music and society; analysis of representative styles from scores. Prerequisite: MUS 201-202 or permission of instructor.

**MUS/IMS 221. Music Technologies.** (3) Introduces students to the fundamentals of music technology in the context of its historical and cultural use. Scientific foundations of acoustics, digital audio, and audio engineering as well as technical skills for music production and notation will be addressed. Participants will learn the skills-based foundations of music technology through hands-on projects. Critical discussion will consider the social impact of contemporary and historical systems of recording, notation, and dissemination. Applications in the fields of interaction design, music entertainment, game design, digital signal processing, electrical engineering, music education, acoustics, and mass communications will be explored.

**MUS 225. And the Beat Goes On . . . The History of Rock and Roll.** (3) This survey of Rock and Roll examines the roles the genre has played in the American imagination since the 1950s, and the perception and reception of the genre through time. It focuses on the ways that Rock fits into the narratives on American culture, gender and race, examining this music through the lens of politics, aesthetics, and society. The course progresses through the changing landscape of Rock from its roots in American popular culture in the early 20th century, continuing to the present day. The discussion continues through Metal and Hard Rock, to punk and disco, and much more. Students will learn to identify the formal, harmonic, rhythmic and textual characteristics that distinguish Rock subgenres. Through readings, films, demonstrations, class discussions and activities, and a great deal of music, this course explores the history of Rock and Roll, placing in context the musical, political and social forces that shaped its evolution and revolution.

**MUS/AMS 285. Introduction to African-American Music.** (3) General survey of traditional West African music and its offspring in America from slavery to the early 1990s. Major emphasis is placed on the contributory, sociological settings for significant musical forms and styles. *Prerequisite: MUS/AMS 135 or MUS 185.*

**MUS/WGS 287. Enter the Diva: Women in Music.** (3) American women in music from 1900 to present. Women have made considerable contributions to the various genres and traditions that define American music. From popular forms to concert music there are numerous women who have constructed a musical discourse that chronicles their experiences in America and their conceptions of womanhood. This course is designed to chronicle the experiences of these women musicians and vocalists and discuss their musical approaches. Discussions include traditional music practices as well as contemporary popular music styles. *Prerequisite: MUS 135, 185 or 189, or permission of instructor.*

**MUS 385. The Roots of Black Music: Blues, Gospel and Soul.** (3) Development of these music genres in America. In-depth analysis of stylistic differences and musical and cultural relationships between each. *Prerequisite: MUS/AMS 285 or permission of instructor.*

**MUS/AMS 386. The History and Development of Hip Hop Culture in America.** (3) Surveys development of the Hip Hop culture (rapping, graffiti art, breaking, Djing) from black vernacular forms in Africa and America. *Prerequisite: MUS/AMS 285, MUS 385, or permission of instructor.*

**PHL 103. Society and the Individual.** (3) A study of the relationship between human beings and the societies in which they live and of the implications different perspectives on this relationship have for a view of social justice. We investigate this relation in terms of its political, economic, social, ethical, and epistemological dimensions. Introduces fundamental questions of philosophy and basic reasoning skills, methodologies, and concepts used by philosophers. Students are prepared for further work in philosophy and develop skills in critical thinking, reading, and writing for any area of learning.

**PHL 104. Purpose of Chance in the Universe.** (3) Is the present universe the result of purpose or chance? Positions and arguments on this question by scientists and philosophers at different points in Western history are studied. Special attention is paid to recent developments in scientific cosmology that throws important new light on the question. Whether the results of the inquiry support purpose or chance more strongly is considered. Introduces fundamental questions of philosophy and basic reasoning skills, methodologies, and concepts used by philosophers. Students are prepared for further work in philosophy and develop skills in critical thinking, reading, and writing for any area of learning.

**PHL 105. Theories of Human Nature.** (3) There have been various ways that human beings have understood themselves and their place in nature. Every conception of the self embodies a conception of what can be known, of how we ought to live, of what values we ought to hold, and to what extent we are free. We will consider various conceptions of the person in light of these questions. This course will introduce fundamental questions of philosophy and basic reasoning skills, methodologies, and concepts used by philosophers. Students are prepared for further work in philosophy and develop skills in critical thinking, reading, and writing for any area of learning.

**PHL 131. Introduction to Ethics.** (3) This course introduces students to, and cultivates, ethical reasoning. The course will foster students' capacity to recognize ethical issues and situations, to understand different ethical perspectives and concepts, and to engage in ethical deliberation. Students will have opportunities to analyze concrete situations and human conduct in relation to ethical principles, ideas, and frameworks and thereby to reflect more deeply on their own values and on the social context of ethical obligations and ethical dilemmas. Course topics may include the nature of our responsibilities to ourselves and to others, confrontations between the rights of an individual and those of society, and consideration of what it means to lead a good life. The course aims to enrich students' ability to see themselves as ethical actors in the world. (This course is the first course in the Ethics thematic sequence and counts toward the minor in Ethics, Society, and Culture.)

**PHL 273. Formal Logic.** (4) Survey of elementary logical systems: Aristotelian, Boolean, sentential, quantified. Scientific method and issues in the philosophy of logic may be included.

**PHY 101. Physics and Society.** (3) Introduction of fundamental principles of physics and discussion of the interaction of science and society, today and in the past. Provides skills in thinking critically about societal problems that have a scientific or technological component.

**PHY 103. Concepts in Physics Laboratory.** (1) Laboratory course illustrating the basic concepts of physics. For the general student; complements physics lecture offerings at the nonspecialist level. *Prerequisite or co-requisite: PHY 101, 111, 118, 121, 131, or 141.*

**PHY 111. Astronomy and Space Physics.** (3) Study of space exploration, astrophysics, astronomy, and cosmology.

**PHY 118. Introduction to Atmospheric Science.** (3) Introductory survey of a broad range of atmospheric phenomena with emphasis on how they can affect our lives and mankind's impact on a changing atmospheric environment. Quantitative, illustrative, and mostly non-mathematical approach to processes that pertain to such topics as composition of the atmosphere, global climate, large-scale weather systems and the nature of violent storms. Develops skills in the areas of problem solving (using charts instead of equations) and elementary weather forecasting.

**PHY 121. Energy and Environment.** (3) Application of physics principles and models to societal uses of energy. Includes mechanics, electricity and magnetism, thermodynamics, and atomic and nuclear physics. Energy topics include resources, environmental problems, global atmospheric challenges, nuclear power, solar energy, alternative energy systems, and energy conservation. Algebraic skills are required but no previous course in physics is needed.

**PHY 131. Physics for Music.** (3) Introduction to the basic physics of sound within the context of music. Production, transmission, and reception of sound waves; traditional and electronic musical instruments; physics of sound reproduction.

**PHY 141. Physics in Sport.** (3) Various aspects of a dozen or more sports are treated using the laws of physics. Provides the non-science student with insight into principles governing motion, dynamics, and other elements of physics in sports.

**PHY 161. Physics for the Life Sciences with Laboratory I.** (4) This is a quantitative introduction to the basic physical laws of nature. Classical mechanics and quantum physics are emphasized. Concepts are developed through lectures, demonstrations, computer simulations, laboratory activities, and problem solving. Qualitative reasoning is emphasized and quantitative problem-solving skills are developed. Algebra and trigonometry are used. No previous physics course is required. *Prerequisite: ACT Math sub score of 26 or SAT Math sub score of 610 or Math Placement Test score of 16 or MTH 125.*

**PHY 162. Physics for the Life Sciences with Laboratory II.** (4) This is a quantitative introduction to the basic physical laws of nature. Thermal physics, electromagnetism, and relativity are emphasized. Concepts are developed through lectures, demonstrations, computer simulations, laboratory activities, and problem solving. Qualitative reasoning is emphasized and quantitative problem-solving skills are developed. Algebra and trigonometry are used.

**PHY 191. General Physics with Laboratory I.** (5) This is a quantitative introduction to the basic physical laws of nature. Classical mechanics and quantum physics are emphasized. Concepts are developed through lectures, demonstrations, computer simulations, laboratory activities, and problem solving. Qualitative reasoning is emphasized and quantitative problem-solving skills are developed. Concepts from differential and integral calculus are developed and used. No

previous physics course is required. 4 Lec. 1 Lab. *Corequisite: MTH 151 or equivalent.*

**PHY 192. General Physics with Laboratory II. (5)** This is a quantitative introduction to the basic physical laws of nature. Thermal physics, electromagnetism, and relativity are emphasized. Concepts are developed through lectures, demonstrations, computer simulations, laboratory activities, and problem solving. Qualitative reasoning is emphasized and quantitative problem-solving skills are developed. Concepts from differential and integral calculus are developed and used. 4 Lec. 1 Lab. *Prerequisite: MTH 151 or equivalent; PHY 191 or equivalent. Co-requisite: MTH 249, MTH 251 or equivalent.*

**POL 142. American Politics and Diversity. (3)** Foundations and operations of the American political system, with emphasis on "the people" and how they belong to, challenge, and change the system. How the competing values of unity and diversity influence American politics.

**POL 221. Modern World Governments. (3)** Comparative introduction to the development, governmental structures, and political processes of societies in the modern world. Case studies used to relate theories to actual problems and governing strategies in contemporary political systems.

**POL 241. American Political System. (3)** Theories and methods of political analysis applied to the American political system. Political beliefs, behavior, institutions, and public policies in the American case will be examined.

**POL 271. World Politics. (3)** Introduction to international politics with emphasis on factors and processes producing harmony and conflict in interactions within the international system.

**POR/BWS/LAS/FST/MUS 204. Brazilian Culture Through Music and Film. (3)** Through music, lyrics and rhythms this course raises questions about history, national identity, social, religious, and ethnic diversity in Brazil.

**POR/BWS/ENG/WGS/FST 383. Brazilian Women through Literature and Film. (3)** Addresses questions about gender, race, class and stereotype of women's bodies in 20th-century Brazil.

**PSY 111. Introduction to Psychology. (3)** Introduction to content, methods, issues, and theories of psychology. Credit not granted to students who have earned credit in EDP 101. *Corequisite: PSY 112 or PSY 112M.*

**PSY 325. Psychology of Prejudice and Minority Experience. (3)** Consideration of psychological factors underlying prejudice toward racial, ethnic, and other minorities. Impact of prejudice and discrimination on members of minority groups. Prerequisite: PSY 221 and PSY 294.

**REL 101. Introduction to the Study of Religion. (3)** Introduction to the study of religion as a phenomenon of human culture. Various examples of religion are observed and compared in relationship to a thematic and methodological framework.

**REL/BIO 128. Religion, Science and Origins. (3)** A team-taught, interdisciplinary introduction to the science behind the theory of evolution and to religious responses to that theory, including contemporary controversies around creation science and intelligent design. Multiple disciplinary perspectives are brought to bear, drawn from fields in both the natural sciences (such as biology) and the humanities (such as philosophy of science, sociology of knowledge, science studies, intellectual and cultural history, and comparative religion).

**REL/RUS 133. Imagining Russia. (3)** Survey of Russian history, society, politics, economy, literature, film, and arts from a variety of intellectual perspectives. Classroom lectures plus out of class cultural presentations.

**REL 275. Introduction to the Critical Study of Biblical Literature. (3)** Surveys, origins, historical development, and content of texts, both canonical & non-canonical, that contributed to the formation of the Bible against the background of the advent and continuing development of modern literary and historical-critical methods.

**REL 286. Global Jewish Civilization. (3)** How did the Jewish people persist through the vicissitudes of enslavement, conquest, dispersion, and return, over the course of three thousand years of history? In this course, we will study the encounter between Jews and the cultures and lands in which they lived, through a consideration of Jewish sacred texts and literature, spanning the globe from Ancient Mesopotamia to modern America.

**REL/WGS 313. Marriage Across Cultures. (3)** Engages feminist theory and gender studies to explore the consequences of different types of marital formations (polygamous as well as monogamous) for the lives of women and men in selected Western and non-Western cultures.

**REL 314. Social and Religious History of the Jewish People. (3)** Cultural, social, and religious history of Jews in Europe, America, and the Middle East since Enlightenment with emphasis on 20th century and in the context of the larger society and culture.

**RUS 137. Russian Folklore. (3)** Introduction to Russian folklore, including study of the folk tale, charms and incantations, ceremonial poetry connected with the calendar, jokes, proverbs, folk ditties, wedding ceremonies, funeral customs, modern gestures, and graffiti. Some discussion devoted to Slavic pre-Christian society and survivals of heathen customs in the Christian era. Considerable treatment of comparative folklore worldwide.

**RUS/ENG 255. Love and Death in Nineteenth-Century Russian Literature. (3)** Examines works by Pushkin, Lermontov, Gogol, Turgenev, and a number of critical essays representative of a variety of viewpoints. Uses an interdisciplinary approach which takes into account social, historical, political, religious, as well as literary factors.

**RUS/ENG 256. Empire and Utopia in Russian Literature. (3)** Treatment of selected works of Russian literature (realism, modernism, postmodernism) with special attention to Tolstoy, Chekhov, Bunin, Sologub, Bulgakov, Babel and Nabokov.

**RUS 257/ENG 267. Communism and Catastrophe in Modern Russian Literature. (3)** Treatment of major trends in the development of Russian literature since 1953. Examines works by Pasternak, Solzhenitsyn, Rasputin, Trifonov, and others. Cross-listed with ENG 267.

**SJS/SOC 165. Introduction to Social Justice Studies.** (3) The Introduction to Social Justice provides a basis to understand, interpret, and solve social problems in fair, equitable, and just ways.

**SJS 215. EMPOWER I: Educational and Economic Justice and Service-Learning** (3) EMPOWER explores how educational and economic injustices impact communities and considers strategies for social change. This course contains a Service-Learning component.

**SLM 276. Current Issues in Leisure and Sport.** (3) This course engages students in a critical examination of leisure as negotiated practices and experiences. Issues of globalization, sustainability, social equality and social justice are explored and provide a context for students to reflect on their leisure and inform their future professional practice.

**SLM/BWS/SOC 279. African Americans in Sport.** (3) Socio-historical analysis participation of African Americans in sport and society, and examination of the role sport has played in African Americans' integration into the larger society. Investigates the way the image of African Americans has been constructed and maintained through sporting practices. Sociological theories and concepts used to examine the impact of historical events, such as Reconstruction, black migration, and World Wars, on African American involvement in sport and other institutions.

**SOC 151. Social Relations.** (4) Introduction to and application of the principles, methods, and major theoretical orientations of sociology in providing a basic understanding of the social aspects of human life. (MPF 151F for freshmen only). Credit is NOT given for both SOC 151 and SOC 153.

**SOC 153. Sociology in a Global Context.** (3) Designed to develop the sociological imagination-- an imagination that allows students to place themselves in a larger, ever-changing global world. Serves as a prerequisite for upper level sociology courses and as an entry course for the Sociology major, Sociology minors and thematic sequences. Credit for the sociology major is NOT given for both SOC 151 and SOC 153.

**SOC/WGS 203. Sociology of Gender.** (3) Description and analysis of gender in human society with special attention to constraints placed on both males and females by current socialization practices, and to issues in equality from historic as well as contemporary perspectives.

**SOC/FSW/BWS 362. Family Poverty.** (3) Examines the definitions, theories, causes, and consequences of family poverty in the U.S. Identifies the extent and degree of U.S. poverty and demographic characteristics of those who are poor or likely to become poor. Consideration given to programs that reduce poverty, and/or its negative effects, including those practices in the past, those now practiced, and those that offer promise for improving the economic and social status of those who are poor. Costs and benefits of welfare and welfare reform and strategies for preventing poverty among future generations also discussed and evaluated.

**SOC 372. Social Stratification.** (3) Major theoretical approaches toward the study of social classes and social differentiation. Particular emphasis on the nature and consequences of stratification systems within the U.S. Prerequisite: SOC 151 or SOC 153; or SOC/SJS 165.

**SPA 127. Introduction to Communication Disorders.** (3) Overview of disorders of communication, special problems of speech, language and hearing impairments, and treatment.

**SPA 223. Theories of Language Development.** (3) Survey of the integration of scientific and theoretical knowledge about the normal acquisition of language from birth to adulthood. Introduction to the linguistic aspects of cultural, political, and environmental impacts on acquisition of language, relationship between English and coexistent languages, gender-related differences in conversational interactions, and the complex interaction of culture and language development.

**SPA/DST 312. Deaf Culture: Global, National and Local Issues.** (3) This course will provide an introduction to the American Deaf community within a global framework. Students will be introduced to the medical and cultural models of deafness, and the differences that result from these two perspectives in terms of language, behavior, values, education, and/or intervention.

**SPN 315. Introduction to Hispanic Literature.** (3) Close reading and critical analysis of selected poetry, essay, narrative fiction, and drama from Spain and Latin America. *Prerequisite: SPN 311.*

**STA 261. Statistics.** (4) Service Course. Descriptive statistics, basic probability, random variables, binomial and normal probability distributions, tests of hypotheses, regression and correlation, analysis of variance. Emphasis on applications. Credit for graduation will not be given for more than one of these: STA 125, ISA 125, STA 261, STA 301, or STA 368.

**STC 136. Introduction to Interpersonal Communication.** (3) Introduction to major theories and empirical research regarding the role of interpersonal communication and related personal, contextual, and cultural variables in the development of various types of dyadic relationships. (Non-majors only. Does not count toward any communication degree). Credit not granted to students who have earned credit in STC 134.

**THE 101. Introduction to Theatre: Drama and Analysis.** (3) Examination of drama and theatre production as modes of human expression. Students will explore myriad approaches to script analysis and theatre criticism within various historical and cultural contexts.

**THE 123. Acting for the Non-Major: Text and Performance.** (3) Introduction to the art of acting for the non-theatre major. Focuses on developing basic acting skills through improvisation and scene work; includes study of script analysis and acting theory. Credit cannot be applied to major degree in theatre.

**THE 191. Experiencing Theatre.** (3) This course introduces non-majors to all aspects of theatre arts through online lectures and assignments as well as weekly face-to-face class sessions. This course will help students appreciate the theatre--its role in our lives as well as the ways in which it is created. Credit cannot be applied to the theatre major or minor.

**THE 257. Stagecraft and Theatre Technologies.** (3) An introduction to the technologies involved in the conception and creation of visual environments that help

tell theatrical stories. Topics include scenic construction, lighting instrumentation and control, and digital and traditional exploration of graphic representation of theatrical environments.

**THE 393. Cultural, Ethnic and Gender Issues in Dramatic Literature.** (3) May be offered with various focuses (including African, African American, Latin American, Asian American, feminist perspectives, as well as others) as it explores culture, race, gender and identity in performance. Emphasis on developing student appreciation of and critical response to drama and performance. *Prerequisite:* THE 101 or THE 191.

**WGS 201. Introduction to Women's Studies.** (3) Interdisciplinary introduction to the study of women which focuses on determinants and expressions of women's roles.

**WGS 202. Introduction to GLBT Studies.** (3) Introduction to the scholarly field of GLBT (Gay, Lesbian, Bisexual, Transgender) Studies. Provides the intellectual foundation for the further study of non-normative genders and sexualities.

**WGS 301. Woman and Difference: Intersections of Race, Class, and Sexuality.** (3) Investigation of the interdisciplinary theoretical approaches to the interplay of race, class, gender, sexual orientation, and other aspects of social identity in women's lives; analysis of the ways social difference is defined, used, and experienced. Emphasis on feminist and womanist theories that take into account the interdependence of multiple categories of social difference. Open to majors and minors or other students with permission of instructor. *Prerequisite:* WGS 201.

**WST 201. Self and Place.** (3) Investigates various disciplinary models for how place and identity interact in American culture, and, specifically, how the local environment, including geographical location, ethnic traditions, and family traditions, impact our lives. Students draw upon their own life experiences to begin to formulate their intellectual interests.

## Beginning Your Academic Plan

### Key Tips

- Seek a balance in your schedule. Select a combination of courses that meets different needs and promotes different skills (writing, quantitative learning, reading).
- Leave time for breaks between classes. Grouping all of your classes into a few days or toward the end of the day may be tempting, but you need to give yourself time in between classes to study, review for a quiz, or eat.
- Remember you are planning only for your first year, not for your entire four years. Use the first year to meet prerequisites and Global Miami Plan Foundation courses, as well as courses of potential interest.

### Student Class Schedule Worksheet

#### Instructions

1. For most majors you should plan on taking approximately 15-18 credit hours your first semester.
2. Try to take courses from different areas of the Global Miami Plan Foundation.
3. Remember that not all courses will have available seats. Be sure to have a first, second, and third choice for all of your course selections.
4. Take into account your foreign language, math, and other placement recommendations in making choices.
5. If you anticipate receiving AP or transfer credit, consult the chart on page XX of this publication or check with your advisor at fall semester orientation to see where those credits may fit.
6. If you are in a Living Learning Community that includes a course, this will be automatically added to your schedule.
7. Follow the following scheduling order when completing the worksheet: Enter courses required for your major, then courses you are most interested in taking and that will fulfill Global Miami Plan requirements, then math/formal reasoning (if applicable to your first year), then English (if applicable to your first year), and finally electives.
8. **Online courses** are completely online and do not require you to attend a regular class meeting. Online courses are typically offered through a password-protected collaborative learning environment called Canvas. Course content is typically available 24 hours a day and communication takes place in a variety of ways. The advantages of online courses include flexibility, mobility, and accessibility. Keep in mind that these courses can be very time-consuming and require discipline and good time management to complete. These courses are designated in the Course List with an attribute of Online Asynchronous (no designated meeting times) or Online Synchronous (designated meeting times).

**Fall Semester Courses**

	Choice #1		Choice #2		Choice #3		Requirement			
	Course	Credits	Course	Credits	Course	Credits	Miami Plan	Major	Honors	Other
1										
2										
3										
4										
5										
6										
7										
8										
9										

**Spring Semester Courses**

	Course Abbreviation	Course Name	Credit Hours


### ***Weekly Class & Study Schedule***

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00 AM							
8:15 AM							
8:30 AM							
8:45 AM							
9:00 AM							
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### ***Information about Divisions and Suggested First-Year Schedules***

#### **College of Arts & Science**

The divisional requirements in the College of Arts and Science are called the College Requirement (CAS). These requirements emphasize skills and competencies needed for the 21st century, as well as breadth of knowledge in the humanities, social sciences, and natural sciences (biological and physical). Together with the depth of knowledge acquired within a major, the CAS Requirement prepares students for a variety of educational, professional, and career aspirations.

If you are working toward a Bachelor of Arts (A.B.), you must fulfill **all** sections of the CAS Requirement. If you are working toward a

Bachelor of Science (B.S.), only the CAS-A (foreign language) and advanced hours are required; however, the B.S. program requires more hours within the major and related hours.

### **CAS-A Foreign Language**

Direct acquisition of a different communication system facilitates access to a foreign culture. It also promotes understanding of how language structures human consciousness, increases the understanding of your own language, and makes possible a more informed awareness of the interaction between language and other social institutions.

All foreign languages taught at Miami are applicable for this requirement. They include: American Sign Language, Arabic, Chinese, French, German, Italian, Japanese, Korean, Latin, Portuguese, Russian, and Spanish.

The foreign language requirement may be met in any one of the following ways:

- Passing the 202 course (or its equivalent in a program abroad), or a language course at/above the 300 level that has 202 as a prerequisite; courses in English translation **cannot** apply to this requirement.
- Earning credit through a foreign language examination (Advanced Placement, College Level Examination Program, International Baccalaureate) with an appropriate score. Information on acceptable scores is included in the Academic Planning chapter of this Guidebook.
- International students whose native language is not English may use English to satisfy the foreign language requirement. (See the College of Arts & Science Academic Advising Office.)
- Students who are fluent in a language not offered at Miami University should work with a CAS academic advisor on how to satisfy this requirement.
- In some language departments admission to language skills courses may be denied to native or quasi-native speakers and heritage speakers.

LAT 202 may fulfill either CAS-A or CAS-B-LIT, but not both.

The foreign language placement guide in the Academic Planning chapter describes the background necessary to enter a course at a certain level; this will help you choose your first course. Our online placement tests are diagnostic tools and **do not** award academic credit.

### **CAS-B Humanities**

The human experience and how we record it can be expressed in many forms, but some of the most traditional ways have evolved into the subjects of: history, language, literature, philosophy, and religion. These humanities are important as they help us understand the intricacies of human values and how they have shaped the world around us. Through studying these subjects, we can connect with cultures past, present, and different from our own.

**Requirement:**

- Nine semester hours total
- Six semester hours must be from two different sub-categories: history, literature, philosophy, and religion.
- Humanities courses include all courses from the departments of History, (including CLS 101 and CLS 102), Philosophy (except PHL 273), Comparative Religion, and literature courses offered by the departments of: Classics; English; French and Italian; German, Russian, Asian, Middle Eastern Languages and Cultures; Spanish and Portuguese; and Theatre.
- The remaining three semester hours may be taken from the sub-categories, or from a list of courses that do not fall into a specific sub-category.

### **CAS-C Social Science**

Through the systematic study of individual interpersonal interactions, the behavior of social sub-groups, and larger cultural and societal norms, we are able to analyze how the world operates and then begin to predict future actions or behaviors. These social science subjects help us understand- with data -the world beyond our personal experience.

**Requirement:**

- Nine semester hours total
- Six semester hours must be from two different sub-categories: anthropology, economics, geography, political science, psychology, and sociology/gerontology/social justice.
- Social Science courses include all courses from the departments of Anthropology; Economics; Geography (except ATH 219; GEO 121, GEO 122, GEO 431/GEO 531, and GEO 432/GEO 532); Political Science; Psychology; and Sociology and Gerontology.
- The remaining three hours may be taken from the sub-categories, or from a list of courses that do not fall into a specific sub-category.

### **CAS-D Natural Science**

Learning to understand natural phenomena through observations and experimentation is important as it relies on a structured process to organize, test, and analyze information and reach logical conclusions. The physical sciences are involved largely with the behavior of energy, particles, atoms, and molecules, while the biological sciences are concerned with nature, variation, richness, and interactions of phenomena of

life. This requirement introduces you to various aspects of scientific inquiry as practiced in biology, botany, chemistry, geology, microbiology, physical geography, and physics. Laboratory experience is included to demonstrate the relationship between theories or models used within a given science and experimental results.

**Requirement:**

- Ten semester hours from courses within the College of Arts and Science natural science areas
- At least three semester hours in biological science
- At least three semester hours in physical science
- One laboratory course
- Biological science includes all courses offered by the departments of Biology (except BIO 128) and Microbiology, as well as GEO 431/GEO 531 and GEO 432/GEO 532.
- Physical science includes all courses offered by the departments of Chemistry and Biochemistry, Geology & Environmental Earth Science, and Physics; as well as GEO 121 and GEO 122.
- Consult with an advisor to identify an appropriate laboratory course to take

### **CAS-E Formal Reasoning**

Students pursuing a liberal education must expand and enhance their capacity to reason. This requirement is met through the study of inductive and deductive thinking; through disciplines that employ formalized languages as the means to develop such thinking. This includes areas like: data analysis, mathematics, statistics, logic, and linguistics. Unlike the Miami Plan Foundation V, this requirement does **not** include topics pertaining to technology.

**Requirement:**

- Three semester hours, designated as CAS-E
- Math placement is based upon your ACT/SAT math subscores. Please consult the mathematics and statistics placement guide in the Academic Planning chapter of this guidebook or an academic advisor to determine the appropriate course to take.
- Many majors either require or strongly suggest a specific course for this requirement.

### **CAS-QL Quantitative Literacy**

It is a must nowadays for students to be able to gather, manipulate, and analyze data and data sets. This ability to ‘tell a story with numbers’ will only grow in importance. These skills are attained through the following:

**Requirement:**

- Three semester hours, designated as CAS-QL
- A course **cannot** count for both the Global Miami Plan Foundation V or CAS-E requirements and CAS-QL.
- A course **can** count in the other Global Miami Plan Foundations or CAS requirements and CAS-QL.

### **CAS-W Writing Competence**

Educated individuals need to exhibit advanced writing abilities in their chosen field of study. Our students learn the writing practices and conventions of their discipline and how to effectively communicate with others both in and outside of their field. Effective writing is learned gradually and through ongoing attention and sustained feedback. As such, each Bachelor of Arts major has a course or set of courses embedded in the requirements for the major.

### **Advanced Hours**

All CAS majors must complete a minimum of 56 hours at the 200-level or higher. These can be from any academic division at the university and include courses used to fulfill specific requirements (e.g the liberal education requirements, the CAS requirements, or courses used in a major/co-major/minor).

### **Planning for Registration**

As you plan for your academic program, keep these important points in mind:

- Have multiple choices selected for each requirement to help the registration process.
- Since you are required to earn credit at the 202 level or higher in a foreign language, we encourage you to either build on your high school courses or start a new language and complete this requirement within your first two years. See the Foreign Language Placement Guide in the Planning Your Schedule section of this guidebook.
- While many Global Miami Plan courses overlap with the CAS requirements, do not assume that all of them will count for both.
- Courses taken to fulfill your major, minor, or major related hours can also count toward the Global Miami Plan and/or the College requirements.

## Pre-Professional Programs

### Pre-Dentistry

Most pre-dental students at Miami pursue an A.B. degree majoring in biology, chemistry, microbiology, or zoology. However, you may choose any major as long as the dental school prerequisite courses are completed. For more information, visit the [Mallory-Wilson Center for Healthcare Education website](#) about preparing for a career in dentistry.

### Pre-Law

Law schools do not require specific courses or majors for admission; however, courses that develop your skills in communication, detailed reading, research, and writing will be helpful. Many students opt to take courses in ethics, literature, logic, history, and/or criminology to help develop these skills. Also, basic courses in accountancy, government, and American politics are desirable. You should connect early with the [Sue J. Henry Center for Pre-Law Education](#) in 159 Upham Hall (513-529-0877), if you are interested in a future in law.

### Pre-Medicine/Healthcare

The choice of major for premedical students is not specified by any medical school. While many students major in biology, chemistry, microbiology, psychology or zoology, most medical schools admit majors from across the board, as long as the student has met the basic science requirements. The premedical and pre-health studies co-major prepares students for admission to a medical or other healthcare professional school. More information is available in Miami's [General Bulletin](#). Students should also connect with the [Mallory-Wilson Center for Healthcare Education](#) in 106 Pearson Hall (513-529-3737) to take advantage of the opportunities and services they offer.

## Arts and Science: Suggested First-Year Courses

"MP" designates a Global Miami Plan Foundation course. ENG 111 can be taken either fall or spring semester, but should be completed within the first year.

### American Studies (A.B.)

**Potential Career Paths:** sales & marketing, journalism, advertising, law, diplomacy, entrepreneurship, public policy, film & television, museums & cultural institutions, education, non-profit administration, social work.

#### Fall semester:

AMS 205 Introduction to American Cultures (3) MP **or** AMS 207 America: Global and Intercultural Perspectives (3) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Natural science (3-4) MP  
 Foreign language (3-4) CAS-A

#### Two of these:

WGS 201 Introduction to Women's Studies (3)  
 CRE 151 Introduction to Critical Race and Ethnicities (3) MP **or** Other MP/CAS course (3)  
 ENG 275 or 276 Life and Thought in American Literature (3) MP  
 HST 111/112 Survey of American History (3) MP  
 HST 212 United States History since 1945 (3)  
 POL 241 American Political System (3) MP

#### Spring semester:

AMS 206 Approaches to American Culture CAS-W MP (3)  
 ENG 111 Composition and Rhetoric (3) MP **or** Natural science (3-4) MP  
 Foreign language (3-4) CAS-A  
 ATH 185 Cultural Diversity of the U.S. (3) MP **or** Other MP/CAS course (3)

#### One of these:

GEO 219 Geography of the United States and Canada (3)  
 POL 142 American Politics and Diversity (3) MP  
 REL 101 American Religious Encounters (3) MP  
 SOC 153 Sociology in a Global Context (3) MP

### Analytics Co-major

To complete the analytics co-major, you must also complete the requirements for a primary major. Students may select any major as the primary major, although majors in statistics, mathematics and statistics, computer science in the College of Engineering and Computing, and information systems in the Farmer School of Business will find the most overlap among the requirements. First select courses recommended for the primary major, and then select courses to satisfy the introductory requirements for the co-major.

#### Fall or spring semester:

STA 261 Statistics (4) MP **or** STA 301 Applied Statistics (3) **or** STA/ISA 125 Introduction to Business Statistics (3)  
 CSE 148 Business Computing (3) **or** CSE 174 Fundamentals of Programming and Problem Solving (3)

**Note:** If you receive AP credit for STA 261, you should enroll in STA 363 Introduction to Statistical Modeling (3) or ISA 225 Principles of Business Analytics (3)

## ***Anthropology (A.B.)***

**Potential Career Paths:** anthropologist, archaeologist, cultural resource manager, health care provider (e.g. nurse, paramedic, physician), human relations manager, human design researcher, human rights advocate, English language instructor, international business manager, international research fieldworker, lawyer, marketing director, medical advocate, medical researcher, museum curator, sales manager, user design consultant.

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

Foreign language (3-4) CAS-A

Humanities, creative arts, or natural science (physical) (3) MP

***Take any one of the following and a 300-level ATH course of your choice:***

ATH 212 Introduction to Archaeological Theory and Methods (4)

ATH 231 Foundations of Cultural Anthropology (4)

ATH 255 Foundations of Biological Anthropology (4)

ATH 265 Introduction to Linguistic Anthropology (4)

### **Spring semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

Foreign language (3-4) CAS-A

Humanities, creative arts, or natural science (physical) (3) MP

***Take an additional ATH core course that wasn't taken in the fall and a 300- level ATH course of your choice:***

ATH 212 Introduction to Archaeological Theory and Methods (4)

ATH 231 Foundations of Cultural Anthropology (4)

ATH 255 Foundations of Biological Anthropology (4)

ATH 265 Introduction to Linguistic Anthropology (4)

## ***Biochemistry (A.B., B.S.)***

**Potential Career Paths:** applied research and product development including foods, pharmaceuticals, biomaterials, genetically modified products; clinical and biomedical research, quality assurance, toxicology, biomedical engineering, medical equipment and drug sales and marketing, bioinformatics. Gaining admission into graduate schools in biochemistry, biophysics, and professional schools in medicine, pharmacy, and health-related sciences.

### **Fall semester:**

CHM 141 or 141H College Chemistry (3) MP and CHM 144 or 144M or 144H College Chemistry Laboratory (2) MP

CHM 147 Introductory Seminar - Chemistry and Biochemistry (1)

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)

MTH 151 Calculus I (4) MP

Humanities, creative arts, or social science (3-4) MP or foreign language (3-4) CAS-A

### **Spring semester:**

CHM 142 or 142M or 142H College Chemistry (3) and CHM 145 or 145M or 145H College Chemistry Laboratory (2)

BIO/MBI 116 Biological Concepts : Structure, Function, Cellular, and Molecular Biology (4) MP strongly recommended

MTH 251 Calculus II (4)

Humanities, creative arts or social science (3-4) MP or Foreign language (3-4) CAS-A

## ***Biological Physics (B.S.)***

**Potential Career Paths:** astrophysicist, nuclear physicist, systems analyst, applications programmer, geophysical surveyor, laser technician, medical physics, medical & dental school, as well as advanced study in the field.

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)

MTH 151 Calculus I (5) or MTH 249 Calculus II (5) MP

PHY 191 General Physics with Laboratory I (5)

PHY 185 Experiencing the Physical World (1)

Humanities, creative arts, social science or global perspectives (3-4) MP or foreign language (3-5) CAS-A

### **Spring semester:**

ENG 111 Composition and Rhetoric (3) or Other MP/CAS course (3)

MTH 251 Calculus II (4) or MTH 252 Calculus III (4)

PHY 192 General Physics with Laboratory II (5)

Humanities, creative arts or social science (3-4) MP or foreign language (3-4) CAS-A

**Note:** Biological physics majors pursuing a premedical studies path should replace the humanities, creative arts, social science or global perspectives (3-4) MP or foreign language (3-5) CAS-A with CHM 141/144 in the fall semester and CHM 142/145 in the spring semester.

## **Biology (A.B., B.S.)**

**Potential Career Paths:** environmental analyst/planner, laboratory technician, park naturalist, healthcare administrator, high school biology teacher, curator in a museum, zoo or botanical garden, or admission to pre-professional schools (medical, veterinary, dental, etc.) or graduate school.

### **Fall semester:**

BIO/MBI 115 Biological Concepts: Ecology, Evolution, Genetics, and Diversity (4) MP  
 BIO 147 Introductory Seminar (1)  
 CHM 141, CHM 144 College Chemistry and Laboratory (3, 2) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Humanities, creative arts, or social science (3-4) MP **or** foreign language (3-4) CAS-A

### **Spring semester:**

BIO/MBI 116 Biological Concepts: Structure, Function, Cellular, and Molecular Biology (4) MP  
 CHM 142, CHM 145 College Chemistry and Laboratory (3, 2)  
 ENG 111 Composition and Rhetoric (3) **or** Other MP/CAS course (3)  
 Humanities, creative arts or social science (3-4) MP **or** Formal reasoning (3-6) CAS-E **or** Foreign language (3-4) CAS-A

## **Botany (A.B., B.S.)**

**Potential Career Paths:** U.S. Forest Service botanist, landscape management & design consultant, marine/freshwater biologist, tissue culture specialist, plant physiologist, agricultural commodity grader, forensic scientist, in addition to gaining admission into graduate and professional schools or entering the profession in education, industry, government, and non-governmental organizations.

### **Fall semester:**

BIO/MBI 115 Biological Concepts: Ecology, Evolution, Genetics, and Diversity (4) MP **or** BIO 191 Plant Biology (4) MP  
 BIO 147 Introductory Seminar (1)  
 CHM 141, CHM 144 College Chemistry and Laboratory (3, 2) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Humanities, creative arts, or social science (3-4) MP **or** foreign language (3-4) CAS-A

### **Spring semester:**

BIO/MBI 116 Biological Concepts: Structure, Function, Cellular, and Molecular Biology (4) MP **or** any Biological Science Foundation Course (3-4) MP  
 CHM 142, 145 College Chemistry and Laboratory (3, 2) **or** Other Natural Science (3-4) MP  
 ENG 111 Composition and Rhetoric (3) **or** Other MP/CAS course (3)  
 Humanities, creative arts, or social science (3-4) MP **or** Formal reasoning-mathematics (3-5) CAS-E **or** foreign language (3-4) CAS-A

## **Chemistry (A.B., B.S.)**

**Potential Career Paths:** applied research and product development including consumer goods, polymers, bulk chemicals; hazardous waste management and environmental chemistry; quality assurance, forensics, chemical engineering, technical sales and marketing, chemical information and patents; gaining admission into graduate schools in chemistry, chemical engineering, and professional schools in medicine, pharmacy, and health-related sciences.

### **Fall semester:**

CHM 141 or 141H College Chemistry (3) MP and CHM 144 or 144M or 144H General Chemistry Laboratory (2) MP  
 CHM 147 Introductory Seminar - Chemistry and Biochemistry (1)  
 ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 MTH 151 Calculus I (4) MP  
 Humanities, creative arts or social science (3-4) MP **or** Foreign language (3-5) CAS-A

### **Spring semester:**

CHM 142 or 142M or 142H College Chemistry (3) and CHM 145 or 145M or 145H College Chemistry Laboratory (2)  
 ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 MTH 251 Calculus II (4)  
 Humanities, creative arts or social science (3-4) MP **or** Foreign language (3-5) CAS-A

## **Classical Studies (A.B.)**

**Potential Career Paths:** research and policy analyst, public relations specialist, communications media planner, executive manager, foreign service representative, travel agent, legislative assistant, editorial assistant in publishing houses, advertising copy editor, in addition to gaining admission into graduate school and professional school of law.

### **Fall semester:**

CLS 101 Greek Civilization (3) MP **or** CLS 121 Classical Mythology (3) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Latin or Greek (3-5) CAS-A, or 200 level CLS course  
 Natural science (3-4) MP  
 Social science (3-4) MP

### **Spring semester:**

CLS 102 Roman Civilization (3) MP or CLS 121 Classical Mythology (3) MP  
 ENG 111 Composition and Rhetoric (3) or Other MP/CAS course (3)  
 Latin or Greek (3-4) CAS-A, or or 200-300 level CLS course  
 Natural science (3-4) MP  
 Social science (3-4) MP

## **Critical Race & Ethnic Studies (A.B.)**

**Potential Career Paths:** range of fields in communications, government, education, and business.

### **Fall semester:**

CRE 151 Introduction to Critical Race and Ethnic Studies (3) MP  
 ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A  
 Formal reasoning (3-5) CAS-E  
 Other MP/CAS course (3) or Elective (to get to 15-16 hours total)

### **Spring semester:**

A course in one of the CRES tracks or AAA/BWS/LAS/WGS 211 (3)  
 ENG 111 Composition and Rhetoric (3) MP (if not taken in the fall) or Natural science (3-4) MP  
 HST 111 or 112 American History (3) MP  
 1 of: SOC 153 Sociology in a Global Context (3), POL 142 American Politics and Diversity (3), ATH 155 Introduction to Anthropology (4), ATH 175 Peoples of the World (3) MP  
 Foreign language (3-4) CAS-A

## **Data Analytics (A.B.)**

**Potential Career Paths:** Data Scientist, IT Systems Analyst, Healthcare Data Analyst, Operations Analyst, Data Engineer, Digital Marketing Manager, Data Analytics Consultant, Quantitative Analyst.

### **Fall semester:**

STA 261 Statistics (4) MP; if you have credit for calculus I take STA 301 Applied Statistics. (3) \*Prerequisite for STA 363  
 Concentration Introductory Course (3)  
 Foreign language (3-4) CAS-A  
 ENG 111 Composition and Rhetoric (3) MP  
 Other MP/CAS course (3)

### **Spring semester:**

MTH 133 Mathematical Foundations of Data Analytics (4) \*Required during 1st year at Miami and offered Spring semester only  
 STA 363 Introduction to Statistical Modeling (3)  
 Foreign language (3-4) CAS-A  
 MP/CAS course (3)  
 Additional MP/CAS course (3) or Additional Concentration Course (3)

### Suggested Introductory Courses by Concentration:

- Bioinformatics: BIO 116 (4) and BIO 256 (3)
- Geospatial Analytics: GEO 101 (3) or GEO 121 (3)
- Social Data:
  - Sociology / Gerontology Emphasis: SOC 153 (3) or GTY 154 (3) or GTY 260 (3)
  - Political Science Emphasis: POL 241 (3) or POL 271 (3)
- Sport Analytics: SLM 275 (3)

**Note:** It is strongly recommended that Data Analytics students complete STA 261 or STA 301, STA 363, and MTH 133 by the end of their first year at Miami.

## **Data Science and Statistics (B.S.)**

**Potential Career Paths:** actuary, data analyst, data scientist, financial planner, investment analyst, psychometrician, along with careers in business, government, education and advanced study in graduate school.

### **Fall semester:**

MTH/STA 147 First Year Seminar in Mathematics and Statistics (1)  
 MTH 151 Calculus I (5) MP or MTH 249 Calculus II (5) or MTH 251 Calculus II (4) MP  
 Students with AP credit for BC Calculus should consult with a MTH advisor about the appropriate MTH course.  
 STA 301 if credit for Calculus I has already been earned.  
 Students with credit for STA 261 should not take STA 301, but should take STA 363 instead.  
 1 of: CSE 174 (3) Fundamentals of Programming and Problem Solving (if credit for Calculus I has been earned) or a MP foundation course.  
 Foreign language (3-4) CAS-A

**Spring semester:**

MTH 251 Calculus II (4) or MTH 252 Calculus III (4) depending on what is taken in the fall semester

MTH 222 Introduction to Linear Algebra (3), if credit for Calc II has been earned

STA 363 (3) and/or STA 401 (3), if earned credit for Calculus II and Intro Statistics (261 or 301), or Statistics elective (e.g. STA 333)

ENG 111 Composition and Rhetoric (3) MP

Foreign language (3-4) CAS-A

**Note:** Completing STA 401 and MTH 222 by the end of the first year opens up the possibility for taking the STA 463/466 sequence in the second year. Even if the STA 463/466 sequence is taken in the third year, a student is well on track for completing the Statistics major by the end of four years.

**Diplomacy and Global Politics (A.B.)**

**Potential Career Paths:** business, international organizations, advanced study in the social sciences and law, foreign service, armed forces, intelligence services, federal, state, and local government, law enforcement, lobbying, think tanks, and non-profit organizations.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

POL 221W Comparative Politics (3) or POL 271W World Politics (3)

Humanities or creative arts (3) MP

Natural science (3-4) MP

Foreign language (3-4) CAS-A

**Spring semester:**

ENG 111 Composition and Literature (3) MP **or** Other MP/CAS course (3)

POL 221 Comparative Politics (3) or POL 271 World Politics (3) (choose non-”W” section of course not taken in the fall)

Humanities or creative arts (3) MP

Foreign language (3-4) CAS-A

Formal reasoning (3-4) CAS-E

**East Asian Languages and Cultures (A.B.)**

**Potential Career Paths:** political science, international relations, business, computer software industry, commercial airline industry, game industry, military, education, publishing, in addition to advanced study in the field.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

CHI 101 Elementary Chinese (4) **or** JPN 101 First-Year Japanese (4) \*or higher, if appropriately placed

Humanities or Creative Arts (3) MP

Natural science (3-4) MP

Social science (3) MP

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

CHI 102 Elementary Chinese (4) **or** JPN 102 First-Year Japanese (4)

Humanities or Creative Arts (3) MP

Natural science (3-4) MP

Social science (3) MP

**Economics (A.B.), Quantitative Economics (B.S.)**

**Potential Career Paths:** forecast analyst, economic analyst, investment banker and adviser, commodities/stock broker, credit accounting coordinator, pension funds administrator, international insurance broker, foundation administrator, foreign trade analyst, in addition to advanced study in the field and professional school in law.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

MTH 151 Calculus I (4) **or** MTH 249 Calculus II (5) MP

Humanities or creative arts (3) MP

Natural science (3-4) MP

Foreign language (3-4) CAS-A

**Spring semester:**

ECO 201 Principles of Microeconomics (3) MP

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

Humanities or creative arts (3-4) MP

Natural science (3-4) MP

Foreign language (3-4) CAS-A

## **Energy Co-major**

To complete the energy co-major, you must also complete the requirements for a primary major. Students may select any major as the primary major, although majors in the biological or physical sciences, social sciences, architecture, and business will find this type of interdisciplinary training the most complementary to their primary majors. First select courses recommended for the primary major, and then select courses to satisfy the introductory requirements for the co-major.

### **Fall semester:**

#### **One of these:**

- PHY 121 Energy and Environment (3) MP **or**
  - PHY 161 Physics for the Life Sciences with Laboratory I (4) MP **or**
  - PHY 191 General Physics with Laboratory I (5) MP
- One of these:**
- MTH 151 Calculus I (5) MP **or**
  - CSE 243 Problem Analysis Using Computer Tools (3) MP **or**
  - ISA 245 Database Systems and Data Warehousing (3) MP

### **Spring semester:**

- IES 211 Energy and Policy (3)

#### **One of these:**

- GEO 121 Global Physical Environments (4) MP **or**
- GLG 121, 115L Environmental Geology and Understanding the Earth (3, 1) MP

## **Engineering Physics (B.S.)**

**Potential Career Paths:** astrophysicist, nuclear physicist, systems analyst, applications programmer, geophysical surveyor, laser technician, electrical engineering, mechanical engineering, civil engineering, as well as advanced study in the field.

### **Fall semester:**

- ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)
- MTH 151 Calculus I (4) **or** MTH 249 Calculus II (5) MP
- PHY 191 General Physics with Laboratory I (5)
- PHY 185 Experiencing the Physical World (1)
- Humanities, creative arts, social science or global perspectives (3-4) MP **or** foreign language (3-5) CAS-A

### **Spring semester:**

- ENG 111 Composition and Rhetoric (3) **or** Other MP/CAS course (3)
- MTH 251 Calculus II (4) **or** MTH 252 Calculus III (4)
- PHY 192 General Physics with Laboratory II (5)
- Humanities, creative arts or social science (3-4) MP **or** foreign language (3-4) CAS-A

## **English (A.B.) (creative writing)**

**Potential Career Paths:** editing/publishing, advertising copywriter, assistant creative director, in addition to law, advertising, editing and publishing, freelance writing, writing for video games, and teaching.

### **Fall semester:**

- ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)
- ENG 226 Introduction to Creative Writing Short Fiction and Poetry (3)
- Foreign language (3-4) CAS-A
- Natural science (3-4) MP
- Social science (3-4) MP

### **Spring semester:**

- ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)
- ENG 298 Introduction to Literary and Cultural Studies (3)
- Foreign language (3-4) CAS-A
- Natural science (3-4) MP
- Social science (3-4) MP

## **English (A.B.) (literature)**

**Potential Career Paths:** professional editing and writing, teaching, advertising and marketing, film and social media, consulting, management, government and NGO work, in addition to advanced study in graduate and professional school (law, business, library science, journalism, and medicine).

### **Fall semester:**

- ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)
- Foreign language (3-4) CAS-A

Natural science (3-4) MP  
 Social science (3-4) MP  
 Introductory literature course (ENG 100- or 200-level)

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A  
 Natural science (3-4) MP  
 Social science (3-4) MP  
 Introductory literature course (ENG 100- or 200-level) **or** ENG 298 Introduction to Literary and Cultural Studies (3)

### ***English (A.B.) (professional writing)***

**Potential Career Paths:** editor and copywriter, grant writer, content strategist, web coordinator, digital media and marketing, usability and user experience specialist, information designer, in addition to advanced study in law, medicine, and library science.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A  
 Social science (3-4) MP  
 Natural science (3-4) MP

***One of these:***

ENG 223 Strategies for Writers (3)  
 ENG 224 Digital Writing and Rhetoric: Composing with Words, Images and Sounds (3)  
 ENG 171 Humanities and Technology (3)

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A  
 Creative arts (3) MP  
 Social science (3-4) MP

***One of these:***

ENG 223 Strategies for Writers (3)  
 ENG 224 Digital Writing and Rhetoric: Composing with Words, Images and Sounds (3)  
 ENG 171 Humanities and Technology (3)

### ***Environmental Earth Science (A.B.)***

**Potential Career Paths:** environmental consulting and planning firms, energy and mineral resource companies, or government agencies, such as the National Park Service, environmental protection agencies, health department as well as in schools and universities, a wide array of both small and large corporations, legal practices, non-profit organizations, and even the news media.

**Fall semester:**

GLG 147 Introductory Seminar to Geology, Earth Science and Environmental Earth Science (1)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Humanities, creative arts, or social science (3-4) MP  
 Foreign language (3-4) CAS-A  
 GLG 115L Understanding the Earth (1) MP and

***One of these:***

GLG 111 The Dynamic Earth (3) MP  
 GLG 121 Environmental Geology (3) MP  
 GLG 141 Geology of U.S. National Parks (3) MP

Note: Students in the Environmental Earth Science major are encouraged, but not required, to select GLG 121.

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 GLG 204 Survival on an Evolving Planet (4)  
 Humanities, creative arts, or social science (3-4) MP  
 Foreign Language (3-4) CAS A

### ***Environmental Science Co-Major***

To complete the environmental science co-major, you must also complete the requirements for a primary major. Students may select any major as the primary major, although majors in the biological or physical sciences will find the most overlap among the requirements. First select courses recommended for the primary major, and then select courses to satisfy the introductory requirements for the co-major.

**Fall or spring semester:*****One of these:***

- ATH 175 Peoples of the World (3) MP  
 GEO 101 Global Forces, Local Diversity (3) MP  
 IES 211 Energy and Policy (3)  
 POL 241 American Political System (3) MP  
 POL 261 Public Administration (3)

***One of these:***

- BIO/MBI 115 Biological Concepts (offered only in fall) (4) MP  
 BIO 121 Environmental Biology (3) MP  
 BIO 131 Plants, Humanity and Environment (3) MP  
 BIO 176 Ecology of North America (3)  
 BIO 191 Plant Biology (4) MP

***One of these:***

- CHM 111, 111L Chemistry in Modern Society and Laboratory (3, 1) MP  
 CHM 142, 145 College Chemistry and Laboratory (3, 2)\* has prerequisites

***One of these:***

- GEO 121 Global Physical Environments (4) MP  
 GEO 122 Geographic Environments (3) MP  
 GLG 111, 115L The Dynamic Earth and Understanding the Earth (3, 1) MP  
 GLG 121, 115L Environmental Geology and Understanding the Earth (3, 1) MP  
 GLG 141, 115L Geology of U.S. National Parks and Understanding the Earth (3, 1) MP

***Film Studies Co-Major***

**Potential Career Paths:** all careers in the film and television industry, managerial and creative; writer/critic; editor; program researcher; archivist; curator; festival programmer; marketer; designer; teacher; professor, and many other related careers.

To complete the film studies co-major, you must also complete the requirements for a primary major. Students may select any major as the primary major, except other majors in MJF.. First select courses recommended for the primary major and then select courses to satisfy the introductory requirements for the co-major.

**Fall or spring semester:**

- FST 201 Film History and Analysis (3) MP  
 MAC 146 Media Aesthetics (3)

***Food Systems and Food Studies Co-Major***

To complete this co-major, you must also complete the requirements for a primary major.

**Fall semester:**

- BIO 131 Plants, Humanity and Environment (3) **or** BIO 191 Plant Biology (4)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Social science (3-4) MP  
 Formal reasoning (3-5) CAS-E

**Spring semester:**

- IES 274 Environment and Sustainability (3)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Social science (3-4) MP

***French (A.B.)***

**Potential Career Paths:** doctor, foreign purchasing agent, international public relations specialist, interpreter, journalist, lawyer, teacher, along with many other careers in business, education, government service, healthcare, journalism, non-governmental organizations, and tourism.

**Fall semester:**

- ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 FRE 301 Culture & Interpretation (3) or lower level French course depending on placement CAS-A  
 FRE 131 Masterpieces of French Literature in Translation (3) MPF, CAS-B-LIT  
 Creative arts (3) **or** other MP/CAS course (3)

Natural science (3-4) MP or social science (3-4) MP

**Spring semester:**

- ENG 111 Composition and Literature (3) MP or Other MP/CAS course (3)
- Humanities or creative arts (3) MP
- Natural science (3-4) MP or social science or (3-4) MP or formal reasoning (3-5) CAS-E
- One of these:
  - FRE 302 Pre-Revolutionary Literature and Life (3)
  - FRE 303 Modern and Contemporary Literature and Life (3)
  - FRE 310 Texts in Context (3)
  - Or, lower level French course (depending on placement) CAS-A

## ***Geography and Sustainable Development (A.B.)***

**Potential Career Paths:** Geographic Information Systems (GIS) analyst, environmental consultant, conservationist, retail/marketing analyst, foreign service representative, transportation planner, careers in international and domestic businesses or in government agencies like the U.S. Environmental Protection Agency, National Park Service, U.S. Geological Survey, Census Bureau, and State Department.

**Fall semester:**

- ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)
- GEO 101 Global Forces, Local Diversity (3) MP or GEO 111 World Regional Geography: Patterns and Issues (3) MP
- GEO 121 Earth's Physical Environments (4) MP or GEO 122 Geographic Perspectives on the Environment (3) MP
- Humanities or creative arts (3) MP
- Foreign language (3-4) CAS-A

**Spring semester:**

- ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)
- GEO 101 Global Forces, Local Diversity (3) MP or GEO 111 World Regional Geography: Patterns and Issues (3) MP
- GEO 121 Earth's Physical Environments (4) MP or GEO 122 Geographic Perspectives on the Environment (3) MP
- Natural science, biological (3-4) MP or Formal reasoning (3-5) CAS-E
- Humanities or creative arts (3) MP
- Foreign language (3-4) CAS-A

## ***Geology (B.S.)***

**Potential Career Paths:** environmental consulting and planning firms, energy and mineral resource companies, or government agencies, such as the National Park Service, environmental protection agencies, health department as well as in schools and universities, a wide array of both small and large corporations, legal practices, non-profit organizations, and even the news media..

**Fall semester:**

- GLG 147 Introductory Seminar to Geology, Earth Science and Environmental Earth Science (1)
- GLG 115L Understanding the Earth (1) MP and

**One of these:**

- GLG 111 The Dynamic Earth (3) MP
- GLG 121 Environmental Geology (3) MP
- GLG 141 Geology of U.S. National Parks (3) MP
- Foreign language (3-4) CAS-A
- ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)
- Natural science or mathematics (3-5) MP

**Spring semester:**

- GLG 204 Survival on an Evolving Planet (4)
- Foreign language (3-4) CAS-A
- ENG 111 Composition and Rhetoric (3) MP
- Humanities, creative arts or social science (3-4) MP
- Natural science or mathematics (3-5) MP

**Note:** Students are also encouraged to complete CHM 141 and 144, MTH 151, PHY 161 or PHY 191 sometime in the first two years.

## ***German (A.B.)***

**Potential Career Paths:** publishing/editing, journalism, marketing, international banking, commercial attaché, the foreign service, international law and teaching.

**Fall semester:**

- ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)
- German (appropriate level) (3-4) CAS-A
- Humanities or creative arts (3) MP
- Natural science (3-4) MP
- Formal reasoning (3-5) CAS-E

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 German (appropriate level) (3-4) CAS-A  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Social science (3-4) MP

***Global and Intercultural Studies Co-Major***

This co-major enhances a primary degree by exploring questions related to global systems of power in our interconnected world; it examines questions related to belonging, identity and culture, as well as economic and political trends. First select courses recommended for the primary major, and then select courses to satisfy the introductory requirements for the co-major.

**Fall semester:**

GIC 101 Global and Intercultural Studies (3) MP

***One of the following:***

AMS 205 Introduction to American Cultures (3) MP **or** AMS 207 America: Global and Intercultural Perspectives (3) MP  
 AAA 201 Introduction to Asian/Asian American Studies (3) MP **or** AAA 207 Asia and Globalization (3) MP  
 CRE 151 Introduction to Critical Race and Ethnicities (3) MP **or** BWS 156 Introduction to Africa (3) MP  
 ITS 201 Introduction to International Studies (3) MP  
 LAS 208 Introduction to Latin America (3) MP **or** LAS 260 Latin America in the United States (3) MP  
 WGS 201 Introduction to Women's Studies (3) MP **or** WGS 202 Introduction to GLBT Studies (3) MP

**Spring semester:**

GIC 301 Approaches to Global and Intercultural Studies (3) MP

***One of the following (different from fall semester):***

AMS 205 Introduction to American Cultures (3) MP **or** AMS 207 America: Global and Intercultural Perspectives (3) MP  
 AAA 201 Introduction to Asian/Asian American Studies (3) MP **or** AAA 207 Asia and Globalization (3) MP  
 CRE 151 Introduction to Critical Race and Ethnicities (3) MP **or** BWS 156 Introduction to Africa (3) MP  
 ITS 201 Introduction to International Studies (3) MP  
 LAS 208 Introduction to Latin America (3) MP **or** LAS 260 Latin America in the United States (3) MP  
 WGS 201 Introduction to Women's Studies (3) MP **or** WGS 202 Introduction to GLBT Studies (3) MP

***History (A.B.)***

**Potential Career Paths:** educator, lawyer, international law and relations researcher, intelligence specialist, technical writer, research analyst, content writer, historical program coordinator, museum curator, journalist, librarian.

**Note:** Only three hours of history survey courses (HST 111, 112, 197, and 198), including credits earned via AP exams, will count toward the major. Students entering with HST credits should consider taking a 200-level history course, especially the required course, HST 206, which must be taken within one semester of declaring the history major.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 Natural science (3-4) MP  
 Creative arts or social science (3-4) MP  
 Foreign language (3-5) CAS-A

***One of these:***

HST 111 or 112 Survey of American History (3)  
 HST 197 or 198 World History (3) MP  
 HST 206 Introduction to Historical Inquiry (3)

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 Natural science (3-4) MP  
 Creative arts or social science (3-4) MP  
 Foreign language (3-4) CAS-A

***One of these (not taken in the fall semester):***

HST 111 or 112 Survey of American History (3)  
 HST 197 or 198 World History (3) MP  
 HST 206 Introduction to Historical Inquiry (3)

***Individualized Studies (Western Program) (A.B.)***

**Potential Career Paths:** Recent graduates have secured positions in environmental education, journalism, cybersecurity, the craft beer industry, sustainable business development, and social services. Others have pursued graduate degrees in business, law, health professions, creative writing, and higher education.

**Fall Semester:**

ENG 111 Composition and Rhetoric (3) or Other MP/CAS course (3)  
 WST 201 Self and Place (3) MP, CAS-B (not required for the major, but it's a good introduction)  
 Foreign language (3-4) CAS-A  
 Natural science (3-4) MP or course of interest connected to individualized exploration  
 Creative arts or formal reasoning (3-5) MP

**Spring Semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 WST 251 Individualized Studies Seminar (1)  
 Foreign language (3-4) CAS-A  
 Natural science (3-4) MP  
 Humanities or social science (3) MP  
 Course of interest connected to individualized exploration (3)

### ***International Studies (A.B.)***

**Potential Career Paths:** foreign service officer, intelligence agent, social welfare worker, foreign correspondent, international money transfer specialist, travel agent, public relations liaison, along with careers in public service (non-profit organizations and government), business (marketing, banking, and transportation), and education and language (translation and teaching).

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 ITS 201 Introduction to International Studies (3) MP  
 POL 271 World Politics (3) or HST 296 World History Since 1945 (3) MP  
 Foreign language, appropriate level (3-4) CAS-A  
 Natural science (3-4) MP (GEO 121 or GLG 111 recommended)

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 ITS 201 Introduction to International Studies (3) MP or POL 271 World Politics (3) or HST 296 World History Since 1945 (3) MP  
 ITS 202 Writing Policy Analysis (3) \*ITS 201 is a prerequisite  
 Foreign language, appropriate level (3-4) CAS-A  
 Humanities or creative arts (3-4) MP  
 Natural science (3-4) MP

### ***Italian Studies (A.B.)***

**Potential Career Paths:** interpreter, travel agent, foreign correspondent, immigration inspector, international public relations specialist, along with careers in international business, international law, diplomacy, and foreign affairs.

**Fall semester:**

ITL 221 Italy, Matrix of Civilization (3) MP **and** ITL 101 Beginner's Course (4), taught only in the Fall, **or** ITL 201 Second Year Italian (3) (depending on placement)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP

**Spring semester:**

ITL 102 Beginner's Course (4) **or** ITL 202 Second Year Italian (3)  
 AMS/FST/ITL 222 Italian American Culture (3) MP **or** CLS 102 Roman Civilization (3) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP **or** social science (3-4) MP **or** formal reasoning (3-5) CAS-E

### ***Journalism (A.B.)***

**Potential Career Paths:** Reporter, editor, videographer, photographer for newspaper, magazine, TV, radio or web-only news organization; freelance journalist; web writer in non-profit or corporate world; press secretary in the political world; content producer for any organization that communicates with audiences or consumers.

**Fall semester:**

JRN 101 Introduction to Journalism (3) MP  
 JRN 102 Precision Language for News Writing (3)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A

Natural science (3-4) MP

**Spring semester:**

JRN 201 Reporting and News Writing I (3)

MJF 105 Introduction to Media and Culture (3) MP

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)

Foreign language (3-4) CAS-A

Notes: Journalism students are required to earn a second major.

## ***Latin American, Latino/a and Caribbean Studies (A.B.)***

**Potential Career Paths:** Peace Corps volunteer, Teach For America teacher, employment in local or national government or international businesses, along with careers in business, journalism, diplomacy, foreign affairs, teaching, and academia.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)

LAS 208 Introduction to Latin America (3) MP or LAS/HST 260 Latin America in the U.S. (3) MP or LAS/ HST 217 Modern Latin American History (3)

Additional MP/CAS courses (6)

Foreign language (SPN, POR, or FRE), appropriate level (3-4) CAS-A

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)

LAS 208 Introduction to Latin America (3) MP or LAS/HST 260 Latin America in the U.S. (3) MP or LAS/HST 217 Modern Latin American History (3)

Additional MP/CAS course (6)

Foreign language (SPN, POR, or FRE), appropriate level (3-4) CAS-A

## ***Linguistics (A.B.)***

**Potential Career Paths:** teacher of English as a second language, librarian or archivist, cross-cultural communication specialist, public relations material writer, speech recognition specialist, U.S. information agency program specialist, along with careers in software development, medicine, international relations, bilingual and foreign language education, TESOL, marketing, translation, law, politics, communications, journalism, and publishing.

**Fall semester:**

ATH 155 Introduction to Anthropology (3) MP or PSY 111 & 112 Introduction to Psychology (3 & 1) MP

ENG 111 Composition and Rhetoric (3) MP or PHY 101 Physics and Society (3) MP or Other MP/CAS course (3)

ENG 201 Language Awareness (3) MP

ATH/ENG/GER 219 Introduction to Linguistics (3) MP\*

Foreign language (3-4) CAS-A

**Spring semester:**

ATH 175 Peoples of the World (3) MP

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)

ENG 202 Varieties of English (3) MP

Foreign language (3-4) CAS-A

Humanities or creative arts (3) MP

\*May be taken in fall or spring.

## ***Mathematics, Mathematics & Statistics (A.B. or B.S.)***

**Potential Career Paths:** actuary, financial planner, investment analyst, psychometrician, along with careers in business, government, education and advanced study in graduate school.

The mathematics and mathematics & statistics majors provide useful tools for success in business, computing, engineering, and the physical and social sciences.

**Note:** Math & Statistics majors - For those who have Calculus I credit, take STA 301; those with AP credit for STA 261 cannot take STA 301, and should instead take STA 363.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)

Foreign language (3-4) CAS-A

Natural science (3-4) MP or other MP course

MTH/STA 147 First Year Seminar in Mathematics and Statistics (1)

MTH 151 Calculus I (4) MP or MTH 249 Calculus II (5) MP See placement guide for appropriate course.

Note: Students with AP credit for BC Calculus should consult with a MTH advisor about the next appropriate MTH/STA course. Students in the Honors College with AP credit for BC Calculus are advised to wait until the spring when MTH 252H is offered and consult with a MTH advisor about taking MTH 222 or 222T/331T. Statistics majors should speak with a STA advisor about taking STA 301 in the fall.

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)

Foreign language (3-4) CAS-A

Continue MP course work (6)

MTH 251 Calculus II (4) or MTH 252 (or 252H) Calculus III (4).

Consult with a MTH/STA advisor about additional possibilities, such as MTH 222 or STA 301.

**If interested in programming and computing, take:**

CSE 153 Introduction to C/C++ Programming (3) or CSE 163 Introduction to Computer Concepts and Programming (3) MP or CSE 174 Fundamentals of Programming and Problem Solving (3), **Note:** Any of the above CSE courses also satisfies the programming requirement of the Related Area Hours.

## **Media and Communication (A.B.)**

**Potential Career Paths:** communication consultant, media specialist, telecommunications specialist, graphics and production specialist, technical director, along with careers in film and television production; media sales and management; media promotion; public relations; corporate communications; law; public policy and broadcast journalism, advertising and sales representative.

**Fall semester:**

MJF 105 Introduction to Media and Culture (3) MP  
 MJF 205 Introduction to Technology and Communication (3)  
 ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A  
 Natural science (3-4) MP

**Spring semester:**

MJF 146 Foundations of Production (3)  
 ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A  
 Humanities, creative arts, social science (3-4) MP  
 Natural science (3-4) MP

## **Medical Laboratory Science (B.S.)**

**Potential Career Paths:** medical laboratory scientist, research lab scientist, MLS specialist in hematology, medical microbiology, parasitology, mycology, molecular biology, immunohematology and clinical chemistry. Public health lab scientist along with other careers within the clinical laboratory, public health laboratory, research or industrial laboratory. Often go on to advanced study in graduate or professional school.

Administered by the Microbiology department, this degree is available as a combined program. See the **General Bulletin** for program details.

**Fall semester:**

BIO/MBI 115 Biological Concepts : Ecology, Evolution, Genetics, and Diversity (4) MP  
 MBI 147 Microbiology Introductory Seminar (1)  
 CHM 141, 144 College Chemistry and Laboratory (3, 2) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A **or** Humanities, creative arts, or social science (3-4) MP

**Spring semester:**

BIO/MBI 116 Biological Concepts : Structure, Function, Cellular, and Molecular Biology (4) MP  
 CHM 142, 145 College Chemistry and Laboratory (3, 2)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A **or** Humanities, creative arts, or social science (3-4) MP

## **Microbiology (A.B., B.S.)**

**Potential Career Paths:** staff microbiologist, lab technician, research assistant, technical sales representative, along with careers in universities, colleges, schools, hospitals, government agencies (CDC, EPA, NASA), congress, industry (biotechnology, food safety, pharmaceutical, food technology), business (patent law, intellectual property), and communications (medical & science writers). Many go on to advanced study in graduate or professional school.

**Fall semester:**

BIO/MBI 115 Biological Concepts: Ecology, Evolution, Genetics, and Diversity (4) MP **or** MBI 121, 123 The Microbial World and Experimenting with Microbes (3, 1) MP  
 MBI 147 Microbiology Introductory Seminar (1)  
 CHM 141, 144 College Chemistry and Laboratory (3, 2) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A **or** Humanities, creative arts, or social science (3-4) MP

**Spring semester:**

BIO/MBI 116 Biological Concepts: Structure, Function, Cellular, and Molecular Biology (4) MP  
 CHM 142, 145 College Chemistry and Laboratory (3, 2)  
 ENG 111 Composition and Rhetoric (3) **or** Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A **or** Humanities, creative arts, or social science (3-4) MP

## **Neuroscience Co-Major**

This co-major is multidisciplinary, including coursework in biology, psychology, chemistry and statistics. It provides a basic framework for students planning advanced work at the graduate level. To complete this co-major, you must also complete the requirements for a primary major. First select courses recommended for the primary major, and then select courses to satisfy the introductory requirements for the co-major.

### **Fall semester:**

BIO/MBI 115 Biological Concepts: Ecology, Evolution, Genetics, and Diversity (4)

CHM 141, 144 College Chemistry and College Chemistry Lab (3, 2) MP

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

Foreign language (3-4) CAS-A

### **Spring semester:**

BIO/PSY 159 Seminar in Neuroscience (1)

BIO/MBI 116 Biological Concepts: Structure, Function, Cellular and Molecular Biology (4) MP

CHM 142, 145 College Chemistry and Chemistry Laboratory (3, 2) MP

ENG 111 Composition and Rhetoric (3) MP **or** PSY 251 Introduction to Biopsychology (3) **or** Other MP/CAS course (3)

Foreign language (3-4) CAS-A

**Note:** PSY 111 Introduction to Psychology and PSY 112 Foundational Experiences in Psychology are not required for the co-major, but many students with this co-major opt to take it to fulfill their MP Social Science requirement.

## **Organizational Leadership (A.B.)**

**Potential Career Paths:** Businesses (consulting), startup company, finance and insurance, non-profit management, governmental agencies, sales, manufacturing and distribution, human resources, marketing and market research, healthcare, and retail management.

### **Fall semester:**

SOC 153 Sociology in a Global Context (3) MP

PSY 111 Introduction to Psychology (3) MP

PSY 112 Foundation Experiences in Psychology (1)

Humanities or creative arts (3) MP

ENG 111 Composition and Rhetoric (3) MP or Natural science (3-4) MP

Foreign language (3-4) CAS-A

### **Spring semester:**

PSY 221 Social Psychology (3)

SOC 262 Research Methods (3)

Humanities or creative arts (3) MP

ENG 111 Composition and Rhetoric (3) MP or Natural science (3-4) MP

Foreign language (3-4) CAS-A

## **Philosophy (A.B.)**

**Potential Career Paths:** lawyer, entrepreneur, social worker, college or university professor, public relations specialist, research analyst, foreign diplomacy representative, along with careers in law, government, medicine, bioethics, education, administration, business, social work, public service, the military, public relations, library work, publishing, and systems analysis.

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

Natural science (3-4) MP

Social science or (3-4) MP

Foreign language (3-4) CAS-A

**One of these:**

PHL 103 Society and the Individual (3) MP

PHL 104 Purpose or Chance in the Universe (3) MP

PHL 105 Theories of Human Nature (3) MP

PHL 131 Introduction to Ethics (3) MP

### **Spring semester:**

ENG 111 Composition and Rhetoric (3) **or** Other MP/CAS course (3)

Natural science (3-4) MP

Social science (3-4) MP

Foreign language (3-4) CAS-A

**One of these:**

PHL 205 Science and Culture (3)

PHL 241 Aesthetics (3)

PHL 245 Writing Philosophy (3)  
 PHL 263 Informal Logic (3)  
 PHL 273 Formal Logic (4) MP  
 PHL 265 Confronting Death (3)

## **Physics (B.S.)**

**Potential Career Paths:** astrophysicist, nuclear physicist, systems analyst, applications programmer, geophysical surveyor, laser technician, as well as advanced study in the field.

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 MTH 151 Calculus I (5) or MTH 249 Calculus II (5) MP  
 PHY 191 General Physics with Laboratory I (5)  
 PHY 185 Experiencing the Physical World (1)  
 Humanities, creative arts, social science or global perspectives (3-4) MP or foreign language (3-5) CAS-A

### **Spring semester:**

ENG 111 Composition and Rhetoric (3) or Other MP/CAS course (3)  
 MTH 251 Calculus II (4) or MTH 252 Calculus III (4)  
 PHY 192 General Physics with Laboratory II (5)  
 Humanities, creative arts or social science (3-4) MP or foreign language (3-4) CAS-A

## **Political Science (A.B.)**

**Potential Career Paths:** international administrator, political geographer, civil preparedness officer, campaign consultant, court administrator, economic risks analyst, fund-raising specialist, along with advanced study in the social sciences and law and careers in business, the foreign service, the armed forces, federal, state, and local government, law enforcement, lobbying, and non-profit organizations.

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 POL 241W American Political System (3)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Foreign language (3-4) CAS-A

### **Spring semester:**

ENG 111 Composition and Rhetoric (3)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Foreign language (3-4) CAS-A  
 Formal reasoning (3-5) CAS-E

**Note:** Take POL 201W or 261W or 271W in the fall semester, if you have earned AP or other credit for POL 241 and/or 221

## **Premedical Studies Co-Major**

The Premedical Studies Co-Major is designed to provide students with a broad-based science background that prepares them to pursue advanced degrees in medicine as well as other healthcare related fields. The co-major must be taken in conjunction with a primary major (it cannot be taken independently), and students are free to pursue any primary major offered at Miami. There are many ways in which students can schedule the classes required of the co-major (this is highly influenced by their primary major), and there is no right or wrong timeline for getting into a health professions school. However, if they hope to start medical school directly after they graduate, we strongly recommend that they take at least college chemistry and PMD 101 during the fall semester or plan to take classes in the summer after their first year. Lastly, we recommend students take biology in their first year, especially if they are planning to major in a biological science.

### **Fall Semester:**

BIO/MBI 115 Biological Concepts: Ecology, Evolution, Genetics, and Diversity (4)  
 CHM 141, 144 College Chemistry and College Chemistry Lab (3, 2) MP  
 ENG 111 Composition and Rhetoric (3) MP or Other composition course (3)  
 PMD 101 Explorations in Healthcare Careers (1)

### **Spring Semester:**

BIO/MBI 116 Biological Concepts: Structure, Function, Cellular, and Molecular Biology (4) MP  
 CHM 142, 145 College Chemistry and Chemistry Laboratory (3, 2) MP  
 ENG 111 Composition and Rhetoric (3) MP or Other composition course (3)

## ***Psychology (A.B.)***

**Potential Career Paths:** youth counselor, case worker, criminologist, clinical psychologist, personnel administrator, market research analyst, health policy planner, along with advanced study in psychology, counseling, personnel, business administration, usability testing and design, medicine, nursing, law, education, neuroscience, and social work.

### **Fall semester:**

PSY 111 Introduction to Psychology (3) and PSY 112 Foundational Experiences in Psychology (1)\*  
 ENG 111 Composition and Rhetoric (3) MP or other MP/CAS course (3)  
 STA 261 Statistics (4) MP, CAS-E or other MP/CAS course (3)\*\*  
 Humanities or creative arts (3) MP  
 Natural science (preferably a biological science) (3-4) MP  
 Foreign language (3-4) CAS-A

### **Notes:**

\* If you have credit for PSY 111 Introduction to Psychology, take PSY 112M Foundational Experiences in Psychology (1) and any 200-level PSY course.  
 \*\* If you have credit for STA 261, wait to take PSY 293 in the spring semester

### **Spring semester:**

ENG 111 Composition and Rhetoric (3) MP or Humanities or Creative Arts (3) MP  
 PSY 111 Introduction to Psychology (3) MP and PSY 112 Foundational Experiences in Psychology (1)  
 PSY 293 Introduction to Psychological Statistics (4) or Other 200 level PSY course (3)\*  
 Natural science (3-4) MP  
 Foreign language (3-4) CAS-A

**Note:** Many 200 level PSY courses have PSY 111 as a prerequisite

## ***Public Administration (A.B.)***

**Potential Career Paths:** city manager, community development director, homeland security coordinator, Congressional aide, legislative analyst, government relations director, organizational behavior specialist, federal, state, and local government, law enforcement, and non-profit organizations as well as advanced study in public administration, public policy analysis, and related fields.

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 POL 241 American Political System (3)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Social science (3-4) MP or foreign language (3-5) CAS-A

### **Spring semester:**

ECO 201 Principles of Microeconomics (3) MP or foreign language (3-5) CAS-A  
 ENG 111 Composition and Rhetoric (3) or Other MP/CAS course (3)  
 POL 261W Public Administration (3)  
 Natural science (3-4) MP  
 Formal reasoning (3-4) CAS-E

**Note:** Take POL 261W in the fall semester, if you have earned AP or other credit for POL 241.

## ***Public Health (A.B.)***

**Potential Career Paths:** Health department administration; healthcare administration; disaster preparedness; consultant for pharmaceutical brands, healthcare organizations or insurance companies; health policy; non-profit specializing in a specific population (e.g. minorities, veterans, or mothers).

### Human Disease and Epidemiology Concentration:

#### **Fall semester:**

MBI 147 Introductory Seminar (1)  
 MBI 131 Community Health Perspectives (3) MP or KNH 125 Introduction to Public Health (3) MP  
 CHM 141, 144 College Chemistry and Laboratory (3, 2) MP  
 ENG 111 Composition and Rhetoric (3) MP or other MP course (3)  
 Foreign language (3-4) CAS-A

#### **Spring semester:**

BIO/MBI 116 Biological Concepts: Structure, Function, Cellular, and Molecular Biology (4)  
 CHM 142, 145 College Chemistry and Laboratory (3, 2)  
 ENG 111 Composition and Rhetoric (3) MP or other MP course (3)  
 Foreign language (3-4) CAS-A

Health Policy & Administration Track:

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP course (3)  
 POL 261 Public Administration (3) MP or Other MP course (3)  
 MBI 131 Community Health Perspectives (3) MP or KNH 125 Introduction to Public Health (3) MP  
 Humanities or creative arts (3) MP  
 Foreign language (3-4) CAS-A

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP course (3)  
 POL 261 Public Administration (3) MP or Other MP course (3)  
 MBI 111 Microorganisms and Human Disease (3) MP  
 Humanities or creative arts (3) MP  
 Foreign language (3-4) CAS-A

**Note:** POL 261 can be taken in either the fall or spring semester

***Religion, Comparative (A.B.)***

**Potential Career Paths:** law, public policy, foreign service, national security, the armed forces, public relations, social service, NGOs, teaching, community development, museum or archival work, counseling.

**Fall semester:**

REL 101 Introduction to the Study of Religion (3) or 200 level REL course from: (A) 233, 241, 275, 286 or (B) 203, 223, 226 (3)  
 ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A  
 Humanities or creative arts (3) MP  
 Natural science or social science (3-4) MP

**Spring semester:**

REL 101 Introduction to the Study of Religion (3) or 200 level REL course from: (A) 233, 241, 275, 286 or (B) 203, 223, 226 (3)  
 ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A  
 Humanities or creative arts (3) MP  
 Natural science or social science (3-4) MP

***Russian, Eastern European, and Eurasian Studies (A.B.)***

**Potential Career Paths:** human rights advocate, foreign correspondent, translator or interpreter, U.S. information agency program specialist, export/import sales manager as well as advanced study in area studies, political science, history, Russian language and literature, international business, law, diplomacy, or library science.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 RUS 101 Beginning Russian (4) (or upper-level language course, depending on placement)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Social science (3-4) MP  
 Formal reasoning (3-5) CAS-E

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 RUS 102 Beginning Russian (4) (or upper-level course, depending on previous semester)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Social science (3-4) MP

***Social Justice (A.B.)***

**Potential Career Paths:** Potential Career Paths: community organizers, public policy analysts, conflict resolution specialists, political campaigners, mediators, activists, human relations workers, NGO workers, human rights groups, workers in environmental organizations, alternative media, human rights groups, political campaigns, religious organizations, international agencies, rights advocates, journalists, and lobbyists.

**Fall semester:**

SOC/SJS 165 Introduction to Social Justice Studies (3) MP  
 ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Foreign language (3-4) CAS-A

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 STA 261 Statistics (4) MP  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Foreign language (3-4) CAS-A

***Sociology (A.B.)***

**Potential Career Paths:** Community development, non-profit management, policy analyst, social science research, personnel management and human resources, labor relations, educator, higher education administration, educator, attorney, law enforcement, corrections officer, case management, rehabilitation counseling, public relations, program planning, advocacy, human services, and health care.

**Fall semester:**

SOC 153 Sociology in a Global Context (3) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Foreign language (3-4) CAS-A

**Spring semester:**

SOC elective course at the 200-level (3)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Humanities or creative arts (3) MP  
 Natural science (3-4) MP  
 Foreign language (3-4) CAS-A

***Spanish (A.B.)***

**Potential Career Paths:** Education: schools and higher education, publishing companies; Service: social work, law enforcement, public health; Government: translation and interpretation, FBI, CIA, DEA, foreign service; Communication: journalism, marketing, mass media with a focus on Spanish population in the US or abroad; Business: customer support, international firms and banks, export firms, travel and entertainment industries.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 SPN 311 Grammar Review and Introductory Composition (3)\*  
 Natural science (3-4) MP  
 Additional Miami Plan courses (6)

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 SPN 312 Introduction to Spanish Language/Linguistics (3)\*  
 SPN 315 Introduction to Hispanic Literature (3)\*  
 Natural science (3-4) MP  
 Additional Miami Plan courses (6-9; depends on SPN courses taken)

\*or lower-level Spanish course depending on placement

***Speech Pathology and Audiology (B.S.)***

**Potential Career Paths:** Certified speech pathologists and audiologists are employed in public school systems, hospitals, community speech and hearing centers, state and federal government agencies, industries, nursing homes and private practices.

**Fall semester:**

SPA 127 Introduction to Communication Disorders (3) MP (may be taken in the spring semester) **or** Other MP/CAS course (3)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 BIO 161 Principles of Human Physiology (4) MP or PHY 131 Physics for Music (3) MP **or** PHY 101 Physics and Society (3) MP  
 Foreign language (3-4) CAS-A

**Spring semester:**

EDP 201 Human Development and Learning in Educational Environments (3) MP **or** PSY 111 and PSY 112 Introduction to Psychology (3, 1) MP  
 FSW 261 Child Development (3) **or** an elective or Other MP/CAS course (3)  
 BIO 161 Principles of Human Physiology (4) MP **or** PHY 131 Physics for Music (3) MP **or** PHY 101 Physics and Society (3) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A

***Strategic Communication (A.B.)***

**Potential Career Paths:** public relations marketing specialist, social media manager, advertising account executive, government public information officer, corporate communication director, research analyst, customer service representative, as well as advanced study in communication and related disciplines, including law school.

**Fall semester:**

MJF 105 Introduction to Media (3) MP and/or JRN102 Precision Writing (3)  
 ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A  
 Humanities, creative arts or social science (3-4) MP  
 Natural Science (3-4) MP

**Spring semester:**

MJF 205 Communications and Technology (3) and/or STC 259 Introduction to Strategic Communication (3) and/ or STC 135 Public Expression and Critical Inquiry (3) and/or MJF 146 Media Aesthetics (3) (and/or MJF 105 or JRN 102 if not taken above)  
 ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)  
 Foreign language (3-4) CAS-A  
 Humanities, creative arts or social science (3-4) MP  
 Natural Science (3-4) MP

**Note:** Strategic communication students are required to earn a minor in order to complete this major.

***Sustainability Co-Major***

To complete the Sustainability Co-major, you must also complete a primary major. Students may select any major as the primary major, although majors in business, creative arts, humanities and social sciences will find the most overlap among the requirements. First select courses recommended for the primary major, and then select courses to satisfy the introductory requirements for the co-major.

**Fall or spring semester:**

IES 274 Introduction to Environment and Sustainability (3)  
 BIO 131 Plants, Humanity, and Environment (3) MP **or** BIO 176 Ecology of North America (3) MP **or** BIO 121 Environmental Biology (3) MP  
 GEO 121 Earth's Physical Environment (4) MP **or** GLG 121 Environmental Geology (3) and GLG 115L Understanding the Earth (1) MP

***One of these:***

ARC 188 Ideas in Architecture (3) MP  
 ATH 175 Peoples of the World (3) MP  
 GEO 101 Global Forces, Local Diversity (3) MPECO 131 Economic Perspectives on Inequality in America (3) MP  
 ECO 201 Microeconomics (3) MP  
 POL 261 Public Administration (3) MP

***Undeclared - Arts & Science*****Fall semester:**

UNV 101 I am Miami (1)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)  
 Creative arts or humanities or social science (3-4) MP  
 Natural Science (3-4) MP  
 Mathematics or foreign language (3-4) MP or CAS-A

**Spring semester:**

EDL 100 Career Development for College Students (2)  
 ENG 111 Composition and Rhetoric (3) MP **or** Elective area of interest (3)  
 Creative arts or humanities or social science (3-4) MP (different area than taken in the fall)  
 Natural science (3-4) MP  
 Mathematics or foreign language (3-4) MP or CAS-A

**Note:** students should choose courses from the Miami Plan that also explore their interests and might lead to a potential majors.

***Urban and Regional Planning (A.B.)***

**Potential Career Paths:** urban planner, community or economic development, planning/design consultant, real estate developer, corporate strategic planning,

public or non-profit administration, sustainable design professional, Geographic Information Systems specialist, and other careers requiring an integrative view of urban development and systematic problem-solving skills.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)

GEO 101 Global Forces, Local Diversity (3) MP

Foreign language (3-4) CAS-A

**2-3 of these (to equal 15-16 hours):**

ARC 188 Ideas in Architecture (3) MP

GEO 121 Earth's Physical Environments (4) MP or GEO 122 Geographic Perspectives on the Environment (3) MP or natural science (3-4) MP

Natural science, biological (3-4) MP or Formal reasoning (3-5) CAS-E

Humanities or Global Perspectives (3) MP

Other MP/CAS course or elective

**Spring semester:**

ENG 111 Composition and Literature (3) MP or Other MP/CAS course (3)

GEO 201 Geography of Urban Diversity (3) MP

Foreign language (3-4) CAS-A

**2-3 of these (not taken in fall semester, to equal 15-16 hours):**

ARC 188 Ideas in Architecture (3) MP

GEO 101 Global Forces, Local Diversity (3) MP

GEO 121 Earth's Physical Environments (4) MP or GEO 122 Geographic Perspectives on the Environment (3) MP or natural science (3-4) MP

Natural science, biological (3-4) MP or Formal reasoning (3-5) CAS-E

Humanities or Global Perspectives (3) MP

Other MP/CAS course or elective

## **Women's, Gender and Sexuality Studies (A.B.)**

**Potential Career Paths:** public information coordinator, women's/GLBT health advocate, community planning specialist, public opinion analyst, personnel officer, community-based educator as well as advanced study in law school, graduate school in many fields, public service and private sector careers, political leadership positions, and teaching in both K-12 and higher education.

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

WGS 201 Introduction to Women's Studies (3) MP

Foreign language (3-4) CAS-A

Humanities, creative arts or social science (3) MP

Natural science (3-4) MP

**Spring semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

Foreign language (3-4) CAS-A

Humanities, creative arts or social science (3) MP

Natural science (3-4) MP

WGS elective (3)

## **Zoology (A.B., B.S.)**

**Potential Career Paths:** park naturalist, laboratory technician, fisheries manager, environmental planner, healthcare administrator, high school biology teacher, curator in a museum, zoo or botanical garden, or admission to pre-professional schools (medical, dental, veterinary, physical therapy).

**Fall semester:**

BIO/MBI 115 Biological Concepts: Ecology, Evolution, Genetics, and Diversity (4) MP

BIO 147 Introductory Seminar (1)

CHM 141, 144 College Chemistry and Laboratory (3, 2) MP

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

Humanities, creative arts or social science (3-4) MP **or** Foreign language (3-4) CAS-A

**Spring semester:**

BIO/MBI 116 Biological Concepts: Structure, Function, Cellular, and Molecular Biology (4) MP

CHM 142, 145 College Chemistry and Laboratory (3, 2)

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)

Humanities, creative arts or social science (3-4) MP **or** Foreign language (3-4) CAS-A **or** Formal reasoning (3-6) CAS-E

## **College of Creative Arts**

**Center for Performing Arts (CPA), 513-529-6010**

Interim Assistant Dean: Chad Reynolds, 103 CPA, 513-529-1517

## Audition/Portfolio Requirement

All prospective students (except those applying to Art and Architecture History, Arts Management & Arts Entrepreneurship, or Emerging Technology in Business and Design) must submit a portfolio or separate application or complete an audition/interview **at the time of application to the university** to be directly admitted into a creative arts program.

## No-Major Option (CCA Undeclared)

If you were not directly admitted into the creative arts major of your choice or if you are unsure of which major you are interested in pursuing, you may declare a Creative Arts - Undeclared major. This allows you to strengthen your application to a selected degree program and/or to explore various options for majors in the arts. Note that this may extend the time required to complete your degree.

The following first-year course recommendations allow you to choose a broad range of electives and sample creative arts courses on a space-available basis. Please see a divisional advisor to plan a course of study.

### **Architecture or Interior Design** (*prospective majors*)

#### **Fall semester suggested coursework:**

Coursework to help build portfolio:

ARC 105 Introduction to Architecture (3) (if offered) **or** select one or two beginning studio courses:

- ART 125 Beginning Printmaking (1.5)
- ART 140 Beginning Glass (1.5)
- ART 147 Beginning Art Photography (1.5)
- ART 149 Beginning Digital Photography (1.5)
- ART 155 Beginning Drawing (1.5)
- ART 160 Beginning Ceramics (1.5)
- ART 165 Beginning Metals (1.5)
- ART 175 Beginning Sculpture (1.5)

ART 111 Design and Composition (3)\* or ART 121 Observational Drawing (3)

ARC 212 Principles of Environmental Systems (3)\*\* MP **or** ARC 107 Global Design (3) MP **or** ARC 188 Ideas in Architecture (3) MP

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation IV course (3)

#### **Spring semester suggested coursework:**

ARC 107 Global Design (3) MP **or** ARC 188 Ideas in Architecture (3) MP

ARC 222 History of Architecture II (3) MP

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation IV course (3-4)

Miami Plan Foundation IIC or Intercultural Perspectives course (3)

\* This course has special computer requirements; consult an art advisor.

\*\*We recommend you talk with an ARC+ID advisor before enrolling in this course.

### **Art, Art Education, and Communication Design** (*prospective majors*)

If you have not submitted a portfolio at the time of your application to Miami University and want to declare a concentration in **studio art or art education**, you must successfully complete a minimum of six credit hours of art studio courses and be enrolled in at least six additional hours of art studio when you submit a portfolio for review. For art education, you must also have completed ART 195 Introduction to Art Education. For further information about admission to studio art, please see the chief departmental advisor for art. To learn more about art education, please contact art education professors Dr. Baer (baersa@miamioh.edu) or Dr. Danker (dankers@miamioh.edu).

Any student wishing to pursue advanced study in **communication design**, including those admitted to pre-communication design, must complete:

- ART 102 Color Theory (1.5)
- ART 111 Design and Composition (3)
- ART 121 Observational Drawing (3)
- ART 151 Pre-Communication Design (1)
- ART 252 Image (3)
- A portfolio review in the spring semester (a student is not eligible for the portfolio review unless the above coursework is completed or in progress)

#### **Fall semester suggested coursework:**

ART 111 Design and Composition (3)\*

ART 121 Observational Drawing (3)

ART 102 Color Theory and Practice (1.5)

ART 103 Creative Practices in New Technology (1.5)

Additional course for Art Education:

ART 195 Introduction to Art Education (3) MP

ART 162 Arts of Africa, Oceania, and Native America (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP\*\* **or** ART 286 History of Asian Art, China, Korea, and Japan (3) MP  
ART 281 Contemporary Art Forum (1)

UNV 101 I Am Miami (1)

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
Miami Plan Foundation course (3)

#### **Spring semester suggested coursework:**

ART 111 Design and Composition (3)\* **or** ART 121 Observational Drawing (3) (if not completed in the fall)

ART 104 Problem Solving (1.5)

ART 105 Technical Drawing (1.5)

ART 106 Figure Drawing (1.5) *ART121 is prerequisite*

Additional course for Communication Design:

ART 151 Pre-Communication Design (1)

ART 162 Arts of Africa, Oceania, and Native America (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP\*\* **or** ART 286 History of Asian Art, China, Korea, and Japan (3) MP  
ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
Miami Plan Foundation courses (3-6)

\* This course has special computer requirements; consult an art advisor.

\*\* This course must be one of the choices either semester.

### **Music (prospective majors)**

#### **Fall semester suggested coursework:**

MUS 185 The Diverse Worlds of Music (3) MP **or** MUS 186 Global Popular Music (3) MP

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation IV course (3-4)

Miami Plan Global Perspectives course (3)

Miami Plan Intercultural Perspectives course (3)

Music ensemble (1)

### **Theatre (prospective majors)**

#### **Fall semester suggested coursework:**

THE 101 Introduction to Theatre: Drama and Analysis (3) MP

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation courses (9-12)

## **Creative Arts: Required and Suggested First-Year Courses**

### **Architecture + Interior Design**

There are two undergraduate programs in the Department of Architecture + Interior Design. The **BA in Architecture** is a pre-professional degree that prepares students to enter a two-year professional Master of Architecture program, such as the program that Miami University offers. The CIDA-accredited **BFA in Interior Design** offers a professional undergraduate education that prepares students to enter practice immediately upon graduation or to pursue further graduate-level education.

**Potential Career Paths:** careers in architecture or design firms, community-based design, sustainable design, design for social justice, virtual building modeling/building information modeling, human-centered experience, design thinking, healthy environments, professional identity and branded environments, historic preservation & restoration, adaptive reuse

### **Architecture (*Bachelor of Arts in Architecture*) and Interior Design (*Bachelor of Fine Arts*)**

#### **First-Year Schedule**

#### **Fall semester:**

##### Required courses:

ARC 101 Beginning Design Studio (5)

ARC 103 Shop Methods and Materials (1)

ARC 113 Graphic Media I (2)

UNV 101 I Am Miami (1)

##### Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)

Miami Plan Foundation IV course (3-4)

**Spring semester:**

Required courses:

ARC 102 Beginning Design Studio (5)  
ARC 114 Graphic Media II (2)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)  
Miami Plan Foundation IV course (3-4)  
Miami Plan Foundation IIC or Intercultural Perspectives course (3)

## Art

The Department of Art offers four-year curricula leading to the Bachelor of Fine Arts in studio art (with concentrations in ceramics, metals, painting, photography, printmaking, or sculpture) or in communication design. Also offered is the Bachelor of Science in Art for teaching licensure in multi-age visual arts and the Bachelor of Arts in Art and Architecture History.

### ***Studio Art: Bachelor of Fine Arts***

**Potential Career Paths:** careers in museums and galleries, education, graphic art, computer graphics, illustration, advertising, medical & scientific illustration, animation, cartoons, art direction, creative direction, photography, art therapy

**Fall semester:**

Required courses:

ART 102 Color Theory (1.5)  
ART 103 Creative Technology (1.5)  
ART 111 Design and Composition (3)\*  
ART 121 Observational Drawing (3)  
ART 162 Arts of Africa, Oceania, and Native America (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP\*\* **or** ART 286 History of Asian Art, China, Korea, and Japan (3) MP  
ART 281 Contemporary Art Forum (1)  
UNV 101 I Am Miami (1)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** Miami Plan Foundation IV course (3-4)

**Spring semester:**

Required courses:

ART 104 Problem Solving (1.5)  
ART 105 Technical Drawing (1.5)  
ART 106 Figure Drawing (1.5)  
ART 162 Arts of Africa, Oceania, and Native America (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP\*\* **or** ART 286 History of Asian Art, China, Korea, and Japan (3) MP  
ART 281 Contemporary Art Forum (1)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** Other MPF course (3)  
Miami Plan courses (3-6)

\* This course has special computer requirements; consult an art advisor.

\*\* This course must be one of the choices either semester.

### ***Communication Design: Bachelor of Fine Arts***

Potential Career Paths: careers in print design, three-dimensional design, electronic media design/4D design, advertising

Any student wishing to pursue advanced study in communication design, including those admitted to pre-communication design, must complete (at a minimum):

- ART 102 Color Theory (1.5)
- ART 111 Design and Composition (3)
- ART 121 Observational Drawing (3)
- ART 151 Pre-Communication Design (1)
- ART 252 Image (3)
- A portfolio review in the spring semester (a student is not eligible for the portfolio review unless the above coursework is completed or in-progress)

**Fall semester:**Required courses:

- ART 102 Color Theory (1.5)  
 ART 111 Design and Composition (3)\*  
 ART 121 Observational Drawing (3)  
 ART 162 Arts of Africa, Oceania, and Native America (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP\*\* **or** ART 286 History of Asian Art, China, Korea, and Japan (3) MP  
 ART 281 Contemporary Art Forum (1)  
 UNV 101 I Am Miami (1)

Suggested courses:

- ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3-4)

**Spring semester:**Required courses:

- ART 151 Becoming a People-Driven Designer (1)  
 ART 252 Image (3)  
 ART 162 Arts of Africa, Oceania, and Native America (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP\*\* **or** ART 286 History of Asian Art, China, Korea, and Japan (3) MP  
 ART 281 Contemporary Art Forum (1) (*if not taken fall semester*)

Suggested courses:

- ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)  
 Miami Plan Foundation IV course (3-4)  
 Miami Plan course (3)

\* This course has special computer requirements; consult an art advisor.

\*\* This course must be one of the choices either semester.

### ***Art Education: Bachelor of Science in Art (with multi-age visual arts licensure)***

**Potential Career Paths:** educator in K-12 schools, colleges & universities, art schools, community and adult programs, museums, recreation centers, libraries or group homes

**Fall semester:**Required courses:

- ART 111 Design and Composition (3)\*  
 ART 121 Observational Drawing (3)  
 ART 195 Introduction to Art Education (3) MP  
 ART 162 Arts of Africa, Oceania, and Native America (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP\*\* **or** ART 286 History of Asian Art, China, Korea, and Japan (3) MP  
 ART 281 Contemporary Art Forum (1)  
 UNV 101 I Am Miami (1)

Suggested course:

- ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

**Spring semester:**Required courses:

- ART 102 Color Theory (1.5)  
 ART 103 Creative Technology (1.5)  
 ART 104 Problem Solving (1.5) or ART 105 Technical Drawing (1.5)  
 ART 106 Figure Drawing (1.5)  
 ART 162 Arts of Africa, Oceania, and Native America (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP\*\* **or** ART 286 History of Asian Art, China, Korea, and Japan (3) MP  
 ART 281 Contemporary Art Forum (1) (*if not taken fall semester*)

Suggested courses:

- ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
 Miami Plan Foundation course (3-4)

\* This course has special computer requirements; consult an art advisor.

## **Art and Architecture History: Bachelor of Arts**

**Potential Career Paths:** art advisor/private collection consulting, digital image specialist, careers in library and information science, publishing/editing, with museums, galleries, and historical societies, as well as in corporations, education, and all areas of the visual arts

### **Fall semester:**

ART 162 Africa, Oceania and Native America (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP  
 Studio Art Foundation course (1.5-3)  
 ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
 Foreign language (3-4)  
 Miami Plan Foundation course (3-4)  
 UNV 101 I Am Miami (1)

### **Spring semester:**

ART 162 Africa, Oceania and Native America (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP  
 ARC 107 Global Design (3) MP **or** ARC 222 History of Architecture II (3) MP  
 Studio Art Foundation course (1.5-3)  
 ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
 Foreign language (3-4)

## **Art Therapy Co-Major**

The primary goal of the co-major is to prepare students interested in pursuing a career in art therapy to apply to art therapy graduate programs. Art therapists can work in any setting that employs helping professions, for example: hospitals, schools, correctional facilities, domestic violence shelters, geriatric facilities, psychiatric facilities, residential facilities, day programs for developmental disabilities and chronic mental illness, etc. Art therapy uses the art process and the therapeutic relationship between the client and art therapist to process trauma, enhance self-esteem, improve relational abilities, decrease anxiety/depression, and increase an overall enhanced sense of well-being. Students who pursue and complete a master's degree in art therapy will be eligible for mental health licensure in their state, which grants the ability then to have four broad career opportunities (Art Therapist, Art Educator\*, Counselor, and Artist).

The art therapy co-major builds upon the minor and the foundation of three lateral, human-centered perspectives significant to the field of art therapy: art studio, art education, and psychology. Students will explore connections between art production, methods of facilitating art experiences with people across the lifespan, and an understanding of human behaviors. Introduction to Art Therapy will tie the courses together through presenting exploratory art-making activities, foundational readings, and possible pathways to a career in the profession. The co-major curriculum provides students with an interest in art therapy additional skills and competencies from more in depth coursework. Advanced coursework in both a 2D studio area and 3D studio area is required. *To complete the co-major, you must also complete the requirements for a primary major.*

\*Check state licensure requirements for public school contexts

### **Fall or Spring semester:**

ART 194 Introduction to Art Therapy (3)  
 ART 195 Introduction to Art Education (3) MP  
 PSY 111 Introduction to Psychology (3) MP and PSY 112 Foundational Experiences in Psychology (1)

## **College of Creative Arts Interdisciplinary Programs**

The College of Creative Arts offers interdisciplinary programs in Arts Management and Arts Entrepreneurship.

## **Arts Management & Arts Entrepreneurship: Bachelor of Arts**

The Arts Management & Arts Entrepreneurship major allows students to apply arts and business thinking to real-world arts business challenges in an increasingly competitive arts environment. Students will develop knowledge and skills to lead not-for-profit or for-profit enterprises in the creative economy. They will also gain an understanding of all the possible career opportunities in the arts and creative economy. The major is designed to maximize students' transferable skills so that they are able to navigate an uncertain future. Graduates are also well equipped to pursue various graduate programs in the arts, business, entrepreneurship, and creative enterprise. Students seeking the Arts Management & Arts Entrepreneurship major may not also earn the Arts Management co-major, the Arts Management minor, or the Arts Entrepreneurship minor.

### **Potential Career Paths:**

### **Fall semester:**

CCA 101 The Entrepreneurial Artist (3)  
 Arts Elective (3)  
 ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
 Miami Plan Foundation courses (6-7)

**Spring semester:**

CCA 111 Innovation, Creativity and Design Thinking (3) MP

CCA 201 Introduction to Arts Management (3)

Arts Elective (3)

Miami Plan Foundation courses (6)

## **Arts Management Co-Major**

Given the challenges for artists, arts, and cultural organizations to survive in an increasingly competitive business environment, the need for educated arts managers is increasing. The practice of arts management is a synthesis of art, creativity, innovation, management, and entrepreneurship. The co-major prepares students to balance aesthetic understanding with specialized skills in generating income, managing boards, stimulating public access, and sustaining the mission and vision of organizations whose primary purpose is the delivery, presentation, and preservation of arts and culture. These skills are applicable to arts councils, museums, community arts centers, galleries, orchestras, and other creative enterprises. *To complete the co-major, you must also complete the requirements for a primary major.*

**Fall or Spring semester:**

CCA 111 Innovation, Creativity and Design Thinking (3) MP

CCA 201 Introduction to Arts Management (3)

## **Emerging Technology in Business + Design**

The Department of Emerging Technology in Business and Design (ETBD) explores how new technology can affect positive change in almost any aspect of society. The program, strongly transdisciplinary, comprises faculty from the worlds of business and design, obviously, but also from data science, engineering, programming, the arts, and the humanities. The program offers two undergraduate degrees, one in ETBD and one in Games + Simulation.

## **Emerging Technology in Business and Design: Bachelor of Arts**

The BA in Emerging Technology in Business and Design (ETBD) is an interdisciplinary degree designed to provide depth in theory and practice of interactive & digital design, development, business, innovation, and digital disruption.

Grounded in Miami University's tradition of liberal education, the BA in ETBD represents the liberal arts of the 21st Century, providing a foundation in information and digital literacy supporting the study of digital startups, multimedia authorship/critical theory, digital & social media marketing, web & app development, virtual/augmented reality, game design/development, user-experience design, and more.

This foundation is then complemented with a set of electives providing depth in a selected area of interest, as well as a series of courses designed around working with external partners and building a portfolio. Admittance into the ETBD major is competitive. Admission details can be found at <http://miamioh.edu/cca/aims/admission>.

The BA in ETBD has four foundational pillars:

- Design
- Business
- Technology
- Collaboration & Making

These foundations provide the context for a set of four or more electives chosen to develop expertise and depth in one or more areas of ETBD, all of which is tied together in the capstone client-based consulting agency within ETBD as well as the ETBD Thesis class.

*Students who wish to declare a major in Emerging Technology in Business and Design after enrolling at Miami must submit an application. Please visit [www.MiamiOH.edu/ims](http://www.MiamiOH.edu/ims) for information about the application process.*

**Potential Career Paths:** careers in interactive web design & development; mobile app design & development; game studies, game design, game development, games & learning; interactive marketing, social media marketing; web & social analytics; user experience & interaction design; code/algorithmic art; interactive & digital art; simple robotics; innovation, startups, and tech entrepreneurship; 3D design & animation; virtual environments, simulations, and VR; design thinking; music technology; interactive data visualization

**Fall Semester:**Required courses:

IMS 101 Introduction to ETBD (1)

IMS 222 Introduction to Interaction Design and Development (3)

IMS 254 Design Principles Applied (3)

IMS 259 Art and Digital Tools I (3)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation course (3-4)

**Spring Semester:**Required courses:

IMS 211 Introduction to Game Studies (3) MP **or** IMS 212 Introduction to Game Design (3)  
 ENG/IMS 224 Digital Writing and Rhetoric: Composing with Words, Images and Sounds (3)  
 IMS 322 Intermediate Interaction Design and Development (3)  
 IMS 354 Intermediate Interaction Design Principles (3)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3-4)

### ***Games + Simulation: Bachelor of Science***

The Bachelor of Science in Games + Simulation provides students with an interdisciplinary plan of study covering all aspects of creating and interpreting games. Games are the liberal arts of the 21st century: the fusion of coding and design, writing and mechanics, usability and creativity. With a focus on making and praxis, the BS in Games + Simulation prepares students for a career or graduate study in game design, development, 3D modeling, creative development, writing or designing, esports, and games in other industries, all while encouraging students to take creative risks, to build things, and to think critically about audiences, narratives, and aesthetics.

**Fall Semester:**

Required courses:

IMS 111 Introduction to Game Careers (1)  
 IMS 211 Introduction to Game Studies (3) MP  
 IMS 213 Introduction to Game Development (3)  
 IMS 222 Introduction to Interaction Design and Development (3) MP  
 IMS 254 Design Thinking & Design Principles Applied (3) MP

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

**Spring Semester:**

Required courses:

IMS 212 Introduction to Game Design (3)  
 IMS 322 Intermediate Interaction Design and Development (3)  
 One to two classes for Games concentration (3-10)\*

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3-4)  
 Miami Plan Foundation IIC course (3) **or** Miami Plan Foundation IVa course (3)

\* Consult with an advisor for concentration courses.

### ***Fashion Co-Major***

The Fashion program emphasizes creativity and experimentation while offering students the opportunity to develop a broad set of basic skills in design language, technique, and business. These skills are fundamentals for employment in the fashion industry. The Fashion co-major has a choice of three tracks: Fashion Design (total of 41 credits), Fashion Entrepreneurship (total of 37 credits) and Fashion Corporate Business (total of 39 credits). The Fashion Minor is the base for the co-major, and each track continues with more targeted courses. You might be interested in the Fashion Design track if you want to be a fashion designer, the Fashion Entrepreneurship track if you want to start your own business, or the Fashion Corporate Business track if you want to work for a large fashion company.

Opportunities exist for an applied international fashion experience and a study away in New York City. Applications are required for the fashion program (minor and co-major); students may apply after completing at least one semester of coursework at Miami. *To complete the co-major, you must also complete the requirements for a primary major.*

**Fall semester:**

FAS 101 Introduction to the Fashion Industry (3)

**Spring semester:**

FAS 281 Contemporary Fashion History (3) MP **or** ART 189 History of Western Dress (3) MP **or** ART 233 Global Perspectives on Dress (3) MP  
 Submit application to the fashion program

### ***Music***

The Department of Music offers the Bachelor of Music degree with concentrations in music composition, music performance, and music education, and the Bachelor of Arts degree in music with tracks in performance, music in culture, and music technology. The bachelor's degree programs offer preparation for careers in public school teaching, composition, performance, and for future study at the graduate level.

## Music: Bachelor of Music

### ***Music Performance***

The Music Performance major offers three concentrations: composition, instrumental, and voice.

**Note:** Music ensembles are classes taken for credit.

**Potential Career Paths:** performance careers in orchestras, armed forces bands and orchestras, small ensembles, rock or jazz groups, dance bands, clubs and restaurants, churches, opera companies, recording industry, regional theatres and festivals, cruise lines, amusement parks, media industries; conducting; composing/arranging; copyist; music librarian; music therapy; music journalism; entertainment law; careers in communications and music industry

### ***Music Composition Concentration***

#### **Fall semester:**

##### Required courses:

MUS 101 Theory of Music I (3)  
 MUS 140 Recital Attendance Requirement (0) +  
 MUS 142 Applied Music (2)  
 MUS 151 Aural Skills I (1)  
 MUS 160 Functional Piano I (1)  
 MUS 171 Composition Seminar (3)  
 Music ensemble (1)  
 UNV 101 I Am Miami (1)

##### Suggested courses:

ENG 111 Composition and Rhetoric (3) MP or other MP course (3)  
 Miami Plan Foundation course (3)

#### **Spring semester:**

##### Required courses:

MUS 102 Theory of Music II (3)  
 MUS 140 Recital Attendance Requirement (0) +  
 MUS 142 Applied Music (2)  
 MUS 152 Aural Skills II (1)  
 MUS 161 Functional Piano II (1)  
 MUS 171 Composition Seminar (3)  
 MUS 221 Music Technologies (3)  
 Music ensemble (1)

##### Suggested courses:

ENG 111 Composition and Rhetoric (3) MP or other MP course (3)

+Must be taken for seven semesters

See the ***General Bulletin*** for additional requirements.

### ***Instrumental Concentration\*\****

#### **Fall semester:**

##### Required courses:

MUS 101 Theory of Music I (3)  
 MUS 140 Recital Attendance Requirement (0) +  
 MUS 144 Applied Study (3)  
 MUS 151 Aural Skills I (1)  
 MUS 160 Functional Piano I (1)  
 Music ensemble (1)  
 UNV 101 I Am Miami (1)

##### Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
 Miami Plan Foundation course (3)

#### **Spring semester:**

##### Required courses:

MUS 102 Theory of Music II (3)  
 MUS 140 Recital Attendance Requirement (0) +

MUS 144 Applied Study (3)  
 MUS 152 Aural Skills II (1)  
 MUS 161 Functional Piano II (1)  
 Music ensemble (1)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
 MUS 185 The Diverse Worlds of Music (3) MP **or** MUS 186 Global Popular Music (3) MP  
 Miami Plan Foundation course (3-4)  
 + Must be taken for seven semesters.

\*\* See the **General Bulletin** for additional requirements, depending on the major instrument.

## Voice Concentration

**Fall semester:**

Required courses:

MUS 101 Theory of Music I (3)  
 MUS 140 Recital Attendance Requirement (0) +  
 MUS 144A Applied Study (voice) (3)  
 MUS 151 Aural Skills I (1)  
 MUS 160 Functional Piano I (1)  
 MUS 235 Lyric Diction (2)  
 Music ensemble (1)  
 UNV 101 I Am Miami (1)

Suggested course:

ENG 111 Composition and Rhetoric (3) MP **or** other Miami Plan Foundation course (3)

**Spring semester:**

Required courses:

MUS 102 Theory of Music II (3)  
 MUS 140 Recital Attendance Requirement (0) +  
 MUS 144A Applied Study (voice) (3)  
 MUS 152 Aural Skills II (1)  
 MUS 161 Functional Piano II (1)  
 MUS 236 Lyric Diction (2) (even-numbered Spring semesters) **or** Miami Plan Foundation course (3)  
 Music ensemble (1)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
 Miami Plan Foundation course (3)

+ Must be taken for seven semesters.

## Music Education

You can choose between the choral/general program and the instrumental program. Teaching licensure is for age three (3) through grade 12.

**Note:** Music ensembles are classes taken for credit.

**Potential Career Paths:** educator in K-12 schools, colleges or universities, conservatories, daycare centers, recreation centers, children's music programs, studios.

## Choral/General Music Education

**Fall semester:**

Required courses:

MUS 101 Theory of Music I (3)  
 MUS 113 Choral Practicum (1)  
 MUS 140 Recital Attendance Requirement (0) +  
 MUS 142 Applied Music (2)  
 MUS 151 Aural Skills I (1)  
 MUS 160 Functional Piano I (1)  
 MUS 175 Introduction to Music Education (3)  
 MUS 235 Lyric Diction (2)  
 Music ensemble (1)  
 UNV 101 I Am Miami (1)

**Suggested course:**

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

**Spring semester:**Required courses:

MUS 102 Theory of Music II (3)

MUS 112 Lab Choir (0)

MUS 140 Recital Attendance Requirement (0) +

MUS 142 Applied Music (2)

MUS 152 Aural Skills II (1)

MUS 161 Functional Piano II (1)

MUS 185 The Diverse Worlds of Music (3) MP **or** MUS 186 Global Popular Music (3) MP

MUS 218 Beginning Guitar (1)

Music ensemble (1)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation course (0-3)

+ Must be taken for seven semesters.

***Instrumental Music Education*****Fall semester:**Required courses:

MUS 101 Theory of Music I (3)

MUS 140 Recital Attendance Requirement (0) +

MUS 142 Applied Music (2)

MUS 151 Aural Skills I (1)

MUS 160 Functional Piano I (1)

MUS 175 Introduction to Music Education (3)

Music ensemble (1)

UNV 101 I Am Miami (1)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation course (0-3)

**Spring semester:**Required courses:

MUS 102 Theory of Music II (3)

MUS 140 Recital Attendance Requirement (0) +

MUS 142 Applied Music (2)

MUS 152 Aural Skills II (1)

MUS 161 Functional Piano II (1)

MUS 185 The Diverse Worlds of Music (3) MP **or** MUS 186 Global Popular Music (3) MP

MUS 233 Class Instruments: Percussion (1) #

Music ensemble (1)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation course (3)

+ Must be taken for seven semesters.

# Percussion majors should substitute a one-hour music elective course.

**Music: Bachelor of Arts in Music**

The B.A. in Music degree is designed for qualified undergraduate students interested in a broad liberal arts experience, complementing a focus in the music discipline. The degree is appropriate for students interested in double majoring in music and another subject, and prepares students for graduate study or for a variety of careers both within and beyond the discipline of music.

There are three tracks within the B.A. in Music degree: Performance, Music in Culture, and Music Technology. Admission requirements vary based on the track the student intends to pursue. Contact the Department of Music for specific information.

**Note:** Music ensembles are classes taken for credit.

**Potential Career Paths:** conducting, composing/arranging, music librarian; careers in music therapy, music journalism, entertainment law, communications/broadcasting, music industry/music business

**Fall semester:**Required courses:

MUS 101 Theory of Music I (3)  
 MUS 140 Recital Attendance Requirement (0) +  
 MUS 142 Applied Music (2) - *for students in the Performance track*  
 MUS 151 Aural Skills I (1)  
 MUS 160 Functional Piano I (1)  
 Music ensemble (1) \* - *students in the Music Technology track register for MUS100Z Laptop Ensemble*  
 UNV 101 I Am Miami (1)

Suggested courses:

Foreign language (3-4) *Completion through 202 level required; may be met by proficiency exam*  
 ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

**Spring semester:**Required courses:

MUS 102 Theory of Music II (3)  
 MUS 140 Recital Attendance Requirement (0) +  
 MUS 142 Applied Music (2) - *for students in the Performance track*  
 MUS 152 Aural Skills II (1)  
 MUS 161 Functional Piano II (1)  
 Music ensemble (1) \* - *students in the Music Technology track register for MUS100Z Laptop Ensemble*

Suggested courses:

Foreign language (3-4) *Completion through 202 level required; may be met by proficiency exam*  
 ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
 Miami Plan Foundation course (0-3)

+ Must be taken for four semesters.

\* Four semesters required for Performance track; two semesters required for Music in Culture and Music Technology tracks.

## Theatre: Bachelor of Arts in Theatre

The Bachelor of Arts in Theatre is intended for students who wish to pursue the study of theatre situated within a liberal arts tradition. The undergraduate program is committed to developing creative thinkers with artistic vision through a program that emphasizes the interplay between critical thinking and artistic practice.

**Potential Career Paths:** perform/direct for stage, television, radio, motion pictures, video, voiceover work, audiobook narration, stunt work; careers “behind the scenes” in stage/film/TV/video direction, technical direction, casting, set design/construction, stage management, production management, company management, dialect coaching, dramaturgy, house management, property/lighting/costume/sound design, camera operation, wardrobe supervisor, hair/makeup design/technician, special effects, prop management, broadcast technology, rigging, electrical work, carpentry, scenic artist, scriptwriting, playwriting, screenwriting, entertainment critic, event planner/manager, project manager, art director (film and TV); “business of the business” careers in producing, management, agent, marketing and advertising, fundraising and development, volunteer coordinator, arts administration, box office sales, promotions, patron services; teaching careers at professional theatres, high schools, or universities

**Fall semester:**Required courses:

THE 101 Introduction to Theatre: Drama and Analysis (3) MP  
 THE 107 The Theatre Major (1)  
 THE 131 Principles of Acting (3) **or** THE 251 Visual Communication for the Theatre (3)  
 THE 142 Theatre Organization and Communication (1)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
 Miami Plan Foundation courses (6-9)

**Spring semester:**Required courses:

THE 131 Principles of Acting (3) **or** THE 251 Visual Communication for the Theatre (3)

Suggested courses:

Theatre Technology Requirement (3) (optional)  
 ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)  
 Miami Plan Foundation courses (6-7)

# **College of Education, Health, and Society**

**202 McGuffey, 513-529-6317**

Director of Student Services: Roxann Sommers, 202 McGuffey, 513-529-6317.

The College of Education Health and Society prides itself on our efforts to provide outstanding student services and resources. Our innovative multidisciplinary curriculum is designed to prepare our students for tomorrow's challenges and opportunities and give them the tools to succeed in today's society. We offer significant resources to ensure our students are steadily moving forward and are well-prepared for a successful career.

## **No-Major Option (Undeclared)**

It is possible to begin some degree programs in the College of Education, Health and Society without declaring a specific major. Advisors will help you plan your program. The following general first-year course selection provides flexibility for a major within EHS or another division.

### **First-Year Schedule**

#### **Fall semester:**

- ENG 111 Composition and Rhetoric (3) MP or other MP course (3)
- One course in Foundation II: Creative Arts, Humanities; and/or Social Science (3)
- One course in Foundation III: Global Perspectives (3)
- Foundation IV- Natural Science (with Lab) (4)
- UNV 101 I Am Miami (1)

#### **Spring semester:**

- One course in Foundation IV: Mathematics, Formal Reasoning and Technology (3)
- One course in Foundation III: Global Perspectives (3)
- Two courses in Foundation II: Creative Arts, Humanities and/ or Social Science (6)
- One course Intercultural Perspective (3)
- EDL 100 Career Development for the College Student (2)

## **Teacher Licensure Programs:**

Primary Education Pre K-5 – pre-K through grade 5

Middle Childhood education – grades 4 through 9

Adolescent Young Adult education – grades 7 through 12

Foreign language education – Chinese, French, German, Latin and Spanish – multi age licensure

Inclusive Special education – mild moderate and moderate/intense - Intervention specialist – multi age dual licensure

Teacher/Professional licensing requirements are subject to change. Please check the appropriate state's board of education website for the most up-to-date requirements.

\*See the College of Creative Arts for Teaching Licensure Programs in Art and Music

### **ADMISSION NOTES for Teacher Education and Inclusive Special Education majors:**

## **TEACHER EDUCATION**

### **Teacher Education Cohort Admission Requirements**

Teacher Education majors are open to all students. However, all students must meet a set of requirements in order to be admitted to their cohort. A cohort is defined as a group of students selected by the Department of Teacher Education to experience certain parts of their program together, provided they satisfy the prerequisite retention requirements for the methods courses for their licensure field and for student teaching. A cohort is identified by its general subject or licensure area and by a semester or academic year during which the members start or complete their methods course

Cohort admission requirements for the Primary Education PreK-5 and Middle Childhood Education programs include completion of EDT 190 and EDP 201 with a grade of B or higher in each course, completion of at least 30 credit hours, and a cumulative GPA of 2.75 or higher. Cohort admission requirements for the Adolescent and Young Adult programs (including the Foreign Language programs) include completion of EDT 190, EDP 201, and EDL 204 with a grade of B or higher in each course, completion of at least 62 credit hours, and a cumulative GPA of 2.75 or higher.

### **Retention**

There are retention checkpoints for each cohort at the time of registration for each block of pedagogical courses and at the time of application to supervised

teaching. The department has established retention criteria specific to each major for each retention point, which are available from the department.

## **INCLUSIVE SPECIAL EDUCATION**

### **Mild/Moderate and Moderate/Intensive Intervention Specialist Dual Licensure**

#### **Inclusive Special Education Cohort Admission**

A cohort is a group of students in a common year designated to take instructional (methods) courses in a common group, as well as complete their student teaching during the same academic year. Students are directly admitted into the program upon admission to the university and are expected to meet admission requirements to the university. Students are placed in a cohort and must meet certain benchmarks established by the program, which include a GPA (2.75) and standardized testing to continue in the cohort and major.

## **LICENSURE FOR NON-EDUCATION MAJORS**

If you choose a major in the College of Arts and Science and wish to seek licensure in that subject, you must also declare a major in the appropriate education licensure program and apply to the appropriate department of major. You may not enroll in certain education professional courses until you have been selected into a particular program. The licensure requirements are the same as the education degree requirements, whether or not you choose to have a subject area major in the College of Arts and Science. You may graduate with two degrees.

## **EDUCATION STUDIES (non-licensure)**

The Bachelor of Science in Education Studies is designed for students who desire a career in education outside of the classroom. Since education studies are not tied to teacher licensure, students have the flexibility to explore a wide range of education topics. The core curriculum provides students with a solid foundation in education including research and discussion of youth, families, health, wellness and justice issues. Students select the following concentrations for this major: Creativity, Innovation & Learning; Disability Studies & Education; Sexuality, Education and Society; Equity & Educational Change; or Critical Youth Studies.

Each undergraduate student is assigned an academic advisor in their major to help with professional and career advice. A department advisor helps with more complicated departmental advising questions such as double majors, adding minors, and studying abroad.

During orientation advisors will assist you in selecting courses within your major and initial registration for the coming semester.

## **Education, Health and Society: Suggested First-Year Courses**

### **Bachelor of Science in Education**

#### ***Education Studies (non-licensure)***

##### **Fall Semester:**

- EDL 224 Introduction to Education Policy (3)
- EDL 204 Sociocultural Foundations to Education (3)
- Global Miami Plan Foundation courses and/or Education Studies electives (6-9 hrs)

##### **Spring Semester:**

- EDL 203 Introduction to Critical Youth Studies (3)
- ENG 111 Composition and Rhetoric (#) MP
- Global Miami Plan Foundation course and/or Education Studies electives (3-6 hrs.)

## **Primary Education PreK-5**

##### **Fall semester:**

- ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)
- MTH 115 Math for Teachers Grades P-6 (4) MP (check math placement score before registering)
- EDT 190 Introduction to Education (3)

##### ***One of these: Miami Plan physical sciences:***

- EDT 181 Physical Science and Society
- EDT 182 Earth Science and Society

##### **Spring semester:**

- EDT 225 Family, Schools and Communities (3) **or** FSW 261 Diverse Families Across the Life Cycle (3)
- MTH 116 Math for Teachers Grades P-6 (4)
- EDP 201 Human Development and Learning in Social and Educational Contexts (3) MP
- ENG 111 Composition and Rhetoric (3) MP **or** Advanced writing course (EDT 284 is recommended) (3) MP
- Miami Plan Biological Science course (3)

## **Foreign Language Education (Chinese, French, German, Latin, Spanish)**

### **Fall semester:**

EDT 190 Introduction to Education (3)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)  
 Language course (3-6, depending on placement and prerequisites)  
 Global Miami Plan Foundation courses and/or electives (3-6)

### **Spring semester:**

Language courses (3-6) (check prerequisites)  
 EDP 201 Human Development and Learning in Social and Educational Contexts (3) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Advanced writing course (EDT 284 is recommended) (3) MP  
 Global Miami Plan Foundation courses and/or electives (3-6)

## **Integrated English Language Arts Education**

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)  
 ENG 190 Introduction to Education (3)  
 Global Miami Plan Foundation courses and/or other content courses, such as literature or communication courses (3, 3)  
 ENG (American Literature) (3)

### **Spring semester:**

ENG (British Literature) (3)  
 EDP 201 Human Development and Learning in Social and Educational Contexts (3) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Advanced writing course (EDT 284 is recommended) (3) MP  
 Global Miami Plan Foundation courses (3) and/or other content courses, such as literature courses

## **Integrated Mathematics Education**

### **Fall semester:**

EDT 190 Introduction to Education (3)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)  
 MTH 151 Calculus I (4) MP (check math placement score before registering)  
 Global Miami Plan Foundation courses and electives (3, 3)  
 Global Miami Plan Foundation courses and electives (3, 3)

### **Spring semester:**

MTH 251 Calculus II (4)  
 EDP 201 Human Development and Learning in Social and Educational Contexts (3)  
 ENG 111 Composition and Rhetoric (3) MP **or** Advanced writing course (EDT 284 is recommended) (3) MP  
 Global Miami Plan Foundation courses (3, 3)  
 Elective (3)

## **Integrated Science Education - with Biology focus**

### **Fall semester:**

EDT 190 Introduction to Education (3)  
 ENG 111 Composition and Rhetoric (3) MP  
 BIO/MBI 115 Biological Concepts (4) MP  
 CHM 141/144 College Chemistry and lab (3,2) MP  
 PHY 111 Astronomy and Space Physics (3) MP

### **Spring semester:**

BIO/MBI 116 Biological Concepts (4) MP  
 CHM 142/145 College Chemistry and lab (3,2) MP  
 BIO 161 Human Physiology (4) MP  
 EDP 201 Human Development and Learning in social and Educational Context (3) MP

## **Integrated Science Education - with Chemistry focus**

### **Fall semester:**

EDT 190 Introduction to Education (3)  
 ENG 111 Composition and Rhetoric (3) MP  
 BIO/MBI 115 Biological Concepts (4) MP  
 CHM 141/144 College Chemistry and lab (3,2) MP

### **Spring semester:**

BIO/MBI 116 Biological Concepts (4) MP

CHM 142/145 College Chemistry and lab (3,2) MP  
 GLG 111, 115L The Dynamic Earth and Understanding the Earth (Lab) (3, 1) MP  
 EDP 201 Human Development and Learning in social and Educational Context (3) MP

### ***Integrated Science Education - with Earth Science focus***

#### **Fall semester:**

EDT 190 Introduction to Education (3)  
 ENG 111 Composition and Rhetoric (3) MP  
 BIO/MBI 115 Biological Concepts (4) MP  
 CHM 141/144 College Chemistry and lab (3,2) MP

#### **Spring semester:**

BIO/MBI 116 Biological Concepts (4) MP  
 CHM 142/145 College Chemistry and lab (3,2) MP  
 GLG 111, 115L The Dynamic Earth and Understanding the Earth (Lab) (3, 1) MP  
 BIO 161 Human Physiology (4) MP

### ***Integrated Science Education - with Physics focus***

#### **Fall semester:**

MTH 151 Calculus I (4) MP (check math placement score before registering)  
 ENG 111 Composition and Rhetoric (3) MP  
 BIO/MBI 115 Biological Concepts (4) MP  
 CHM 141/144 College Chemistry and lab (3,2) MP

#### **Spring semester:**

BIO/MBI 116 Biological Concepts (4) MP  
 CHM 142/145 College Chemistry and lab (3,2) MP  
 MTH 251 Calculus II (4)  
 EDP 201 Human Development and Learning in social and Educational Context (3) MP

### ***Integrated Social Studies Education***

#### **Fall semester:**

EDT 190 Introduction to Education (3)  
 ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)  
 GEO 101 Global Forces, Local Diversity (3) MP  
 GEO 121 Earth's Physical Environment (4) MP  
 HST 111 Survey of American History (3) MP

#### **Spring semester:**

POL 241 American Political System (3) MP  
 HST 112 Survey of American History (3) MP  
 EDP 201 Human Development and Learning in social and Educational Context (3) MP  
 ENG 111 Composition and Rhetoric (3) MP **or** Advanced writing course (EDT 284 is recommended) (3) MP

#### **Choose ONE of the following:**

ATH 155 Introduction to Anthropology (4) MP  
 SOC 151 Social Relations (4) MP  
 SOC 153 Sociology in a Global Context (3) MP

### ***Middle Childhood Education***

#### **Language Arts and Mathematics**

#### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)  
 MTH 151 Calculus I (4) MP (check math placement score before registering)  
 EDT 190 Introduction to Education (3)  
 Creative arts course (3) MP  
 Global Miami Plan Foundation biological science course (3) MP

#### **Spring semester:**

MTH 217 Mathematics for Middle School (4)  
 EDP 201 Human Development and Learning in Social and Educational Contexts (3) MP  
 Global Miami Plan Foundation physical science course with lab (4) MP

#### **Choose ONE of the following:**

CLS 121 Classical Mythology (3) MP

GER 231 Folk and Literary Fairy Tales (in English) (3) MP  
 RUS 137 Russian Folklore (in English) (3) MP

***Choose ONE of the following:***

ENG 224 Digital Writing and Rhetoric (3)  
 ENG 225 Advanced Composition (3)  
 ENG 226 Creative Writing (3)

**Language Arts and Science**

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)  
 MTH 115 Math for Teachers Grades P-6 (4) MP (check math placement score before registering)  
 EDT 190 Introduction to Education (3)  
 Global Miami Plan Foundation courses (3, 3)

***Choose ONE of the following:***

EDT 181 Physical Science (4) MP  
 CHM 111 Chemistry in Modern Society (3) and CHM 111 L (1) MP  
 CHM 141, 144 College Chemistry and Laboratory (3, 2) MP (check math placement score before registering)  
 PHY 161 Physics for the Life Sciences with Laboratory (4) MP **or**  
 PHY 191 General Physics with Laboratory I (5) MP

**Spring semester:**

EDP 201 Human Development and learning in Social and Educational contexts (3) MP  
 Global Miami Plan course (3)

***Choose ONE of the following:***

CLS 121 Classical Mythology (3) MP  
 GER 231 Folk and Literary Fairy Tales (in English) (3) MP  
 RUS 137 Russian Folklore (in English) (3) MP

***Choose ONE of the following:***

EDT 182 Physical Science (4) MP  
 GLG 111, 115L The Dynamic Earth and Understanding the Earth (3, 1) MP  
 GLG 121, 115L Environmental Geology and Understanding the Earth (3, 1) MP  
 GLG 141, 115L Geology of U.S. National Parks and Understanding the Earth (3, 1) MP

***Choose ONE of the following:***

**EDT 284 Writing for Educators (3)**  
 ENG 224 Digital Writing and Rhetoric (3)  
 ENG 225 Advanced Composition (3)  
 ENG 226 Creative Writing (3)

**Language Arts and Social Studies**

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** MP Science course (3-4)  
 MTH 115 Math for Teachers Grades P-6 (4) MP (check math placement score before registering)  
 EDT 190 Introduction to Education (3)  
 HST 111 Survey of American History (3) MP  
 ATH 175 Peoples of the World (3) MP

**Spring semester:**

EDP 201 Human Development and learning in Social and Educational contexts (3) MP  
 GEO 101 Global Forces, Local Diversity (3)  
 HST 112 Survey of American History (3)  
 MP Science course (3-4)

***Choose ONE of the following:***

CLS 121 Classical Mythology (3) MP  
 GER 231 Folk and Literary Fairy Tales (in English) (3) MP  
 RUS 137 Russian Folklore (in English) (3) MP

**Mathematics and Science**

**Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** MP Creative Arts course (3)  
 MTH 151 Calculus I (4) MP (check math placement score before registering)  
 EDT 190 Introduction to Education (3)  
 Global Miami Plan creative arts or global course (3)

***Choose ONE of the following:***

EDT 181 Physical Science (4) MP

CHM 111 Chemistry in Modern Society (3) and CHM 111 L (1) MP

CHM 141, 144 College Chemistry and Laboratory (3, 2) MP (check math placement score before registering)

PHY 161 Physics for the Life Sciences with Laboratory (4) MP

PHY 191 General Physics with Laboratory I (5) MP

**Spring semester:**

MTH 217 Mathematics for Middle School (4)

EDP 201 Human Development and Learning in Social and Educational Context (3) MP

ENG 111 Composition and Rhetoric (3) MP or Advanced writing course (EDT 284 is recommended) (3) MP

Global Miami Plan creative arts (3)

Global Miami Plan global course (3)

***Choose ONE of the following:***

EDT 182 Physical Science (4) MP

GLG 111, 115L The Dynamic Earth and Understanding the Earth (3, 1) MP

GLG 121, 115L Environmental Geology and Understanding the Earth (3, 1) MP

GLG 141, 115L Geology of U.S. National Parks and Understanding the Earth (3, 1) MP

**Mathematics and Social Studies****Fall semester:**

ENG 111 Composition and Rhetoric (3) MP

MTH 151 Calculus I (4) MP

HST 111 Survey of American History (3) MP

GEO 101 Global Forces, Local Diversity (3) MP

ATH 175 Peoples of the world (3) MP

EDT 190 Introduction to Education (3)

**Spring semester:**

MTH 217 Mathematics for Middle School (4)

HST 112 Survey of American History (3) MP

EDP 201 Human Development and Learning in Social and Educational Context (3) MP

Global Miami Plan Foundation biological science course (3)

***Choose ONE of the following:***

ATH 155 Introduction to Anthropology (4)

ATH 175 Peoples of the World (3)

SOC 151 Social Relations (4)

SOC 153 Sociology in a Global Context (3)

**Science and Social Studies****Fall semester:**

ENG 111 Composition and Rhetoric (3) MP

EDT 190 Introduction to Education (3)

MTH 115 Math for Teachers Grades P-6 (4) MP

HST 111 Survey of American History (3) MP

***Choose ONE of the following:***

EDT 181 Physical Science (4) MP

CHM 111 Chemistry in Modern Society (4) and CHM 111 Lab (1) MP

CHM 141, 144 College Chemistry and Laboratory (3, 2) MP

PHY 161 Physics for the Life Sciences with Laboratory (4) MP

PHY 191 General Physics with Laboratory I (5) MP

**Spring semester:**

EDP 201 Human Development and Learning in Social and Educational Context (3) MP

GEO 101 Global Forces, Local Diversity (3) MP

HST 112 Survey of American History (3) MP

***Choose ONE of the following:***

EDT 182 Physical Science (4) MP

GLG 111, 115L The Dynamic Earth and Understanding the Earth (3, 1) MP

GLG 121, 115L Environmental Geology and Understanding the Earth (3, 1) MP

GLG 141, 115L Geology of U.S. National Parks and Understanding the Earth (3, 1) MP

***Choose ONE of the following:***

ATH 155 Introduction to Anthropology (4)

ATH 175 Peoples of the World (3)

SOC 151 Social Relations (4)

Soc 153 Sociology in a Global Context (3)

## **Inclusive Special Education**

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **or** MP Physical Science course (3)

EDT 190 Introduction to Education (3) or SPA 127 Introduction to Communication Disorders (3)

MTH 115 Mathematics for Teachers of Grades P-6 (4)

Miami Plan Foundation creative arts or science course (6-8)

### **Spring semester:**

EDP 201 Human Development and Learning in Social and Educational Contexts (3) MP

EDT 190 Introduction to Education (3) or SPA 127 Introduction to Communication Disorders (3)

MTH 116 Mathematics for Elementary Teachers (4)

Miami Plan Foundation creative arts, global, or science courses (6-8)

## **Bachelor of Science in Kinesiology, Nutrition, and Health**

### **ATHLETIC TRAINING**

As nationally mandated by the Commission on Accreditation of Athletic Training Education (CAATE), the professional athletic training program at Miami University will transition from the Bachelor's level to the Master's level. It is proposed that beginning with the academic year, Fall 2022. Students wishing to pursue athletic training should enroll in the Bachelor of Science in Kinesiology, Nutrition, and Health program with a major in Kinesiology, with the intention of applying to the Master of Athletic Training program during junior year.

### **PUBLIC HEALTH**

The Public Health in the Department of Kinesiology, Nutrition, and Health has a focus on promotion, and communication. Human Disease & Epidemiology and Health Policy & Administration are located in the College of Arts and Science.

## **Public Health**

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **OR** other Global Miami Plan Foundation course (3)

Global Miami Plan Foundation course

KNH 125 Introduction to Public Health (3) MP **OR** MBI 131 Community Health Perspectives (3) MP

### **Spring semester:**

KNH 218 Applied Health Behavior Change (3) **OR** KNH 221 Social Marketing in Public Health (3)

STA 261 Statistics (4) MP

ENG 111 Composition and Rhetoric (3) MP **OR** other Global Miami Plan Foundation course (3)

## **Kinesiology**

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP **OR** other Global Miami Plan Foundation course (3) )

KNH 188 Physical Activity and Health (3) MP

PSY 111 Introduction to Psychology (3) and PSY 112 Foundation Experiences in Psychology (1) MP

Miami Plan Foundation course

### **Spring semester:**

BIO 161 Principles of Human Physiology (4) MP **OR** PSY 111 Introduction to Psychology (3) and PSY 112 Foundation Experiences in Psychology (1) MP

KNH 184 Motor Skill Learning and Performance (3)

ENG 111 Composition and Rhetoric (3) MP **OR** other Global Miami Plan Foundation course (3) )

## **Nutrition**

### **Fall semester:**

EDP 101 Critical Issues in the Psychology of the Learner (3) MP **OR** PSY 111 Introduction to Psychology (3) and PSY 112 Foundation Experiences in Psychology (1) MP

ENG 111 Composition and Rhetoric (3) MP **OR** other Global Miami Plan Foundation course (3) )

KNH 102 Fundamentals of Nutrition (3)

MBI 111 Microorganisms and Human Disease (3) MP

Global Miami Plan Foundation courses

### **Spring semester:**

BIO 161 Principles of Human Physiology (4) MP

KNH 103 Introduction to the Profession of Dietetics (2)

KNH 104 Introduction to Food Science and Meal Management (4)

ENG 111 Composition and Rhetoric (3) MP OR other Global Miami Plan Foundation course (3)

## **Sport Leadership and Management**

### **Bachelor of Science in Sport Leadership & Management**

#### **Sport Leadership & Management**

##### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP I or other Global Miami Plan Foundation course (3)

SLM 212 Sport Management (3)

Global Miami Plan Foundation courses (9-11)

##### **Spring semester:**

ENG 111 Composition and Rhetoric (3) MP I or other Global Miami Plan Foundation course (3)

SLM 272 Contemporary Perspectives on Leadership in Sport Contexts (3)

SI.M 275 Introduction to Sport Analytics (3) [1] SI.M 273 Sport Communication and Media (3)

STA 261 Statistics (4) MP

Global Miami Plan Science course with/without lab (3-4) MP IV or Global Miami Plan Foundation course (3)

Global Miami Plan Foundation course (3)

### **Bachelor of Science in Family Science & Social Work**

#### **Bachelor of Science in Social Work**

##### **Admission Notes for Social Work**

Students may declare the social work major at any time. However, formal acceptance into the program must occur before a student is eligible to take FSW 306 and FSW 406 (upper level social work courses). In order to be accepted, students must:

- Complete FSW 201 & FSW 206 with a grade of "C" or better.
- Read the Undergraduate Social Work Student Handbook and submit a signed acknowledgement form indicating acceptance of the policies.
- Attend one of the Undergraduate Social Work student information sessions (typically offered at the start of Fall and Spring terms).
- Students will receive written notification of formal acceptance once these steps are completed.

#### **Social Work**

##### **Fall semester:**

ENG 111 Composition and Rhetoric (3) **or** Other MP course (3)

FSW 201 Introduction to Social Work and Family Life Education (3)

FSW 206 Social Welfare Policies and Programs (4)

PSY 111 Introduction to Psychology (3) and PSY 112 Foundation Experiences in Psychology (1) MP

Global Miami Plan Foundation courses in Creative Arts, Humanities, Physical Science, and or Global Perspectives (6-9)

##### **Spring semester:**

FSW 245 Children & Families: 4-12 Ages: Conception to 12 (3)

FSW 261 Diverse Family Systems Across the Life Cycle (3)

Global Miami Plan Foundation course in Biological science with lab (4)

## **College of Engineering & Computing**

**106 Benton, 513-529-0700**

Chief divisional advisor and Karen Buchwald Wright Senior Assistant Dean for Student Success: Brian Kirkmeyer, 106 Benton Hall, 513-529-0700.

### **No-Major Option (Undeclared)**

You may be uncertain about the field of study you wish to choose. This uncertainty is a natural part of the process of selecting and pursuing educational and career goals. The following general first-year course selection provides maximum flexibility if you are considering a major in a science/math-based program.

##### **Fall semester:**

CHM 141, 144 College Chemistry and Laboratory (3, 2) MP **or** PHY191 General Physics with Laboratory I (5) MP or CSE 174 Fundamentals of Programming and Problem Solving (3)

CEC 101 Computing, Engineering, and Society (1)<sup>#</sup>

Global Miami Plan elective (3) MP or CSE 102 Computer Science and Software Engineering (3) or CPB 102 Introduction to Chemical and Biomedical Engineering (3) or ECE 102 Introduction to Electrical and Computer Engineering (3) or MME 102 Introduction to Mechanical and Manufacturing Engineering (3)

ENG 111 Composition and Rhetoric (3) MP **or** Global Miami Plan elective (3)

MTH 151 Calculus I (4) MP or appropriate starting MTH course (3-5)\*

**Spring semester:**

CHM 142, 145 College Chemistry and Laboratory (3, 2) or PHY 192 General Physics with Laboratory II (5) MP or CSE 271 Object-Oriented Programming (3)  
 CSE 102 Computer Science and Software Engineering (3) or ECE 102 Introduction to Electrical and Computer Engineering or CPB 102 Introduction to Chemical and Biomedical Engineering or MME 102 Introduction to Mechanical and Manufacturing Engineering (3)\* or Global Miami Plan elective (3)  
 ENG 111 Composition and Rhetoric (3) MPF I or Global Miami Plan elective (3)  
 MTH 251 Calculus II (4) or MTH 231 Elements of Discrete Mathematics (3)

Global Miami Plan elective (3) (optional)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

# Students may also be selected to complete the equivalent sequence of CEC 111 and CEC 112 (2, 2)

During fall semester orientation/initial registration, academic advisors will assist you in selecting courses within this pattern. If you select a specific program in Engineering and Computing, please refer to the recommended course pattern described in the department information below by major.

## Engineering and Computing: Suggested First-Year Courses

### Biomedical Engineering

This program is accredited by the Engineering Accreditation Commission of ABET (<http://www.abet.org/>).

Biomedical engineering is the integration of life sciences with engineering to develop solutions for healthcare related problems. The program uses a multidisciplinary approach, deriving its strength from biology, chemistry, mathematics, and various engineering disciplines as well as computational sciences. Together, these enable the graduate to analyze, design, synthesize, and test products and processes in a variety of areas, such as medical equipment and instrumentation, pharmaceuticals, biotechnology, prosthetics, and biomaterials.

**Fall semester:**

CEC 101 Computing, Engineering, and Society (1)\*  
 CHM 141, 144 College Chemistry and Laboratory (3, 2)\* MP  
 ENG 111 Composition and Rhetoric (3) MP  
 MTH 151 Calculus I (4) or MTH 249 Calculus II (5)\* MP  
 Global Miami Plan elective (3) MP

**Spring semester:**

CHM 142, 145 College Chemistry and Laboratory (3, 2)  
 CPB 102 Introduction to Chemical and Biomedical Engineering (3)\* or equivalent  
 PHY 191 General Physics with Laboratory I (5)  
 MTH 251 Calculus II (4)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

# Students may also be selected to complete the equivalent sequence of CEC 111 and CEC 112 (2, 2)

### Chemical Engineering

This program is accredited by the Engineering Accreditation Commission of ABET (<http://www.abet.org/>).

Chemical engineering students learn to apply the concepts of chemistry, biochemistry and biological science, and mathematics to solve problems in process engineering, product development, and research and development.

**Fall semester:**

CHM 141, 144 College Chemistry and Laboratory (3, 2)\* MPF IVB  
 CEC 101 Computing, Engineering, and Society (1)\*  
 ENG 111 Composition and Rhetoric (3) MP  
 MTH 151 Calculus I (4) or MTH 249 Calculus II (5)\* MP  
 MP Social Science or Humanities course (3)

**Spring semester:**

CHM 142, 145 College Chemistry and Laboratory (3, 2)  
 CPB 102 Introduction to Chemical and Biomedical Engineering (3)\* or equivalent  
 PHY 191 General Physics with Laboratory I (5)  
 MTH 251 Calculus II (4)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

# Students may also be selected to complete the equivalent sequence of CEC 111 and CEC 112 (2, 2)

### Computer Engineering

This program is accredited by the Engineering Accreditation Commission of ABET (<http://www.abet.org/>).

Computer engineers design and develop computers and digital systems, both stand-alone and ones that are included in products that range from home appliances

to industrial robots, from cars to aircraft. The program combines topics from computer science and electrical engineering.

**Fall semester:**

- CSE 174 Fundamentals of Programming and Problem Solving (3)
- CEC 101 Computing, Engineering, and Society (1)<sup>#</sup>
- ENG 111 Composition and Rhetoric (3) MP **or** MP Biological Science course (3)
- MTH 151 Calculus I (4) **or** MTH 249 Calculus II (5)\* MP
- PHY 191 General Physics with Laboratory I (5) MP

**Spring semester:**

- CSE 271 Object Oriented Programming (3)
- ECE 102 Introduction to Electrical and Computer Engineering (3)<sup>#</sup> **or** equivalent
- MTH 251 Calculus II (4)
- PHY 192 General Physics with Laboratory II (5) MP
- ENG 111 Composition and Rhetoric (3) MP **or** MP Biological Science course (3)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

## **Computer Science**

This program is accredited by the Computing Accreditation Commission of ABET (<http://www.abet.org/>).

The computer science student graduates with an understanding of the key principles and practices of computing and the mathematical and scientific concepts that underpin them. The program emphasizes software design and development.

**Fall semester:**

- CSE 174 Fundamentals of Programming and Problem Solving (3)
- CEC 101 Computing, Engineering, and Society (1)<sup>#</sup>
- ENG 111 Composition and Rhetoric (3) MP **or** CSE 102 Introduction to Computer Science and Software Engineering (3)<sup>#</sup>
- MTH 151 Calculus I (4)\* MP
- Global Miami Plan electives (3-6)

**Spring semester:**

- CSE 271 Object-Oriented Programming (3)
- MTH 231 Elements of Discrete Mathematics (3)
- Math/Statistics Elective (3-4)
- CSE 102 Introduction to Computer Science and Software Engineering (3)<sup>#</sup> **or** ENG 111 Composition and Rhetoric (3) MP
- Global Miami Plan elective (3)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

<sup>#</sup> Students may also be selected to complete the equivalent sequence of CEC 111 and CEC 112 (2, 2)

## **Electrical Engineering**

This program is accredited by the Engineering Accreditation Commission of ABET (<http://www.abet.org/>).

Electrical engineering involves the design of circuits, devices, and systems, including computing systems, communication systems, control systems, digital circuits, sensors, and instruments. Electrical engineers apply math, science, and engineering to achieve the optimum design.

**Fall semester:**

- CEC 101 Computing, Engineering, and Society (1)<sup>#</sup>
- CSE 174 Fundamentals of Programming and Problem Solving (3)
- ENG 111 Composition and Rhetoric (3) MP **or** MP Creative Arts course (3)
- MTH 151 Calculus I (4) **or** MTH 249 Calculus II (5)\* MP
- PHY 191 General Physics with Laboratory I (5) MP

**Spring semester:**

- ECE 102 Introduction to Electrical and Computer Engineering (3)<sup>#</sup> or equivalent
- MTH 251 Calculus II (4)
- PHY 192 General Physics with Laboratory II (5) MP
- ENG 111 Composition and Rhetoric (3) MP **or** MP Creative Arts course (3)
- Miami Plan Biological Science course (3)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

<sup>#</sup> Students may also be selected to complete the equivalent sequence of CEC 111 and CEC 112 (2, 2)

## **Engineering Management**

This program combines engineering, business, science, mathematics, and the liberal arts to help you address technological problems in their larger organizational and societal contexts. You choose an engineering concentration in environmental engineering, paper science and engineering, manufacturing engineering or electronics and computing.

**Fall semester:**

CHM 141, 144 College Chemistry and Laboratory (3, 2) MP **or** PHY 191 General Physics with Laboratory I (5) MP \*\*

CEC 101 Computing, Engineering, and Society (1)<sup>#</sup>

ENG 111 Composition and Rhetoric (3) MP **or** Global Miami Plan elective (3)

MTH 151 Calculus I (4) **or** MTH 249 Calculus II (5)\* MP

CSE 174 Fundamentals of Programming and Problem Solving (3) **or** Global Miami Plan elective (3)

#### **Spring semester:**

CHM 142, 145 College Chemistry and Laboratory (3, 2) **or** PHY 192 General Physics with Laboratory II (5) MP\*\*

CSE 102 Computer Science and Software Engineering (3) **or** ECE 102 Introduction to Electrical and Computer Engineering **or** CPB 102 Introduction to Chemical and Biomedical Engineering **or** MME 102 Introduction to Mechanical and Manufacturing Engineering (3)<sup>#</sup>

MTH 251 Calculus II (4)

Miami Plan Foundation II or IIIB (3) **or** PHY 191 General Physics with Laboratory I (5)

ENG 111 Composition and Rhetoric (3) MP **or** Global Miami Plan elective (3)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

\*\* If your concentration is manufacturing engineering or electronics and computing, taking physics is preferable; for environmental or paper science concentrations, taking chemistry is preferable.

<sup>#</sup> Students may also be selected to complete the equivalent sequence of CEC 111 and CEC 112 (2, 2)

## **Manufacturing Engineering**

This program is accredited by the Engineering Accreditation Commission of ABET (<http://www.abet.org/>).

Manufacturing engineers design, develop, and control the manufacturing process so that quality products can be produced on time and at a competitive cost.

#### **Fall semester:**

CEC 101 Computing, Engineering, and Society (1)<sup>#</sup>

ENG 111 Composition and Rhetoric (3) MP **or** Global Miami Plan elective (3)

MTH 151 Calculus I (4) **or** MTH 249 Calculus II (5)\* MP

PHY 191 General Physics with Laboratory I (5) MP

Miami Plan elective (3)

#### **Spring semester:**

MME 102 Introduction to Mechanical and Manufacturing Engineering (3)<sup>#</sup> **or** equivalent

MTH 251 Calculus II (4)

PHY 192 General Physics with Laboratory II (5) MP

ENG 111 Composition and Rhetoric (3) MP **or** Global Miami Plan elective (3)

Global Miami Plan Humanities or Creative Arts course (3)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

<sup>#</sup> Students may also be selected to complete the equivalent sequence of CEC 111 and CEC 112 (2, 2)

## **Mechanical Engineering**

This program is accredited by the Engineering Accreditation Commission of ABET (<http://www.abet.org/>).

Mechanical engineers research, develop, analyze, design, manufacture, and test tools, engines, power systems, machines, and other mechanical devices and systems.

#### **Fall semester:**

CEC 101 Computing, Engineering, and Society (1)<sup>#</sup>

ENG 111 Composition and Rhetoric (3) MP **or** Global Miami Plan elective (3)

MTH 151 Calculus I (4) **or** MTH 249 Calculus II (5)\* MP

PHY 191 General Physics with Laboratory I (5) MP

Global Miami Plan elective (3) Humanities **or** Creative Arts

#### **Spring semester:**

MME 102 Introduction to Mechanical and Manufacturing Engineering (3)<sup>#</sup> **or** equivalent

MTH 251 Calculus II (4)

PHY 192 General Physics with Laboratory II (5) MP

ENG 111 Composition and Rhetoric (3) MP **or** Global Miami Plan elective (3)

Miami Plan course (3)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

<sup>#</sup> Students may also be selected to complete the equivalent sequence of CEC 111 and CEC 112 (2, 2)

## **Robotics Engineering**

The Robotics Engineering major encompasses industrial automation, autonomous systems and artificial intelligence. Robotics finds wide applications in industry and our daily life on an ever-increasing scale. It is a highly interdisciplinary field synthesizing elements from electrical and computer engineering, computer science and software engineering, mechanical and manufacturing engineering, mathematics as well as other disciplines.

**Fall semester:**

CSE 174 Fundamentals of Programming and Problem Solving (3)  
 CEC 101 Computing, Engineering, and Society (1)\*  
 ENG 111 Composition and Rhetoric (3) MP or Global Miami Plan Biological Science course (3)  
 MTH 151 Calculus I (4) or MTH 249 Calculus II (5)\* MP  
 PHY 191 General Physics with Laboratory I (5) MP

**Spring semester:**

CSE 271 Object Oriented Programming (3)  
 ECE 102 Introduction to Electrical and Computer Engineering (3)\* or equivalent  
 MTH 251 Calculus II (4)  
 PHY 192 General Physics with Laboratory II (5) MP  
 ENG 111 Composition and Rhetoric (3) MP or Global Miami Plan Biological Science course (3)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

# Students may also be selected to complete the equivalent sequence of CEC 111 and CEC 112 (2, 2)

## **Software Engineering**

Products from the phone in your hand to spacecraft on Mars are made possible by high-quality computer software. Software engineering is about creating such software. Problem solving, software design, programming, management, teamwork and professional practice are just some of the topics that are covered by the software Engineering major. You also select electives from a broad range of topics such as computer science, information systems, interactive media studies, and electrical and computer engineering.

**Fall semester:**

CSE 174 Fundamentals of Programming and Problem Solving (3)  
 CEC 101 Computing, Engineering, and Society (1)\*  
 ENG 111 Composition and Rhetoric (3) MP or CSE 102 Introduction to Computer Science and Software Engineering (3)\*  
 MTH 151 Calculus I (4)\* MP  
 Global Miami Plan electives (3-6)

**Spring semester:**

CSE 271 Object-Oriented Programming (3)  
 MTH 231 Elements of Discrete Mathematics (3)  
 Math/Statistics Elective (3-4)  
 CSE 102 Introduction to Computer Science and Software Engineering (3)\* or ENG 111 Composition and Rhetoric (3) MP  
 Global Miami Plan elective (3)

\* Check the mathematics placement guide in the Planning Your Schedule section of this Guidebook and consult your advisor for the appropriate course level.

# Students may also be selected to complete the equivalent sequence of CEC 111 and CEC 112 (2, 2)

## **Farmer School of Business**

### **1022 FSB, 513-529-1712**

Assistant Dean: Chanelle White, 1022 FSB, 513-529-1712.

The Farmer School of Business offers programs for those interested in careers in business, industry, and other complex organizations.

## **Admission Notes**

Admission to the Farmer School of Business is limited and the criteria for admission are subject to change as enrollment demands vary. Visit <http://MiamiOH.edu/fsb/admission/index.html> for more information.

### **Direct Admission**

Admission to the Farmer School of Business generally takes place upon entry as a first year student. The academic credentials required vary during each admission cycle and are determined by the Office of Admission. The review process is holistic and comprehensive and considers many variables to establish the context of a student's achievements and demonstrated potential to be successful in the rigorous curriculum. Additional details are available on the Farmer school website: <http://MiamiOH.edu/fsb/admission/highschool/index.html>

### **Admission for Current Students**

Current Miami University students who were not offered direct admission or who did not apply to the Farmer School of Business may seek admission through a non-competitive process by completing the following admission requirements: a student must have earned at least 30 graded credit hours at Miami University and hold a GPA of 3.50 or higher in a set of Miami Plan Foundation and business courses taken at Miami University; this set must include MTH 141 or MTH 151 and ECO 201. For more information, please contact the FSB Student Services Office at (513) 529-1712 and visit the Farmer School website: <https://www.miamioh.edu/fsb/admission/current-student/index.html>

If you are transferring from another institution, refer to the requirements detailed in the Transfer Students section of this guidebook.

## **Business Minors**

Admission to the Farmer School of Business is not required for a business minor. However, admission to most Farmer School of Business minors is limited and the respective departments are responsible for managing their enrollments. **Students may enroll in a maximum of two Farmer School of Business minors.** Some minors are available to students on a first-come, first-served basis while others have entry restrictions or requirements. Therefore, to increase the likelihood of gaining entry into a FSB minor, interested students should contact the department offering the minor as early as possible in their academic careers. Completion of a FSB minor may require taking coursework during summer and winter terms and/or online.

## **Registering for Courses**

The Farmer School of Business calls its **divisional requirements** the “common core of business courses.” These include courses in accountancy, business, business law, computing, economics, entrepreneurship, finance, management, marketing, and statistics. In addition, the school has a mathematics requirement (MTH 151 Calculus I or MTH 141 Business Calculus), a communications requirement (BUS/ENG/284 Advanced Business Communication), a Business Capstone requirement, and a diversity requirement. Courses that satisfy the diversity requirement can be found on the FSB advising website: [www.fsb.miamioh.edu/diversity-courses](http://www.fsb.miamioh.edu/diversity-courses). **Most FSB diversity courses satisfy the Miami Plan Foundation Intercultural Perspectives.**

When you register, keep these things in mind:

- Business Calculus (MTH 141), Calculus I (MTH 151) or its equivalent is required of all business students. Your ACT Math score or your Math Placement Test score determines placement into the appropriate course. If you have questions, consult the math advisor during orientation or an advisor in the Department of Mathematics. MTH 141 or MTH 151 fulfills Miami Plan Foundation V.
- Business Analysis (BUS) 101, 102, 104 and Entrepreneurship (ESP) 103 are required for all first-year business students and are taken concurrently in either the fall or spring semesters. These four courses are known as the First-Year Integrated Core (FYIC).
- Information Systems and Analytics (ISA) 235 is required of all business students. To prepare for this course, you should schedule the prerequisite course Computer Science and Software Engineering (CSE) 148, Business Computing in either semester of the first year.
- Economics (ECO) 201 and 202 are required of all business majors and fulfill the social science requirement of the Miami Plan Foundation IIC.

Business: Sample First-Year Schedule\*

### **Fall semester:**

ENG 111 Composition and Rhetoric (3) MP or Creative Arts (3) MP  
 MTH 141 Business Calculus (5) or MTH 151 Calculus I (4) MP  
 CSE 148 Business Computing (3)  
 Natural Science (3-4) MP  
 BUS 106 FSB Success Strategies (1)

### **Spring semester:**

ENG 111 Composition and Rhetoric (3) MP or Creative Arts (3) MP  
 Humanities or Diversity, Intercultural Perspective or Natural Science (3-4) MP  
 BUS 101 Foundations of Business (2)  
 BUS 102 Foundations of Business Communication (2)  
 ESP 103 Creativity, Innovation and Entrepreneurial Thinking (2)  
 BUS 104 Introduction to Computational Thinking for Business (2)  
 Elective (0-2)

\*Students who have Advanced Placement (AP) or college level transfer work may advance coursework into one or more business core courses (ACC 221, ACC 222, STA/ISA 125, ISA 225, ECO 201, ECO 202) in the first year, as appropriate and interested.

## **College of Liberal Arts & Applied Science (Regional Campuses)**

Miami University Regional Campuses includes Miami Hamilton and Miami Middletown, two community-based campuses of Miami University, a highly-regarded public university with a national reputation. Miami Regionals also includes the Voice of America Learning Center (VOALC) in West Chester.

The College of Liberal Arts & Applied Science is home to Miami’s Regional Campuses’ twelve academic departments. It offers a flexible and affordable model of education to meet the needs for economic, community and work-force development in our region. Academic offerings include the following:

- Certificates
- Associate degrees
- Bachelor degrees
- Beginning coursework for most Miami University bachelor’s degree programs

**Online courses** are completely online and do not require you to physically attend a regular class meeting. Online courses are offered through a password-protected collaborative learning environment called Canvas. Course content is available 24 hours a day and communication takes place in a variety of ways. There are two types of online courses:

- Online Asynchronous - All activities occur online, with no synchronous sessions or activities.
- Online Synchronous - All class sessions meet synchronously via web conference, with few or no asynchronous online activities

The advantages of online courses include flexibility, mobility, and accessibility. Keep in mind that these courses can be very time-consuming and require discipline and good time management to complete.

## Certificates - Suggested First-Year Courses

### ***Certificate: Manufacturing Foundations***

The Miami University Manufacturing Foundations Certificate is a state-wide program that prepares students for entry-level positions in the high demand field of Manufacturing. All credits earned in this certificate apply seamlessly toward Miami University's Mechanical Engineering Technology associate degree.

**Potential Career Paths:** Upon completion of the program, students will be able to: use a commercially available CAD system to create meaningful engineering drawings including dimensions and tolerances; multiple views and projections; assemblies and bill of materials; and 3D models. Students also learn methods to apply fundamental knowledge of engineering materials and why they are utilized in an industrial application.

**Fall Semester:**

- MTH 125 Precalculus (5)
- ENT 135 Computer-Aided Drafting (3)
- ENT 151 Engineering Materials (3)

**Spring Semester:**

- EGS 215 Workplace Writing (3)
- ENT 152 Computer-Aided Manufacturing I (3)
- Internship (1-3)

## Associate Degrees - Suggested First-Year Courses

### ***Commerce: Associate of Applied Business***

The Associate of Applied Business: Business Management Technology associate degree is for those who want to enter business fields and improve their career opportunities.

**Potential Career Paths:** Graduates without extensive work experience typically start in entry-level, management-support positions and advance to more responsible positions with experience, motivation, and ability.

**Fall Semester:**

- ENG 111 Composition and Rhetoric (3) MP
- CMR 105 Introduction to Marketing (3)
- CMR 111 Introduction to Management I (3)
- CMR 181 Computers and Business (3)
- STC 136 Intro to Interpersonal Communication (3) MP

**Spring Semester:**

- CMR 101 Introduction to Accounting (3)
- CMR 106 Introduction to Business and the Economy (3) MP
- CMR 108 Introduction to Business Law (3)
- STA 261 Statistics (4) MP OR MTH 119 Quantitative Reasoning (4) MP
- MPF III Global Perspectives OR IV Natural Science (3)

### ***Computer Technology: Associate in Applied Science***

**Potential Career Paths:** computer programmers and system support personnel

**Fall Semester:**

- CEC 101 Computing, Engineering and Society (1)
- CSE 174 Fundamentals of Programming and Problem Solving (3)
- ENG 111 Composition and Rhetoric (3) MP
- MPF IIA Creative Arts (3)
- MTH 151 Calculus I (5) MP

**Spring Semester:**

- CSE/CIT 262 Technology, Ethics, and Global Society (3) MP
- CSE 271 Object Oriented Programming (3)
- ECO 201 Economics (3) MP
- MTH 251 Calculus II (4)
- STC 135 Principles of Public Speaking (3) or STC 231 Small Group Communication (3)

## **Computer and Information Technology: Associate in Applied Science**

**Potential Career Paths:** technically skilled professionals who can design computer programs and systems, support users, and provide administration and maintenance of computer networks.

### **Fall Semester:**

- ENG 111 Composition and Rhetoric (3) (MP I) or Global Miami Plan (3)
- STC 135 Introduction to Public Expression and Critical Inquiry (3)
- MTH 125 Precalculus (5)
- CIT 167 IT People and Practices (2)
- CIT 168 IT Tools and Techniques (4)

### **Spring Semester:**

- CIT 268 Intro to Human-Computer Interaction (3)
- CIT 214 Database Design (3)
- CSE 163 Introduction to Computer Concepts and Programming (3) MP
- Major Concentration (3)
- MPF IIA Creative Arts or MPF IV Natural Science (3-4)

## **Criminal Justice: Associate in Applied Science\***

**Potential Career Paths:** law enforcement officers; corrections officers; and may work within probation, parole or private security agencies.

### **Fall Semester:**

- ENG 111 Composition and Rhetoric (3) MP
- CJS 101 Introduction to Criminal Justice Studies (3) MP
- CJS 125 Law and the Courts (3)
- POL 142 American Politics & Diversity (4) OR CRE 151 Intro. to Critical Race & Ethnic Studies (3)
- MPF IIA Creative Arts (3)

### **Spring Semester:**

- CJS 231 Criminal Procedure (3)
- MPF IIB Humanities
- MPF III Global Perspectives (3)
- STA 261 Statistics (4) MP
- CJS Elective - Recommend CJS 232 Criminal Defense & Adjudication

## **Engineering Technology: Associate of Applied Science**

Accredited by the Engineering Technology Accreditation Commission of ABET, <http://www.abet.org/> First year students who want to pursue a bachelor's degree in Engineering Technology must first earn an associate degree in Engineering Technology. Students should begin with the following suggested coursework in either Electrical and Computer Engineering Technology or Mechanical Engineering Technology

## **Electrical and Computer Engineering Technology: Associate in Applied Science**

**Potential Career Paths** electronic technicians, electrical maintenance technicians, computer maintenance and network technicians, engineering assistants, and other related paraprofessional positions.

### **Fall Semester:**

- ENG 111 Composition and Rhetoric (3)
- ENT 135 Computer-Aided Drafting (3)
- ENT 137 Introduction to Engineering Technology (1)
- ENT 192 Circuit Analysis I (3)
- MTH 125 Precalculus or MTH 151 Calculus (4-5) MP (course based on math placement)

### **Spring Semester:**

- STC 135 Principles of Public Speaking (3)
- ENT 193 Circuit Analysis II (3)
- ENT 196 Electronics (3)
- PHY 161 Physics for the Life Sciences with Laboratory I (4) MP
- CSE 163 Intro to Computer Concepts & Programming (3) MP

## **Mechanical Engineering Technology: Associate in Applied Science**

**Potential Career Paths:** Engineering Technicians within manufacturing related areas such as testing, analysis, design, and development of products.

### **Fall Semester:**

- ENG 111 Composition and Rhetoric (3) MP
- ENT 135 Computer-Aided Drafting (3)
- ENT 137 Introduction to Engineering Technology (1)
- ENT 151 Engineering Materials (3)
- MTH 125 Precalculus or MTH 151 Calculus (5) MP (course based on math placement)

ENT 192 Circuit Analysis I (3)  
 STC 135 Principles of Public Speaking (3) OR STC 136 Introduction to Interpersonal Communications (3) MP

**Spring Semester:**

CSE 163 Introduction to Computer Concepts and Programming (3) MP  
 ENT 152 Computer-Aided Manufacturing I (3)  
 ENT 271 Mechanics I: Statics (3)  
 PHY 161 Physics for Life Science (4) OR PHY 191 General Physics (4-5) MP  
 STC 135 Principles of Public Speaking (3) OR STC 136 Introduction to Interpersonal Communications (3) MP

**General Studies: Associate in Arts**

Concentrations are available in: Business, Creative Arts, Education, Health & Society, Engineering & Computing, Humanities, Liberal Studies and Applied Science, Natural Sciences and Mathematics, and Social Sciences.

**Potential Career Paths:** management, healthcare, sales, marketing, or continue with a bachelor's degree.

**Fall Semester:**

ENG 111 Composition and Rhetoric (3) MP  
 MPF IIA Creative Arts (3)  
 MPF IIB Humanities (3)  
 MPF III Global Perspective (3)  
 MPF IV Physical or Biological Science (4)

**Spring Semester:**

Division Course (CLAS, CAS, CEC, CCA, EHS, FSB)  
 MPF III Global Perspective (3)  
 MPF IIC Social Science (3)  
 MPF IV Physical or Biological Science (4)  
 MPF V Math, Formal Reasoning, Technology (3)

**Prekindergarten Education: Associate in Applied Science**

**Potential Career Paths:** public or private child care centers, preschools, or Head Start programs as teachers, support personnel or administrators/directors.

**Fall Semester**

ENG 111 Composition and Rhetoric (3) MP \*  
 EDT 190 Introduction to Education (3) \* †  
 EDP 201 Human Development and Learning in Social and Educational Contexts (3) MP \* †  
 EDT 273 Prekindergarten Integrated Curriculum I (3)  
 FSW 283 Introduction to Child Care Administration (3)

**Spring Semester**

MTH 115 Mathematics for Teachers (4) MP  
 FSW 382 Infant and Toddler Caregiving and Supervision (3)  
 FSW 207 Serving and Supporting Children, Youth and Families I (4)  
 KNH 245 Issues of Health & Wellness for the Young Child (3)\*  
 EDT 274 Prekindergarten Integrated Curriculum II (3)

\* Course can be applied to Bachelor of Science Degree in Early Childhood Education.

† TAG course required by the state of Ohio Department of Education.

**Technical Study: Associate of Technical Study**

**Potential Career Paths:** Career paths would depend upon the technical courses chosen, such as engineering, computing, or commerce.

**Fall Semester:**

ENG 111 Composition and Rhetoric (3) MP  
 STC 135 Principles of Public Speaking (3) or STC 136 Introduction to Interpersonal Communication (3) MP or STC 231 Small Group Communication (3)  
 MPF IV Biological or Physical Science (4)  
 Technical Courses from CIT, CMR, ENT, NSG (6)

**Spring Semester:**

EGS 215 Workplace Writing (3) GMP  
 MPF IIA Creative arts, MPF IIB Humanities, or MPF IIC Social Science course (3)  
 MPF III Global Perspectives (3)  
 Technical Courses from CIT, CMR, ENT, NSG (6)

## Bachelor Degrees - Suggested First-Year Courses

### ***Applied Biology: Bachelor of Science***

Applied Biology offers two concentrations: 1) Environmental Biology and 2) Human Biology & Health Sciences.

**Potential Career Paths:** Graduates with this applied biology degree are qualified for careers such as: lab technicians, laboratory research assistants, consultants, U.S. and Ohio Environmental Protection Agency field and lab positions, field biology, technical writers, pharmaceutical sales representatives, and natural resource managers.

#### *Environmental Biology Concentration*

##### **Fall Semester:**

- ENG 111 Composition and Rhetoric (3) MP
- MPF IIA Creative Arts (3)
- MPF IIB Humanities (3)
- BIO 115 Biological Concepts: Ecology, Evolution, Genetics, and Diversity (4) MP
- GLG 121 Environmental Biology (3) MP

##### **Spring Semester:**

- STA 261 Statistics (4) MP
- BIO 116 Biological Concepts: Structure, Function, Cellular, and Molecular Biology (4) MP
- MPF III Global Perspective (3)
- ECO 201 Microeconomics or POL 241 American Political System (3) MP
- GLG 115L Understanding the Earth (1) MP

#### *Human Biology & Health Science Concentration*

##### **Fall Semester:**

- ENG 111 Composition and Rhetoric (3) MP
- MPF IIA Creative Arts (3)
- BIO 115 Biological Concepts: Ecology, Evolution, Genetics, and Diversity (4) MP
- CHM 141R College Chemistry I (4) MP
- CHM 144 College Chemistry I Lab (2) MP

##### **Spring Semester:**

- CHM 142M College Chemistry II for Majors (3) MP
- CHM 145 College Chemistry II Lab (2) MP
- BIO 116 Biological Concepts: Structure, Function, Cellular, and Molecular Biology (4) MP
- MPF IIB Humanities (3)
- MPF IIC Social Science (3)

### ***Communication Studies: Bachelor of Arts in Applied Communication***

**Potential Career Paths:** training and development manager, meeting and event planning, advertising and promotion manager, sales manager

##### **Fall Semester:**

- ENG 111 Composition and Rhetoric (3) MP OR ENG 109 Composition & Rhet L2 Writers (4) MP
- MPF IIA Creative Arts (3)
- STC 135 Principles Public Speaking (3)
- MPF III Global Perspective (3)
- Elective (3)

##### **Spring Semester:**

- STA 261 Statistics (4) MP
- STC 136 Introduction to Interpersonal Communication (3) MP
- APC 239 Theories of Communication (3)
- Elective (6)

### ***Community Arts: Bachelor of Arts\****

**Potential Career Paths:** directors, coordinators, outreach specialists, designers, fundraisers, and art educators within community arts organizations

##### **Fall Semester:**

- ENG 111 Composition and Rhetoric (3) MP
- MPF IIC Social Science (3)
- CMA 101 Introduction to Community Arts (1)
- Community Arts Foundation – ART 187, 188, MUS 135, 185, 189, or THE 191 (3) MP
- Community Arts Foundation—ART 102, 103, 104, 105, 106, 111, 121, ENG 226, THE 101 or THE 123 (3)
- Elective (3)

**Spring Semester:**

Community Arts Foundation—ART 102, 103, 104, 105, 106, 111, 121, ENG 226, THE 101, or THE 123 (3)  
 MPF IIB Humanities (3)  
 MPF III Global Perspectives (3)  
 MPF V Math, Formal Reasoning, Technology (3)  
 Elective (3)

***Criminal Justice: Bachelor of Science in Criminal Justice***

**Potential Career Paths:** police officer, corrections officer, probation and parole officer, and court administrator. Graduate study in criminal justice, criminology, sociology, political science and law school are also possible.

**Fall Semester:**

ENG 111 Composition and Rhetoric (3) MP  
 CJS 101 Introduction to Criminal Justice Studies (3) MP  
 MPF IV Biological or Physical Science (3-4)  
 MPF IIA Creative Arts (3)  
 Elective (3)

**Spring Semester:**

CJS 211 Policing in America (3)  
 CJS 271 Intro to Criminal Behavior (3)  
 STA 261 Statistics (4) MP  
 Electives (6)

***Digital Commerce: Bachelor of Science in Commerce***

**Potential Career Paths:** social media, marketing automation, market strategy, digital analytics, content management, and email marketing

**Fall Semester:**

ENG 111 College Composition (3) MP  
 CMR 111 Introduction to Management (3)  
 MPF IIA Creative Arts (3)  
 MPF IV Natural Science (4)  
 Elective (3)

**Spring Semester:**

CMR 108 Introduction to Business Law (3)  
 CMR 101 Introduction to Accounting (3)  
 MPF III Global Perspectives (3)  
 STA 261 Statistics (4) MP  
 MPF IIB Humanities (3)

***Engineering Technology: Bachelor of Science in Applied Science***

The Department of Engineering Technology offers Bachelor's Completion Degrees in four different concentrations, Electro-Mechanical, Electrical and Computer, Mechanical, and Robotics. First year students who want to pursue a bachelor's degree in Engineering Technology must first earn an associate degree in Engineering Technology. Students should begin with the suggested Associate of Applied Science coursework in either Electrical and Computer Engineering Technology or Mechanical Engineering Technology. Transfer students with an earned associate degree in Engineering Technology will work with an Engineering Technology academic advisor to determine appropriate coursework.

**Electro-Mechanical Concentration**

The Electro-Mechanical Engineering Technology bachelor's completion degree program is accredited by the Engineering Technology Accreditation Commission of ABET. <http://www.abet.org>.

**Potential Career Paths:** process control, electronic instrumentation, testing, manufacturing, sales, and service. analysis and design of process control equipment, laboratory testing services, product sales and service, applications engineering, and the development of systems that require a hardware/software interface.

Students should begin with the suggested Associate of Applied Science coursework in either Electrical and Computer Engineering Technology or Mechanical Engineering Technology.

**Electrical and Computer Concentration**

**Potential Career Paths:** automated manufacturing, instrumentation and control, medical systems, energy and environmental systems, wireless communication and digital signal processing.

The Electrical and Computer Engineering Technology bachelor's completion degree program is accredited by the Engineering Technology Accreditation Commission of ABET. <http://www.abet.org>.

Students should begin with the suggested Associate of Applied Science coursework in either Electrical and Computer Engineering Technology or Mechanical

Engineering Technology.

## **Mechanical Concentration**

The Mechanical Engineering Technology bachelor's completion degree program is accredited by the Engineering Technology Accreditation Commission of ABET. <http://www.abet.org>.

**Potential Career Paths:** computer aided design, computer aided analysis, and computer aided manufacturing, testing, analysis, design, and development of industrial and consumer products.

Students should begin with the suggested Associate of Applied Science coursework in either Electrical and Computer Engineering Technology or Mechanical Engineering Technology.

## **Robotics Engineering Technology Concentration**

**Potential Career Paths:** design and development of robotics systems and robot platforms, industrial robots and factory automation, mobile robots, design and development of automation and control systems, robotics sales and service.

Students should begin with the suggested Associate of Applied Science coursework in either Electrical and Computer Engineering Technology or Mechanical Engineering Technology.

## ***English Studies: Bachelor of Arts***

**Potential Career Paths:** writing and editing, publishing, media, market research, advertising, libraries, non-profit organizations, public service, government, business, law

### **Fall Semester:**

ENG 111 Composition and Rhetoric (3) MP  
 Major Course: Survey or Genre (3) Discuss options with English Studies advisor  
 MPF IIC Social Science (3)  
 MPF III Global Perspectives (3)  
 Elective (3)

### **Spring Semester:**

Major Course: Survey or Genre (3) Discuss options with English Studies advisor  
 MPF IIA Creative Arts (3)  
 MPF III Global Perspectives (3)  
 MPF IV Natural Science (3-4)  
 Elective (3)

## ***Health Communication: Bachelor of Science in Applied Communication***

**Potential Career Paths:** patient advocates, public and community health advisers, technical writers, health education professionals, public relations and health communication specialists within hospitals, rehabilitation facilities, medical offices, nursing homes, community health centers, psychiatric facilities, and government agencies.

### **Fall Semester:**

ENG 111 Composition and Rhetoric (3) MP OR ENG 109 Composition & Rhet L2 Writers (4) MP  
 MPF IIA Creative Arts (3)  
 PHL 131 Intro to Ethics (3) MP  
 MPF III Global Perspective (3)  
 Elective (3)

### **Spring Semester:**

STA 261 Statistics (4) MP  
 APC 201 Intro to Health & Risk Communication (3)  
 STC 136 Intro Interpersonal Communication (3) MP  
 MPF IV Natural Science (4)  
 Elective (3)

## ***Hospitality Management: Bachelor of Science in Commerce***

**Potential Career Paths:** Work in hospitality management focused businesses to build and maintain sustainable vendor and guest relationships.

### **Fall Semester:**

ENG 111 College Composition (3) MP  
 CMR 111 Introduction to Management (3)  
 MPF IIA Creative Arts (3)  
 MPF IV Natural Science (4)

Elective (3)

**Spring Semester:**

CMR 108 Introduction to Business Law (3)  
 CMR 101 Introduction to Accounting (3)  
 MPF III Global Perspectives (3)  
 STA 261 Statistics (4) MP  
 MPF IIB Humanities (3)

***Information Technology: Bachelor of Science in Information Technology***

**Potential Career Paths:** IT support, networking (administration and monitoring), electronic health records support (HIT), data analysis, secure data transmission, data administration, software development.

***Information Technology:***

**Fall Semester:**

**Fall Semester:**

CIT 167 IT People and Practices (2)  
 CIT 168 IT Tools and Techniques (4)  
 ENG 111 Composition and Rhetoric (3) MP  
 MTH 125 Precalculus (5)  
 STC 135 Principles of Public Speaking (3)

**Spring Semester:**

CIT 214 Database Design (3)  
 CSE 163 Introduction to Computer Concepts and Programming (3) MP  
 ENG 112 College Composition and Literature (3) or EGS 215 Workplace Writing (3) GMP  
 MPF IIA Creative Arts (3)  
 STA 261 Statistics (4) MP

***Health Information Technology:***

**Fall Semester:**

CIT 168 IT Tools and Techniques (4)  
 ENG 111 Composition and Rhetoric (3)  
 MTH 125 Precalculus (5)  
 STC 135 Principles of Public Speaking (3)

**Spring Semester:**

CIT 214 Database Design (3)  
 CSE 163 Introduction to Computer Concepts and Programming (3) MP  
 ENG 112 College Composition and Literature (3) or EGS 215 Workplace Writing (3) GMP  
 MPF IIA Creative Arts (3)  
 STA 261 Statistics (4) MP

***Integrative Studies: Bachelor of Integrative Studies***

This major is an individualized program. The sequencing of requirements may vary. Please contact the Department of Interdisciplinary and Communication Studies.

Potential Career Paths: Students in Integrative Studies build a Bachelor's degree that works best for them, by making connections among fields of study that fit their educational, career, and personal goals.

**Fall Semester:**

ENG 111 Composition and Rhetoric (3) MP  
 MPF IIB Humanities (3)  
 MPF IIC Social Science (3)  
 BIS - 21st Century literacy  
 Elective (3)

**Spring Semester:**

MPF IIA Creative Arts (3)  
 MPF III Global Perspective (3)  
 MPF IV Natural Science (3-4)  
 GMP Advanced Writing (3)  
 Elective (3)

## **Liberal Studies: Bachelor of Arts or Science**

This major is designed as a bachelor completion program for students with a varied skill set and a substantial number of credits. Please contact the Department of Interdisciplinary and Communication Studies, 513-785-3055, [ics@MiamiOH.edu](mailto:ics@MiamiOH.edu).

### **Bachelor of Science in Nursing**

**Potential Career Paths:** BSN-prepared nurses are preferred by many hospitals and healthcare agencies. Graduates will have opportunities in acute care, community-based care, primary care, specialty care, and are prepared for the pursuit of graduate education.

#### **Suggested First Year Courses**

##### **Fall Semester**

BIO 171 Human Anatomy and Physiology (4) MP  
 CHM 131 Chemistry of Life Processes (4) OR CHM 141 College Chemistry (3) & 144 Lab (2) MP  
 ENG 111 Composition and Rhetoric (3) MP  
 MPF IIA Creative Arts (3)  
 MPF III Global Perspectives (3)

##### **Spring Semester**

BIO 172 Human Anatomy and Physiology (4)  
 MBI 161 Elementary Medical Microbiology (4) MP  
 or  
 MBI 111 Microorganisms and Human Disease (3) and MBI 123 Experimenting with Microbes (1) MP  
 MPF III Global Perspectives (3)  
 MPF IIB Humanities course (3)  
 Intercultural Perspectives (3) MP

## **Psychological Science: Bachelor of Arts**

**Potential Career Paths:** child development specialist, child life specialist, psychiatric technician, mental health technician, substance abuse technician, department manager, human resources adviser, market research analyst, medical and health services manager, social and community service manager, project evaluator, as well as pursuit of graduate school in psychology and related fields.

##### **Fall Semester:**

PSY 111 Introduction to Psychology or PSY 200-level\* (if AP or transfer credit for PSY 111) (3) MP  
 PSY 112 Foundational Experiences in Psychology\* (1) GMP – Experiential Learning  
 ENG 111 Composition and Rhetoric (3) MP  
 Foreign Language 101\* (4) (based on placement)  
 Elective (3)

##### **Spring Semester:**

PSY 210 Psych Across Cultures\* (3) Or PSY 221 Social Psychology\* (3)  
 Foreign Language 102\* (4) (based on placement)  
 STA 261 Statistics\* (4) MP  
 MPF IIB Humanities (3)  
 Elective (3)

\*Course can be applied to the Psychological Science or the Psychology degree requirements.

## **Sales Management: Bachelor of Science in Commerce**

**Potential Career Paths:** sales/sales management as well as other organizations in managerial and staff capacities

##### **Fall Semester:**

ENG 111 College Composition (3) MP  
 CMR 111 Introduction to Management (3)  
 MPF IIA Creative Arts (3)  
 MPF IV Natural Science (4)  
 Elective (3)

##### **Spring Semester:**

CMR 108 Introduction to Business Law (3)  
 CMR 101 Introduction to Accounting (3)  
 MPF III Global Perspectives (3)  
 STA 261 Statistics (4) MP  
 MPF IIB Humanities (3)

## **Small Business Management: Bachelor of Science in Commerce**

**Potential Career Paths:** Work in small businesses and other organizations in managerial and staff capacities.

##### **Fall Semester:**

ENG 111 College Composition (3) MP

CMR 111 Introduction to Management (3)  
 MPF IIA Creative Arts (3)  
 MPF IV Natural Science (4)  
 Elective (3)

**Spring Semester:**

CMR 108 Introduction to Business Law (3)  
 CMR 101 Introduction to Accounting (3)  
 MPF III Global Perspectives (3)  
 STA 261 Statistics (4) MP  
 MPF IIB Humanities (3)

## Tips for Special Populations of Students

### *Honors College Students & Prodesse Scholars*

#### **Honors College Requirements**

This mission of the Honors College is to foster rigorous academic inquiry in a community of learners through innovative teaching and learning, an engaging interdisciplinary and research-oriented curriculum, creative and critical inquiry with talented faculty, and diverse leadership and service opportunities.

The Honors College requires students to complete eight (8) Honors Experiences over the course of their undergraduate studies. This averages out to one (1) experience per semester. The intended path is:

- Two (2) First-Year Honors courses
- Four (4) Honors Experiences in any combination of the following:
  - Honors courses or course extensions
  - Independent research, mentored by faculty
  - Internships, student-teaching, co-ops, or other pre-professional opportunities
  - Study abroad
  - Significant philanthropic, service-oriented, creative, or leadership projects
- Two (2) Honors thesis-related experiences, completed during the student's senior year, during which a student completes a scholarly, creative, or pre-professional project under the mentorship of a faculty member in the student's field.

Your Honors advisor will work with you to plan your individualized Honors path.

#### **Regional Campus Honors Program**

Beginning in Fall 2021, Regional campus students are not eligible to participate in the Honors College in Oxford while registered as Miami Regional (Middletown/Hamilton) students.

The Miami University Regional Campuses has an Divisional Honors Program for College of Liberal Arts & Applied Science (CLAS) students. For more information about the program and an application, please contact: Dr. John Cinnamon, [cinnamjm@miamioh.edu](mailto:cinnamjm@miamioh.edu).

#### **Honors Course Registration**

Honors College content is included in the orientation Canvas modules, and Honors advisors are available to work with students individually to discuss Honors requirements. Consult the Honors orientation Canvas modules to contact your Honors advisor directly, or email [honorsadvising@MiamiOH.edu](mailto:honorsadvising@MiamiOH.edu). Please note that your divisional advisor is your primary resource for advising questions not related to Honors.

#### **Prodesse Scholars Program**

Oxford campus students accepted into the Prodesse Scholars Program participate in a one-year, cohort-based experience that is led by an outstanding faculty member, focused on a cross-cutting and relevant theme or problem, and supported by one of Miami's renowned interdisciplinary centers or institutes.

Students are automatically enrolled in the Prodesse Scholars Canvas site. To remain in the program, Prodesse Scholars are required to complete in their first year of study:

- One approved interdisciplinary theme-related course or seminar in the fall semester of the first year
- One approved integrative co-curricular activity or project which relates to one of the program themes in the fall or spring semester of the first year

- Completion of two (2) reflection essays on these experiences, submitted via the Prodesse Scholars Canvas site

Efforts are made to offer a diversity of seminar topics and co-curricular opportunities so that students may make choices that suit their interests and schedules. Through Prodesse Scholars programming and activities, you will recognize the value of learning and working with individuals from multiple disciplines and how this integrated approach to education provides an excellent foundation for all career paths. For more information about the Prodesse Scholars Program, please visit: <https://miamioh.edu/academics/honors-programs/prodesse/index.html> or contact Amy Bergerson at [bergera9@miamioh.edu](mailto:bergera9@miamioh.edu).

## **International Students**

Welcome to Miami University! We are proud to have you as part of our community. Here are some tips for you:

- You will be registered for a course focused on your educational transition to Miami University (UNV 101 I Am Miami or CAS 116 American Academic Culture & Communication).
- Become familiar with the International Student & Scholar Services (ISSS) which is located in MacMillan Hall, room 214 (advising) and room 017 (International Student Center).
- International students who are in F-1 or J-1 status should follow these rules to ensure maintenance of legal status. Please note these regulations are subject to change. More information can be found on the ISSS website at [www.MiamiOH.edu/international](http://www.MiamiOH.edu/international).
  - Maintain full-time enrollment (12 credits) each Fall and Spring semester.
  - Do not enroll in more than one online course per semester.
  - Make sure your I-20 or DS-2019 is valid, accurate, and issued by Miami University – notify ISSS of any changes in your major, degree level, or source of funding.
  - Make sure you have a valid travel signature from ISSS on your I-20 or DS-2019 before traveling outside the US.
  - F-1 students are authorized to work on campus up to 20 hours per week during the school year. J-1 students must obtain authorization from ISSS for on-campus employment. Do NOT seek or accept off-campus employment prior to discussing it with ISSS.
  - Update your local address through BannerWeb within 10 days of moving each time you move.
  - Do not stay in the United States beyond the grace period associated with your visa status – 60 days beyond degree completion for F-1 students, 30 days beyond program completion for J-1 students.
  - Make sure your passport remains valid – you can renew your passport through your country's embassy in the US.

## **International Student and Scholar Services**

International Student and Scholar Services (ISSS), located in MacMillan Hall, room 214 (advising) and 017 (International Student Center), has staff members ready to help students with the following:

- Visa regulations and procedures for maintaining legal status
- General advising, resources and referrals to other campus offices
- Acculturation to campus and the local area
- Excursions and field trips to off-campus locations

Many requests (for example: travel signatures) can be made online through InterLink at <https://ioffice.MiamiOH.edu>.

ISSS sends a weekly newsletter to all enrolled international students via your Miami email account announcing relevant programs and excursions as well as visa-related reminders and other resources. Information is also posted online at [www.MiamiOH.edu/international](http://www.MiamiOH.edu/international). You can find ISSS on Facebook, Instagram and WeChat at "MiamiOhISSS."

For questions or to schedule an appointment with an international student advisor, email [international@MiamiOH.edu](mailto:international@MiamiOH.edu), call 513-529-8600, or visit ISSS in MacMillan 214 or 017.

### **English Placement**

At Miami University, all students, including international students, must satisfy the first-year English requirement. Students are placed in the appropriate English courses based on test scores or other proof of English proficiency received at the time of admission, as well as electronically and locally administered placement tests in writing and speaking.

- CAS 116 is a transition course designed to support academic English speaking and listening skills
- ENG 107 is designed to provide foundational skills for international students in written English
- ENG 108 is a course designed to provide international students with competence in written academic English and a basic understanding of American cultures
- ENG 109 is similar to ENG 111 except ENG 109 concentrates on special needs of non-native speakers.

The University expects students to take English courses until the first-year requirement is completed (ENG 109 or ENG 111), which may take one to three semesters, depending on where students are placed in their first semester.

### American Culture and English (ACE) Program

International students who receive Conditional Admission to Miami are enrolled in Miami's American Culture and English (ACE) Program during their first term. For a student's status to be changed from conditional admission to regular enrollment, the student must successfully complete and fulfill all criteria established by the program. Students must complete ACE within two semesters in order to matriculate to Miami University. Please note that additional course fees may apply for ACE courses.

### English Language Center (ELC)

The Miami University Regionals ELC is a 5-Level intensive English program (IEP) designed to provide participants access to the highest quality academic English language education in a safe and optimal learning environment. Participants who successfully complete the ELC program leave with the necessary language, college, social, cultural, soft, and life skill sets to be successful in Miami University's higher-education system and become valuable contributing members in the University, local, and global communities and workforces.

## Regional Campuses

Welcome to Miami University! We are proud to have you as part of our community. Regional students are a varied and diverse group. Some students are attending our campuses directly after high school, while others have taken a few years off or are adult learners. Some are student parents, the first in their families to attend college, or veterans. Others may be working just a little or full-time. Regardless of which of these categories describes you, know that we are committed to your learning and success. Here are some tips for you:

- Step outside of your comfort zone. Meet new people, take new classes, and participate in the many programs, organizations, and events Miami's campuses have to offer.
- Enroll in UNV 101, "I am Miami," or a recommended major based freshman seminar in your first semester at Miami University. This class establishes a solid foundation for college and career success as it introduces you to the skills and resources you'll use to make the most of your time at Miami.
- Consider getting involved on campus. The Regional Campuses offer many ways for students to get involved in the campus community. The Regional Campuses offer over 40 student organizations, opportunities for community-engagement, athletics, and many social and academic events. Getting involved with campus can help you feel more comfortable with college life and will help you build relationships at Miami.
- Avoid the mistakes many college students make:
  1. Be prepared to study. If your study skills aren't as solid as you'd like, no problem. Enroll in EDT 110R or connect with a Tutoring and Learning Center coach.
  2. Be realistic when considering how your class AND study schedule will fit with your work and home/life schedules. Doing well in college requires doing schoolwork outside of class. See below for recommendations on how to balance college and work.
  3. Seek help early if you feel stressed or overly anxious. Utilize all the resources the campuses offer including counseling services, tutoring, and academic advising.

<b>Work College Balance</b>	
<i>Work Hours</i>	<i>Credit Hour Load</i>
10 per week	14 – 16
20 per week	12 – 14
40 per week	3 – 9

<b>Weekly School Commitment</b>		
<i>Credit Load</i>	<i>Study Hours</i>	<i>Total Hours</i>
9	18	27
12	24	36
16	32	48

### Oxford Pathways Program

The Pathways program is a short-term, intensive learning program for students who have been selected to begin their studies in a structured academic setting with a dedicated Student Success Navigator who facilitates the transition to college and overall success. Students enjoy the benefits of campus life while living among other Miami students in an on-campus residence hall. Most of the first-semester core courses are taught in Oxford by Miami faculty who are based on our Regional campuses. Students benefit from a lower student-to-advisor ratio for academic advising and the first-semester tuition is at the Miami Regionals rate, not the Oxford rate. After one semester and successfully completing the Pathways program, students transition to a less structured academic program, with full access to Oxford coursework and a firm foundation for a successful Miami career. Beginning the second semester, all coursework is taught by Oxford-based faculty, and tuition switches to the Oxford-based student rate

### Change of Campus to Oxford, or taking 1-2 classes on the Oxford Campus

Regionals Students seeking a degree or courses offered on the Oxford campus may apply to take some or all of their classes on the Oxford campus when they have achieved the following requirements:

- 2.00 cumulative GPA
- Acceptable conduct record
- 16 earned credit hours of graded Miami college courses (not including credit/no credit, CLEP, AP, transfer, military, developmental 00 classes, and College Credit Plus credit).
- At least one fall or spring semester on a regional campus.

### **Considering an On-Campus Job**

You can fill some of the gaps in your daily schedule -- and your wallet -- by working on-campus. Positions are available in the library, gymnasium, onsite childcare centers, physical facilities (buildings and grounds), and various administrative and departmental offices. For more information, including available jobs and how to apply, search for "Student Employment" on the Miami University website.

### **Work+**

Work+ is a program designed to assist Miami University Regionals students in obtaining an associate or bachelor's degree while working part-time and having their tuition paid. Work+ makes it possible for a student to earn a college degree debt-free! For more information contact Ekatarina Gay at [barminev@MiamiOH.edu](mailto:barminev@MiamiOH.edu), (513) 727-3208. <https://www.miamioh.edu/regionals/admission/work-plus/index.html>

### **Campus Kids/MUM Tots**

Our on-site childcare centers are fully accredited and provide safe and nurturing environments for children of Miami regional campus students. Many regional students are also eligible to receive additional financial assistance through the State of Ohio or the U.S. Department of Education, which helps cover the cost of childcare at our centers. For more information, contact the childcare center on the campus you plan on attending. Space is limited and early registration is recommended.

Hamilton - Campus Kids at 513-785-3011 or email Krista Lambright at [crawfokr@miamioh.edu](mailto:crawfokr@miamioh.edu)

Middletown - YMCA Children's Center at 513-727-3220 or email [mumchildcare@gmvymca.org](mailto:mumchildcare@gmvymca.org)

## **Transfer Students**

While you are not new to college, you are new to Miami and will need to learn how this university differs from your previous institution. Academic advisors are here to assist you with this transition.

### **Orientation & Advising**

For the Oxford campus, transfer students have two options when it comes to attending an orientation session. There are small, one-day, transfer-specific orientation programs in May - August (for those entering in fall semester) and in December and January (for those entering in spring semester). Alternatively, new transfers can attend a one-and-a-half day orientation right before the start of each semester that includes both first-year and transfer students. These orientation sessions are coordinated by the [Office of Orientation and Transition Programs](#) and include participation from the various academic divisions.

For the Regional campus, transfer students complete an online orientation, and then are connected with an appropriate advisor for registration. For more academic advising information, contact the Office of Academic Advising at 513-727-3440 or [RegAdvising@MiamiOH.edu](mailto:RegAdvising@MiamiOH.edu).

### **Transferring Courses to Miami**

One of the most important tasks you need to complete is to determine which courses or credits from your previous institution have been transferred to Miami. See the section "Transferring College Courses to Miami" earlier in this guidebook for more information.

### **Other Types of Credit**

Miami will accept up to 32 hours of nontraditional credit, such as credit by examination and armed forces credit.

- **Armed Forces Credit:** Credit for courses taken at U.S. military services schools will be given on the basis of the Military Transfer Assurance Guides (MTAG) and the American Council on Education publication, *Guide to the Evaluation of Educational Experience in the Armed Services*. To receive transfer credit, you must submit a Joint Services transcript. Students entering the university fall 2012 or after will also be awarded for military training and experience.
- **Credit by Examination:** Credit earned by taking CLEP tests, Advanced Placement tests, International Baccalaureate (IB), or proficiency examinations administered by one of Miami's academic departments is traditional credit and does not count in the 32

semester-hour limit. Credit earned through proficiency exams at other institutions must be validated or accepted by the appropriate department at Miami. \*Note: Advanced placement credit does not transfer from one institution to another. Each time you transfer, your test scores must be sent from the College Board. To have your credit transferred to Miami, see [www.apcentral.collegeboard.com](http://www.apcentral.collegeboard.com). Request to have your test scores sent to Miami University (Ohio) - Code #1463.

## Key Terms You Should Know

**Course Equivalent:** The courses that you transferred to Miami that are determined to be the equivalent of an existing Miami course; these courses appear on your transcript with a Miami course number. If you have earned only Advanced Placement credit or college credit while attending high school or during the summer after your admission to Miami has been processed, you are not considered a transfer student.

**"T" number courses:** Courses evaluated by Miami University that do not have a Miami equivalent\* are assigned a "T" number. The "T" denotes transfer (e.g., ENG T01). These courses can be re-evaluated by the appropriate academic department by following these steps:

- Make a course syllabus or textbook available
- Make an appointment with a divisional advisor for the proper referral
- Make an appointment to see the appropriate Chief Departmental Advisor.

\*Just because courses are assigned T numbers does not mean that they cannot be applied to requirement categories.

**Quarter-Semester Conversion:** A quarter hour is two-thirds (0.6667) of a semester hour. To figure semester hours, multiply the quarter hours by 0.6667.

## Special Notes for Each Division

### College of Arts and Science (CAS)

Working with a College of Arts and Science advisor during your transitional semester will be key to your academic success. A CAS advisor helps you navigate our system and advises you on how courses taken at your previous institution might work in the Miami Plan and/or the CAS requirements. In addition to the CAS advisor you work with at your transfer session, you are also assigned a faculty advisor in the department of your major, which will be displayed on your student tab in the myMiami web portal.

If you are transferring into the **speech pathology and audiology** program, you must have earned a 3.00 cumulative GPA and a 3.00 GPA in courses required for the major before you will be admitted into SPA 300- and 400-level courses.

Some majors within the College of Arts and Science mandate having a second major (or co-major) as part of their degree.

### College of Creative Arts (CCA)

Most CCA programs begin in the fall semester. All majors except art and architecture history require a departmental application, portfolio review, or audition/interview at the time of application. Admission is on a space-available basis.

To transfer into architecture or interior design, you should have a 3.00 grade point average and a competitive portfolio. Offers of admission are based on scholastic achievement, creative potential, and space availability. Contact the department in the fall for complete information. Portfolios are due to the Department of Architecture + Interior Design by February 1. These programs can only be started in the fall semester.

To transfer into art or art education, you must have successfully completed a minimum of six credit hours of art studio courses and be enrolled in at least six additional hours of art studio when you submit a portfolio for review. For art education, you must also have completed ART 195 Introduction to Art Education and be enrolled in ART 295 Early Childhood Art Education or ART 296 Middle to Adult Art Education. Admission portfolio reviews for art and art education are conducted both fall and spring semesters.

To transfer into communication design, you must have completed (or be enrolled in) ART 102, ART 103, ART 111, ART121, and ART 151. A portfolio review by the department admissions committee is conducted each spring. Offers of admission are based on scholastic achievement, creative potential, and space availability.

To transfer into emerging technology in business and design, you must have a grade point average of at least 3.00 and complete an online application. Please visit [www.MiamiOH.edu/etbd](http://www.MiamiOH.edu/etbd) for information about the application process and requirements.

To transfer into music composition, music education, music performance, or the Bachelor of Arts in Music (performance track), you must pass an audition for a department admission committee. To transfer into the Bachelor of Arts in Music (music in culture track), you must submit a brief writing sample. To transfer into the Bachelor of Arts in Music (music technology track), you must submit a portfolio and complete an audition on any instrument. Please contact the Department of Music for additional information and specific requirements. Offers of admission

are based on scholastic achievement, performance achievement, and space availability.

To transfer into theatre, you must meet with the chief departmental advisor or department chair and successfully complete an audition/interview. Offers of admission are based on scholastic achievement, creative ability, and space availability.

Transfer credits in all creative arts disciplines must be reviewed by a departmental advisor to determine how they fit into the Miami program. Transfer admission into any CCA major often means additional semesters in an undergraduate degree program. Most studio classes are sequential and cannot be taken in the same semester.

### ***College of Education, Health and Society***

Transfer students are expected to meet all admission requirements for the chosen major.

All early childhood and middle childhood students may declare themselves as pre-majors and then apply to the program for consideration as full majors. Please contact the Department of Teacher Education, 401 McGuffey Hall, for more information.

Inclusive special education students may declare themselves as pre-majors and then apply to the program for consideration as full majors. Please contact the Department of Educational Psychology, 201 McGuffey Hall, for more information.

For all other programs, consult the department in which your desired major is located.

### ***College of Engineering and Computing***

If you are transferring from an accredited program at a two- or four-year college, most general education courses (college level chemistry, physics, calculus) will be transferable as Miami credit. Engineering and computing courses must be evaluated by each department to determine applicability to a specific bachelor's degree major. Please consult the department in which your desired major is located for more information.

### ***College of Liberal Arts and Applied Science***

If you are transferring from an accredited program at a two- or four-year college, most general education courses are transferable as Miami credit. Admission to the Miami University Nursing program is selective and competitive and requires an additional program application. Please consult the department in which your desired major is located for more information.

### ***Farmer School of Business***

To be admitted to the Farmer School of Business as a transfer student from another university, a student must have earned 30 graded hours. Students must also have an overall GPA of 3.50 or higher in graded credit hours earned, which must include MTH 141 or MTH 151 and ECO 201 equivalents. Questions can be directed to the FSB Student Services Office at (513) 529-1712.

### ***Exploring (University Studies) Students***

If you enter the university either not having selected a major or not being admitted to a major (e.g. business, nursing, etc.), you will be a part of the University Studies program in the Office of Exploratory Studies. The aim of this program is to introduce you to the broadest range of academic areas available at the university. Your Student Success Navigator will help you determine what path is right for you and, ultimately, facilitate your declaration of a major. The program includes one-on-one advising meetings with a Student Success Navigator, an assigned career advisor, and special programs that will facilitate your development of a strong academic plan as you explore majors and potential careers.

#### **Things to Keep in Mind**

Keep these things in mind when considering different majors:

- Consult your Student Success Navigator each semester; begin visiting the Center for Career Exploration and Success early in your academic career; and talk to individuals in your fields of interest.
- Don't force the decision; if you are not sure, speak with your Student Success Navigator about your options and how to gauge your strengths and interests.
- You can, of course, choose a major based on your career goals; remember, many fields welcome broadly educated people.
- Be open to changing your mind; keep your options open early in your college career so you can choose as freely as possible.
- It's okay to be unsure of your major; however, we encourage you to take an early and active role in the academic exploration process.

## FAQs

### **How do I know what classes I need to register for?**

You should speak with your academic advisor or Student Success Navigator to identify classes that are appropriate for your interests and academic program. You can also find out the specific requirements of your major by logging into Banner Web and viewing your Degree Audit. Your Degree Audit will list all possible courses required in your declared major.

### **Where do I find out what courses are offered?**

The most up-to-date course information is online at [www.mymiami.MiamiOH.edu](http://www.mymiami.MiamiOH.edu). You can find the course list in two locations: as a link on the main myMiami page or under the Student Services tab in the registration system. You can search for courses using any of the following parameters: campus, subject, course number, title, attribute, part of term (full semester or sprint course), start time, end time, day, and/or instructor. A course list is also available at: [MiamiOH.edu/courselist](http://MiamiOH.edu/courselist).

### **How many hours should I take?**

To be considered a full-time student, you must register for at least 12 hours. The maximum load without special permission is 20 hours. Oxford students are limited to 17 credits initially (18 if majoring in the College of Engineering and Computing), but may add more credits (up to 20) before the semester begins. You may register for more than 17 credit hours during your initial registration if adding a music ensemble with permission from the department or division. Most students take between 15 and 18 hours each semester.

### **How much time should I expect to spend studying?**

One of the biggest transitions to college-level work is the increased amount of study time needed to be successful. Too often, students underestimate this. Although it varies for each student, generally you will want to set aside two to three (2-3) hours of study time for each hour of class time.

### **How do I sign up (register) for courses?**

For your first semester, advisors and navigators at orientation will lead you through the process of registering through BannerWeb. Domestic students attend orientation in the summer and register at orientation with the help of your advisor. In subsequent semesters, you should meet with your academic advisor or Student Success Navigator and register for your courses through BannerWeb.

### **When do I register for classes?**

After orientation, students register for classes according to their "time ticket." To find your time ticket and check for any holds on your student account that might impede your ability to register for classes , log into BannerWeb. Please visit the One Stop for more information.

### **Can I be scheduled for two classes at the same time?**

The computer system does not permit time conflicts during the online registration process.

### **What should I do if I'm closed out of a course?**

You can do one of three things: 1) Check the online open course list on BannerWeb to see if there is another open section, or if the course has opened and, if it has, try to add it; 2) Try to force-add into a course that is closed. A force-add requires the approval of the instructor and department chair or their designee. Some divisions have specific force-add procedures, and some departments/courses utilize either Banner waitlisting or the Registration Override Request system. Contact the department to determine the process they use. 3) Plan to take the course another semester and choose a different course for the current term.

### **How do I get my high school "AP" credits to count at Miami?**

You must have your official test scores, from College Board, sent to Miami University. A notification will be sent to your Miami email account with instructions on how to check what credit has been awarded. Please compare your course schedule and the AP course credit you have been awarded. If you have scheduled a course in the fall for which you have received AP credit, you may need to adjust your schedule.

### **What is a pre-major?**

Some programs have special admission requirements such as a minimum grade point average or completion of prerequisite courses. In these areas you begin as a pre-major; when you meet those requirements, you become a full major.

### **How many hours of physical activity courses can I take?**

Miami has no physical education requirement. No more than 10 credit hours of Physical Activity Life Skills (PALS) courses (those numbered

SLM 110-170) can be counted toward graduation.

## **How can I sign up for any music ensemble or choir?**

All choral and instrumental groups are open to all students by audition. Generally speaking, you register for these groups when you register for classes, then complete an audition in the fall. Check the music department website for more information about auditions. Sign-up information for many ensemble auditions is provided during Welcome Week. You may register for more than 17 credit hours during your initial registration if adding a music ensemble. To join the marching band, you must attend band camp, held the week before school begins in August.

## **Can I use one course to satisfy more than one requirement (such as MP Foundation and CAS)?**

Yes. Requirements of the Global Miami Plan, your division, and your major often overlap. One course may fulfill several requirements. While one course cannot fulfill two Global Miami Plan requirements, one course can fulfill a Miami Plan requirement and a requirement for your major.

## **Do all classes offered during the semester last the full 14 weeks?**

Most courses are full 14-week courses with an additional week for final examinations. Miami University also offers sprint or accelerated courses that meet for less than the full 14-week semester.

## **What is a sprint course, and how do I find them?**

Any course that does not meet the entire semester is called a "sprint course." You can search for sprint courses through BannerWeb by part of term.

## **What is Miami's grading system?**

Miami University utilizes the following grading system on a 4.00 scale:

Grade	Descriptor	Quality Points	Used in GPA
A+	Excellent	4.00	Yes
A		4.00	Yes
A-		3.70	Yes
B+	Good	3.30	Yes
B		3.00	Yes
B-		2.70	Yes
C+	Satisfactory	2.30	Yes
C		2.00	Yes
C-		1.70	Yes
D+	Poor	1.30	Yes
D		1.00	Yes
D-		0.70	Yes
F	Failed	0.00	Yes

## **How is my grade point average calculated?**

Add the hours you have attempted for a grade in the semester. Then figure the point value of your grades by multiplying the point value of the

grade by the number of hours in the course. Divide the number of points by the number of hours; this is your GPA.

Course	GPA Hours	Grade	Grade Value	Points
ENG 111	3	x	C (2.00)	= 6.0
PSY 111	4	x	B (3.00)	= 12.0
SPN 101	4	x	B (3.00)	= 12.0
BIO 115	4	x	B+ (3.30)	= 13.2
EDT 110R	<u>2</u>	x	A (4.00)	= <u>8.0</u>
<b>TOTAL</b>	<b>17</b>			<b>51.2</b>

51.2 divided by 17 = **3.01 GPA** (Miami University policy is to truncate all GPA's)

To figure your cumulative GPA, divide total points for all terms by the total number of credit hours you attempted for a grade. Grade point averages are truncated to the second decimal place.

## Are there other types of grades I might receive?

Yes, there are other letters you could receive, such as: IU or IUY for Incomplete, L for courses audited, P for passing, W for withdrawal. The grades of "ADF" and "ADY" denote a sanction of failure or no credit for the course due to a finding of Academic Dishonesty. Some courses may be taken on a credit/no-credit basis. Credit earned in these courses will be indicated using grades of "CR1" or "CR2", while a grade of "NCR" is used to indicate that no credit was earned. Courses taken on a credit/no-credit basis do not factor into your GPA. See the *General Bulletin* for more information.

## How can I receive tutoring or study skills information?

The Rinella Learning Center in 306 Shriver Center provides a variety of courses, workshops, and services, from tutoring and coaching to academic counseling. Students can request a tutor by registering online at: [MiamiOH.edu/student-life/rinella-learning-center/](http://MiamiOH.edu/student-life/rinella-learning-center/) or by calling 513-529-8741. Writing assistance is available at the Howe Writing Center in King Library.

## Regional Campus students may contact the Tutoring and Learning Center in Middletown, 2 Johnston Hall, or Hamilton, 102 Rentschler Hall, for free individual and/or small group tutoring.

## Are instructors available outside the classroom?

Faculty are available and want to talk with you about your academic goals, concerns, and ideas. Scheduled office hours are posted outside faculty office doors; if those times are not convenient, you can make an appointment.

## What if I have to miss a class?

You are responsible for any course material or work missed due to the absence. You should contact your instructor as soon as possible before the absence. Rather than expecting the faculty member to go over the missed class, you should confer with a student in the class or consult the Canvas course site. If your absence is due to a death in your immediate family or hospitalization, notify the Office of the Dean of Students at 513-529-1877.

## Where can I go for assistance if I have a learning or other type of disability?

Student Disability Services (SDS) coordinates accommodations, auxiliary aids and support services to ensure access to education and campus life for students with disabilities. Access planning is available for students with, but not limited to, learning, psychological, medical, physical, attention, and autism spectrum disabilities. Students are encouraged to engage with SDS to receive accommodations. Connecting with SDS starts with student self disclosure. Contact SDS on your campus or visit [MiamiOH.edu/SDS](http://MiamiOH.edu/SDS) to learn more.

304 Shriver Center, 513-529-1541, sds@MiamiOH.edu

#### Regional Campuses

Hamilton: 120 Rentschler Hall, 513-785-3211, muhods@MiamiOH.edu

Middletown: 14 Johnston Hall, 513-727-3431, mumdc@MiamiOH.edu

Ohio Relay services are available via 7-1-1 for communication access.

### **How do I declare or change my major?**

Visit the department/degree program you want to enter. The departmental or divisional offices have the ability to change majors. Generally, major changes in the College of Creative Arts require more than a departmental approval.

### **If I enroll at the Oxford campus, can I take a course on one of the regional campuses?**

Yes. Open courses offered on all campuses are available online through BannerWeb. Some campus restrictions apply. Be sure to choose the correct campus when you add a course.

### **Can I get a teaching license without getting an education degree?**

No. To earn a teaching license, you must complete a licensure degree program and you must be admitted to a B.S. in Education degree program. However, this may be one of two or more majors you complete simultaneously; e.g., B.S. in Education in mathematics and a B.S. or A.B. in mathematics. The licensure degree programs in art and music are in those departments in the College of Creative Arts.

## **Key Offices**

### **Oxford Campus**

Advising Offices (Divisional)	College of Arts and Science 146 Upham Hall 513-529-3031; CASadvising@MiamiOH.Edu	International Student Services	International Student & Scholar Services, 214 MacMillan Hall, 513-529-8600 MiamiOH.edu/international
	College of Creative Arts 103 Center for Performing Arts 513-529-2209	Community Standards	Office of Community Standards 9 Warfield Hall, 513-529-1417
	College of Education, Health and Society 202 McGuffey Hall 513-529-6317		
	College of Engineering and Computing 106 Benton Hall 513-529-0700	Living Learning Communities	Office of Residence Life 211 Warfield Hall 513-529-4000
	Farmer School of Business 1022 Farmer School of Business 513-529-1712	Lost and Found	University Police Police Services Center 513-529-2222
Athletics	Tickets, Millett Hall, 513-529-3924 Sports Information, Millett Hall, 513-529-4327 Intramural sports hotline, 513-529-2350 Recreational Sports Center, 513-529-6868	Meal Plans	Campus Services Center 513-529-5000
Automobile, bicycle, parking regulations	Parking Services, 034513-529-8535	One Stop	Nellie Craig Walker Hall 513-529-0001 MiamiOH.edu/onestop

Bills	One Stop, Nellie Craig Walker Hall North Entrance, 513-529-0001 MiamiOH.edu/onestop	Organizations & Activities	Student Activities 2026 Armstrong Student Center www.MiamiOH.edu/hub
Career planning and information	Center for Career Exploration and Success; Armstrong Student Center; 513-529-3831; MiamiOH.edu/careers	Police, University	Police Services Center 513-529-2222
Commuter Resource Center	2045 Armstrong Student Center 513-529-2071 MiamiOH.edu/commuter	Post Office Services	Campus Mail Room, 113 Shriver Center 513-529-3029 US Post Office, 5145 Brown Road, 513-523-2455
Computers	Support Desk, 317 Hughes Hall, 513-529-7900 Bookstore, Shriver Center (for computer purchases), 513-529-2600	Recreational Sports	Recreational Sports Center, 513-529-6868 Phillips Racquetball, 513-529-2501 Schedule Hotline, 513-529-6400
Dean of Students	Warfield Hall 110 513-529-1877	Sororities	Cliff Alexander Office of Fraternity and Sorority Life 513-529-1462 2026 Armstrong Student Center fsll@MiamiOH.edu
Disability Services	Miller Center for Student Disability Services 304 Shriver Center, 513-529-1541 MiamiOH.edu/SDS	Student-Athletes	Gross Center Academic Coordinator, 513-529-7294
Discrimination	Equity & Equal Opportunity Hanna House 513-529-7157	Study Abroad	Study Abroad Office 214 MacMillan Hall 513-529-8600 StudyAbroad.MiamiOH.edu
Drug Information	Health Services Center, 513-529-3438 Community Counseling & Crisis Center (24-hour), 110 S. College Avenue, 513-523-4146 Emergencies, University Police, 911	Study Skills	Rinella Learning Center 306 Shriver Center 513-529-8741
Employment	Part-Time, Summer, Human Resources, 15 Roudebush Hall; 513-529-3131 www.MiamiOH.edu/studentemployment Permanent: Center for Career Exploration & Success 45 Armstrong Center; 513-529-3831	Teacher Licensure	College of Education, Health & Society Dean's Office, 202 McGuffey Hall, 513-529-6317
Examinations, Finals Schedule	One Stop, Nellie Craig Walker Hall 513-529-0001 MiamiOH.edu/onestop	Telephone Information	Telecommunications, 317 Hughes Hall, 513-529-3511 Directory services from off-campus phone, 513-529-1809
Fees, payment and refund	One Stop, Nellie Craig Walker Hall 513-529-0001 MiamiOH.edu/onestop	Transcript Ordering	One Stop, Nellie Craig Walker Hall, 513-529-0001 MiamiOH.edu/onestop
Financial Aid	One Stop, Nellie Craig Walker Hall, 513-529-0001 MiamiOH.edu/onestop	Transfer Credit Evaluation	One Stop, Nellie Craig Walker Hall 513-529-0001 www.transferology.com
Fraternities	Cliff Alexander Office of Fraternity and Sorority Life 513-529-1462 2026 Armstrong Student Center fsll@MiamiOH.edu	Tutoring	Rinella Learning Center 306 Shriver Center 513-529-8741

Health, Insurance	Health Services Center 500 Harris Drive 513-529-3000	Veterans Affairs & Military Families	One Stop, Student Success Center, Nellie Craig Walker Hall, 513-529-0001 MiamiOH.edu/onestop
Honors College	Honors College 13 Peabody Hall 513-529-3399	Volunteering and Community Leadership Opportunities	The Wilks Institute for Leadership and Service 2018 Armstrong Student Center 513-529-0830 MiamiOH.edu/volunteer
Housing Options & Meal Plans	Residence hall assignment, hall and roommate requests, room deposit and refund; Campus Services Center, 034 Nellie Craig Walker Hall, 513-529-5000	Withdrawal from University	One Stop, Nellie Craig Walker Hall 513-529-0001 MiamiOH.edu/onestop
Ice Skating	Goggin Ice Center 610 S. Oak St. 513-529-9800	Women's Center	127 McGuffey Hall 513-529-1510
ID Cards	HOME office 034 Nellie Craig Walker Hall 513-529-5000	Work-Study	One Stop, Nellie Craig Walker Hall 513-529-0001
Information	Campus Operator, 00 Shriver Center Info Desk, 513-529-4031		

## Regional Campuses

Aspire (Adult Basic & Literacy Education)	205 Phelps Hall (H) 513-785-1811	English Language Learners & English Language Center	103 Rentschler Hall (H), 513-785-3086 204 Levey Hall (M), 513-217-4182
Academic Advising	200 Floor Rentschler Hall (H), 001 Johnston Hall (M) RegAdvising@MiamiOH.edu 513-727-3440	Financial Aid, Bursar, and Registration Services - One Stop for Student Services	One Stop for Student Services 102 Mosler Hall (H) 114 Johnston Hall (M) RegOneStop@MiamiOH.edu 513-217-4111
Admission	100 Wilks Conference Center (H), 513-785-3111 114 Johnston Hall (M), 513-727-3216 MURAdmission@MiamiOH.edu	Regional Honors	Dr. John Cinnamon, Regional Honors Director, cinnamjm@miamioh.edu
Athletic Office	102 Gymnasium (H), 513-785-3120 112 Johnston Hall (M), 513-727-3313	Library	200 Schwarm Hall (H), 513-785-3235 Gardner-Harvey Library (M), 513-727-3222
Bookstore	<a href="https://campusstore.miamioh.edu/">https://campusstore.miamioh.edu/</a>	Regional Dean of Students	202 Mosler Hall (H) 135 Johnston Hall (M) 513-785-3211
Business Services Office	One Stop for Student Services 102 Mosler Hall (H) 114 Johnston Hall (M) RegOneStop@MiamiOH.edu 513-217-4111	Security	110 Mosler Hall (H), 513-785-3222 26 Johnston Hall (M), 513-727-3333

Campus Dean	202 Mosler Hall (H), 513-785-3200 135 Johnston Hall (M), 513-727-3211		Student Activities & Orientation  120 Schwarm Hall (H) 130 Johnston Hall (M) 513-785-3204 ROSA@MiamiOH.edu
Career Services & Professional Development	120 Rentschler Hall (H) 105 Johnston Hall (M) 513-727-3390	Student Government	Information available on the HUB
Center for Social Impact	1105 Mosler Hall (H), 513-785-3005 100 Johnston Hall (M), 513-785-3005	Technology Services Helpdesk	304 Mosler Hall (H) 1 Gardner-Harvey Library (M) 513-217-4000 <a href="mailto:regit@miamioh.edu">regit@miamioh.edu</a>
Child Care	100 Schwarm Hall (H), 513-785-3011 Verity Lodge (M), 513-727-3220	TRIO Student Support Services	104 Rentschler Hall (H) 108 Johnston Hall (M) 513-785-1839 <a href="mailto:triosss@miamiOH.edu">triosss@miamiOH.edu</a>
Conservatory	The Conservatory (H), 513-785-3086	Tutoring and Learning Center	102 Rentschler Hall (H) 1 Johnston Hall (M) 513-785-3139 <a href="mailto:RegTLC@miamiOH.edu">RegTLC@miamiOH.edu</a>
Counseling Services	130 Rentschler Hall (H), 513-785-3211 14 Johnston Hall (M), 513-727-3431	Veterans Center	003 Gardner-Harvey Library (M) 108 Mosler Hall (H) 513-785-7733 <a href="mailto:MURVeterans@miamiOH.edu">MURVeterans@miamiOH.edu</a>
Disability Services	120 Rentschler Hall (H), 513-785-3211 14 Johnston Hall (M), 513-727-3431	Voice of America Learning Center	7847 W VOA Park Dr, West Chester Township, OH 45069 513-895-8862
Diversity and Multicultural Services Center	114 Rentschler Hall (H) 513-785-3024 100 Johnston Hall (M) 513-785-3023	Volunteering and Community Leadership Opportunities	Center for Social Impact 1105 Mosler Hall (H), 513-785-3005 100 Johnston Hall (M), 513-785-3005
E-Campus	316 Mosler Hall (H) 101 Thesken Hall (M) 513-217-4003	Work +	(513) 727-3208 <a href="mailto:barminev@miamiOH.edu">barminev@miamiOH.edu</a>

## Building Abbreviations

### Oxford Campus

ALU	Alumni Hall
AMU	Art Museum
ART	Art Building
ASC	Armstrong Student Center
BAC	Bachelor Hall
BEN	Benton Hall
BOY	Boyd Hall
CAB	Nellie Craig Walker Hall
CPA	Center for Performing Arts

CUL	Culler Hall
EGB	Engineering Building
FSB	Farmer School of Business
GAR	Garland Hall
GGB	Gloss Center
HAL	Hall Auditorium
HAN	Hanna House
HIS	Hiestand Hall
HRN	Harrison Hall
HUG	Hughes Laboratories
HYT	Hoyt Hall
IRV	Irvin Hall
JOY	Joyner House
KNG	King Library
KRG	Kreger Hall
LWS	Laws Hall
MCG	McGuffey Hall
MMH	MacMillan Hall
OMN	Old Manse
PAT	Patterson Place
PBD	Peabody Hall
PHI	Phillips Hall
PRS	Presser Hall
PSN	Pearson Hall
PSY	Psychology Building
RDB	Roudebush Hall
RSC	Recreational Sports Center
SAW	Sawyer Hall
SDC	Student Athlete Development Center
SHC	Shriver Center
SHD	Shideler Hall
UPH	Upham Hall
WAR	Warfield Hall
WIH	Williams Hall
YWS	Yager Stadium - West

YES      Yager Stadium - East

## ***Regional Campuses***

### ***Hamilton (H)***

GYM	Gymnasium
MOS	Mosler Hall
NTH	North Hall
PHE	Phelps Hall
REN	Rentschler Hall
SCH	Schwarm Hall
UHH	University Hall
WCC	Wilks Conference Center

### ***Middletown (M)***

BRC	Bennett Recreation Center (GYM)
FNK	Finkelman Auditorium
GRD	Gardner-Harvey Library
GTR	Greentree Health Science Academy (G)
JHN	Johnston Hall
LVH	Levey Hall
THH	Thesken Hall

### ***West Chester (VOA)***

VOA	Voice of America Learning Center (V)
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## **Glossary**

**Academic Action:** Academic actions are defined as academic warning, removal of academic warning, academic probation, removal of academic probation, academic suspension, and academic dismissal. Academic actions are taken at the end of each fall and spring semester and at the end of the summer and winter term. Any student with a cumulative GPA of less than 2.00 is subject to academic action, regardless of the number of hours taken in any semester or summer term.

**Admission Prerequisite:** Deficiency in high school unit(s) that did not deny you admission but requires you to complete additional courses after you enroll. These courses will count toward graduation, and many of them can fulfill other requirements. They are regular college courses, not remedial courses. You are expected to complete this work within your first 64 semester hours at Miami.

**Associate's Degree:** A two-year degree, generally offered only on the regional campuses.

**Audit:** When you audit a course, you attend the class, but do not receive credit. A grade of L will appear on the academic transcript and is not included in the GPA. The instructor may require you to take the exams and participate in class discussion. Not all courses can be audited; you need the instructor's written permission. Consult the [academic calendar](#) for specific dates and times.

**August orientation:** If you are a domestic student and you are not able to attend a fall semester orientation session in June, you can sign up for classes during August orientation, held a few days before the new term begins. International students attend orientation in August.

**Bachelor's Degree:** A four-year degree. The basic requirements include: (1) at least 124 semester hours, at least 32 of which must be from

Miami; (2) at least a 2.00 cumulative grade point average; (3) fulfillment of the Global Miami Plan; (4) fulfillment of divisional and major requirements.

**BannerWeb:** Your online source for course registration, Change of Schedule, financial aid information, account status, grades, and degree audits. Accessible at [www.mymiami.MiamiOH.edu](http://www.mymiami.MiamiOH.edu), your online portal.

**Cancellation:** Your course registration may be canceled if you do not pay all your fees by the due date. If this occurs, you will need to clear all fees, including late fees, then re-register for classes.

**Canvas:** An online collaborative learning environment utilized by instructors to deliver course content (syllabi, documents, video clips, audio, images, etc.) to students, post grades, hold online discussions, give quizzes, conduct surveys, post announcements, create student group areas, and more. The Canvas web portal can be accessed via myMiami.

**CAS-A, B, C, etc.:** These abbreviations, used in course descriptions, indicate that a course fulfills part of the College of Arts and Science divisional requirement (CAS).

**Change of Schedule (or Drop/Add):** Dates and times when you can make changes in your term courses. Consult the [academic calendar](#) for specific dates and times.

**Class Standing:** Freshmen have earned 0-29 semester hours; sophomores have earned 30-63 semester hours; juniors have earned 64-95 semester hours; seniors have earned 96 or more semester hours.

**Co-major:** Designed to provide a complementary perspective to a student's primary major.

**Concentration:** Set of course requirements within select majors which provide in-depth knowledge in a particular area of the major and is recognized on the student's transcript.

**Co-requisite:** A course that must be taken at the same time as another course because of linked content.

**Course Level:** (See also Course Number) 100-level courses are generally introductory; 200-level more advanced; 300- and 400-levels for juniors and seniors; 500 and above for graduate students.

**Course List:** An online listing of the classes offered each semester. It contains the lists of courses as well as sections, times, instructors, and course codes. Up-to-date course information regarding registration topics is available through myMiami at [www.mymiami.MiamiOH.edu](http://www.mymiami.MiamiOH.edu) or on the One Stop website.

**Course Number:** The department abbreviation (three letters) and three-digit number used to identify a course; e.g., ENG 111.

**Credit Hour:** See Semester Hour.

**Credit/No-Credit:** Credit/no-credit courses are not calculated in your GPA and are not recorded using standard letter grades. See the General Bulletin for more information (<https://miamioh.edu/academics/bulletin/>).

**CRN:** Course Reference Number. A five-digit number in the left-hand column just before the course number. Each section of a course has its own unique CRN.

**Degree Audit:** A report of your completed course work and current registration matched with the degree requirements of your declared major. It also identifies deficiencies and lists courses that will satisfy specific requirements. Degree audits are available online through BannerWeb. You should print a copy to review with your academic advisor prior to registering each semester.

**Division:** An academic unit of the university with its own requirements. Miami has seven divisions: the College of Arts and Science, the College of Creative Arts, the College of Education, Health and Society, the College of Engineering and Computing, the College of Liberal Arts & Applied Science, the Farmer School of Business, and the Graduate School.

**Global Miami Plan:** Miami's liberal education requirement for all undergraduate students.

**Incomplete:** Unfinished course work indicated by a grade of IU, IG, IUY, or IGY. Incomplete grades convert to failing grades after a designated time period (see *Student Handbook*).

**LAB:** Course fulfills laboratory requirement for Global Miami Plan.

**Late Start Classes:** Like sprint or accelerated courses, late start classes meet for less than the full 14-week term.

**Lec. Lab:** Lecture and laboratory abbreviations used in course descriptions to indicate how many credit hours are earned in each (for example, 3 Lec. 1 Lab.).

**Major:** Curriculum component that enables students to make an in-depth inquiry into a discipline or a professional field of study. A major must comprise a minimum of 30 semester hours in a particular discipline.

**Minor:** A designated sequence of courses in a discipline or area of undergraduate study. Like the major, it is expected to have coherence and increasing sophistication. A minor is typically 18 (minimum) to 24 credit hours, or approximately half of the major. The minor is independent of the student's major and students may not declare a major and a minor in the same discipline. Completion of the minor satisfies the Global

Miami Plan thematic sequence requirement as long as nine hours of the minor are outside the department of the student's major and six of those nine hours are at the 200 level or higher. Students must formally declare a minor, similar to the process by which they declare the major. Minors are designated on University transcripts.

**MPC:** Abbreviation used in course descriptions to indicate the course fulfills the Global Miami Plan Senior Capstone requirement.

**MPF:** Abbreviation used in course descriptions to indicate the course fulfills a part of the Global Miami Plan Foundation requirement. Additional abbreviations to MPF (e.g., MPF IIA, IIIB) indicate which foundation area(s) it fulfills.

**MPT:** Abbreviation used in course descriptions to indicate the course fulfills a part of the Global Miami Plan Thematic Sequence requirement.

**MUNet Password:** Required in conjunction with MUNet Unique ID to log onto many university online services. Your default password is the month and day of your birth and the last four digits of your Social Security number, in the format MMDDNNNN. Example: a birth date of March 4 with a Social Security number of 123456789 would result in a password of 03046789. The first time you log on, you will be required to change your password.

**MUNet UniqueID:** The unique identifier that has been assigned to you, consisting of part of your last name and first initial, and occasionally a number. This identifier is used to sign onto most university technology services.

**myMiami:** Miami's internal portal to the Internet. Log onto this site at [www.mymiami.MiamiOH.edu](http://www.mymiami.MiamiOH.edu) and find direct links to Miami resources.

**Nontraditional Credit:** College credit given for a non-academic learning experience, such as knowledge acquired from a job or independent study. For information, contact the University Registrar's Office.

**One Stop:** Virtual and in-person service center (100 CAB) that assists in the areas of registration, enrollment, financial aid, student records, billing, and payment.

**Open Course:** One that can accommodate more students. The class schedule on BannerWeb displays current enrollment information and open courses.

**Placement Exams:** Offered in foreign languages and mathematics to help you enroll in an appropriate course for your skill level. The math exams are strongly recommended; the foreign language test is required if you have studied a language in high school and intend to continue in that language at Miami. No credit is awarded for these exams.

**Prerequisite:** A course that must be completed before enrolling in a more advanced course. This is indicated in a course description in the Courses of Instruction section of the ***General Bulletin***.

**Proficiency Exams:** Tests used to obtain credit in subjects for which you have adequate preparation. Each department administers its own test, and the credit earned can apply toward graduation. You must pass the test with a C or better to earn credit. You are charged for the tests according to credit hours earned.

**Section:** One class of a course. Courses with large enrollments are divided into sections, which are identified by letters (for example, ART 171 A, ART 171 B).

**Semester Hour (or Credit Hour):** Unit used to measure course work. The number of semester hours is usually based on the number of hours per week the class meets; for example, a three-hour course typically meets three times a week for 55 minutes each time or two times a week for 80 minutes each time. One credit hour is usually assigned for every two or three hours in lab and studio courses.

**Sprint Course (or Accelerated Course):** A course that meets for less than the full 14-week term. You can take more than one sprint course each semester, but you must sign up for them. You can search for open sprint courses through BannerWeb by part of the term.

**Thematic Sequence:** A series of related courses that move in depth systematically and focus on a theme or subject. As part of the Miami Plan, all students must complete at least one Thematic Sequence outside the department of major.

**Time Conflicts:** Registration/Change of schedule checks for time conflicts and will not permit you to add courses that meet at overlapping times.

**Transferology:** The nation-wide network at [transferology.com](http://transferology.com) provides quick answers on how college credits and other learning experiences (e.g., coursework, exams, and/or military learning experiences) transfer to higher education institutions within the network.

**Transcript:** An official copy of your academic record.

**Unique ID:** Every student, faculty, and staff member is issued a Unique ID to identify them in the processing of university information. It generally consists of the first six letters of the last name followed by the first letter of the first name and middle initial. Some Unique IDs end in a number rather than a middle initial because common last names and initials mean that a particular Unique ID is already in use. The Unique ID is not case sensitive. Both your Unique ID and MUNet password are required to login to Miami's web portal, myMiami.

**Withdrawal:** Students wishing to drop all of their courses can do so during Registration/Change of Schedule through BannerWeb. After classes begin, students must withdraw officially from the University by filing a withdrawal form (available on the One Stop website) with the Student Success Center. The date on which you officially withdraw determines your refund. Failure to officially withdraw can result in the assignment of a grade of F and full assessment of tuition and fees. To re-enroll at Miami, you must apply ([www.MiamiOH.edu/reenroll](http://www.MiamiOH.edu/reenroll)) by the published

deadline for the term in which you wish to return.