

WELCOME TO
MIAMI
UNIVERSITY



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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 summer orientation and 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,

Phyllis Callahan

Provost and Executive Vice President for Academic Affairs



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. It 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. It values teaching and intense engagement of faculty with students through its 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 by the creation of new knowledge and art. The University supports students in a highly involving 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 it 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.

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, related activities, and employment. Retaliation against an individual who has raised claims of illegal discrimination or cooperated with an investigation of such claims is prohibited.



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.”

Students should bring questions or concerns to the attention of the Office of Equity and Equal Opportunity, Hanna House, 513- 529-7157 (V/TTY) and 529-7158 (fax). Students with disabilities may contact the Office of Disability Resources, 304 Shriver Center, 529-1541 (V/TTY) and 529-8595 (fax).

Title IX Coordinator: Title IX of the Education Amendments of 1972 is a federal law prohibiting discrimination on the basis of sex in higher education. Sex discrimination includes sexual harassment and sexual violence. The University's Title IX Coordinator is Ms. Kenya D. 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.

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 interest 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.

Deputy Title IX Coordinator for Students: Ms. Rebecca A. Getson, Sexual Assault Response Coordinator, is the Deputy Title IX Coordinator for matters related to sexual violence. This includes sexual misconduct, sexual violence, and sexual coercion of students. Ms. Getson also serves as the coordinator for matters relating to student domestic violence, dating violence, and stalking. Ms. Getson may be reached at Student Health Services, 104 Health Services Center, Oxford, Ohio 45056, 513-529-1870 (V/TTY) or getsonra@MiamiOH.edu.



Deputy Title IX Coordinator for Regional Students : Dr. Bennyce Hamilton, Regional Director of Diversity and Multicultural Services, 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.

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.

For more information, see the Policy Prohibiting Harassment and Discrimination and the Title IX Protocol.

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 the whole 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 and then choose a major, you will be assigned an advisor in your new department.

WHAT ADVISORS CAN DO	<p>Help students to:</p> <ul style="list-style-type: none">• Know their requirements for graduation and use advising tools to proactively manage timely degree completion• Craft a coherent educational plan based on an understanding of their abilities, aspirations, interests, and values, leading to realistic academic and professional goals• Understand how/where to find answers to questions• 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.
WHAT ADVISORS CAN'T DO	<ul style="list-style-type: none">• Ensure that students can get into every course exactly when they want to take it (that is, "force add" you into particular classes)• Change university policy or alter academic requirements• Know what students need unless the student communicates the need• Force students to meet with them or to read advising-related communications• Guarantee that the student will succeed in every class

YOUR ACADEMIC ADVISOR IS YOUR BEST RESOURCE TO HELP YOU PLAN YOUR ACADEMIC SCHEDULE, TO OFFER GUIDANCE ON ACADEMIC SUCCESS, AND TO 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. Your advisor and contact information will be listed 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 with a list of questions that you have.



ORIENTATION ADVISING: INCOMING CREDIT WORKSHEET

Please complete the following worksheet prior to attending your Summer 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 though you may not yet know your score.

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

Course Title <i>(e.g., Composition & Rhetoric)</i>	Course Number <i>(e.g., ENGL11)</i>	College/University Issuing Credit <i>(e.g., Miami University)</i>
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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 <i>(e.g., IB)</i>	Subject Area <i>(e.g., History of the Americas)</i>	Score (if known) <i>(e.g., Unknown)</i>
-------------------------------------	--	--

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

FIRST SEMESTER ADVISING SESSION WORKSHEET

Name: _____

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 are you 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 you should 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:

What has been the most rewarding aspect of college so far?

What has been the biggest challenge of college so far?

Approximately how much time are you studying each week?

What are some of the short-term goals you have (for this and next semester)? List at least three.

What are some long-term goals you have (goals to accomplish before you graduate or after you graduate)?

Which people or what resources/offices can help you achieve some of your long- and short-term goals?

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.

What questions do you have for your academic advisor?

Once you have completed this worksheet, print out a copy of it and print out 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 Chief Departmental Advisor (CDA) oversees advising within her/his department. You may contact the CDA by calling the departmental office of your primary major.
2. The advising office in the academic division of the department of your major:
 - » **College of Arts & Science** [146 Upham Hall]
 - » **College of Creative Arts** [103 Center for Performing Arts]
 - » **College of Education, Health, and Society** [202 McGuffey Hall]
 - » **College of Engineering & Computing** [106 Benton Hall]
 - » **Farmer School of Business** [1022 Farmer School of Business]
 - » **Regional Campuses and College of Liberal Arts and Applied Science**
[Hamilton: Second Floor, Rentschler Hall; Middletown: 1 Johnston Hall]



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 Staff	Old Manse	Provide information and advising on honors requirements as well as programming relevant to high-ability students, including advisement for prestigious fellowships
Resident Assistants and Hall 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 support programs; oversee support for students with disabilities
Student-Athlete Support Staff	104 Gross Student Athletic Center	Provide support to student-athletes, including additional study skills, mentoring, and workshops
Student Counseling Staff	195 Health Services Center	Provide mental health counseling on an as-needed basis
Student Success Center Staff	112 Campus Avenue Building	The Student Success Center (SSC) helps all Miami students connect to resources on campus and resolve complex college issues. Whether a student is just starting their college journey or they are about to graduate, they are there to help each step of the way.



REGIONAL CAMPUSES

Renovations are in progress. Be aware that some office locations may change.

Office of Career Services and Professional Development	120 Rentschler (Hamilton) 101 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-career opportunities through career fairs, on-campus interviews, and job postings on Handshake.
Offices of Advising	2 nd floor Rentschler (Hamilton) & 1 Johnston Hall (Middletown)	Advising houses professional academic advisors who are available by appointment and, at certain times of the year, during walk-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	104 Rentschler (Hamilton) & 14 Gardner-Harvey Library (Middletown)	Offers educational support program funded by the United States Department of Education, whose goal is to help eligible students graduate on schedule with the lowest amount of financial debt.
Counseling & Disability Services	130 Rentschler (Hamilton) 14 Johnston (Middletown)	Provide mental health counseling on an as-needed basis and services for students with disabilities.
Honors	Dr. Jennifer Yamashiro, Jennifer. yamashiro@MiamiOH.edu	Provide information and advising on honors requirements as well as programming relevant to high-ability students, including advisement for prestigious fellowships

UNDERSTANDING THE

UNDERGRADUATE CURRICULUM

Miami University offers multiple types of baccalaureate degrees, including Bachelor of Arts, Bachelor of Science, Bachelor of Integrative Studies, Bachelor of Fine Arts, and Bachelor of Music. It also offers several associate degrees, such as Associate in Arts, Associate of Applied Business, and Associate of Technical Study.



MAJOR COURSEWORK



**ELECTIVES, MINOR, CO-MAJOR,
OR ADDITIONAL MAJOR**



DIVISIONAL REQUIREMENTS



GLOBAL MIAMI PLAN



YOUR DEGREE

(124 CREDITS WITH AT LEAST 2.00 GPA AND 30 HOURS AT MIAMI)

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 revised 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 & engagement, creative thinking, ethical reasoning, global learning, intercultural knowledge & competence, integrative learning, information literacy, inquiry & analysis, lifelong learning, oral communication, problem solving, teamwork, and quantitative literacy.

All students must complete liberal education requirements as well as courses in the major. The Global Miami Plan has six parts: Foundation Courses, a Thematic Sequence, Advanced Writing, Intercultural Perspectives, Experiential Learning, and a 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 student's department of 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 University Studies Program in the College of Arts & Science. As such, you will receive guidance from faculty and professional advisors in selecting courses and ultimately in determining your major.

In many cases, if you use your first year to take courses that fulfill a part of the Global Miami Plan and explore areas of interest, you can still complete a major with no delay. Note, however, that some majors require four successive years and so should be started in the first semester. Your academic advisor 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 should show on your academic records.



Co-Major and Minor Requirements

Co-majors are designed to provide a complementary perspective to a student's primary major and require at least 30 credits. 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 one's primary major in one of Miami's academic divisions. Completion of many co-majors satisfies the Global Miami Plan thematic sequence requirement.

A *minor* is a second field of study taken along with a major and 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; requirements for each minor are included in each division's chapter.

To earn a minor, these are the 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.
- You must have a 2.00 grade point average (GPA) across all coursework in a minor. Some minor programs may require a higher GPA.
- All courses taken for the minor must be for a grade, not for credit/no-credit, unless exceptions are stated.
- A minor can only be awarded with a bachelor's degree.

You may have more than one minor. All minors you complete 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 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 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
- At least 30 of the semester hours must be from Miami University (any campus), including 12 of the final 30 hours
- 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 will have access to activities that tie directly into the theme of their LLC. In an LLC, students will be co-enrolled into one or more classes, which further support student's transition and academic success at Miami University. Programming will be closely aligned with the community theme that often include 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. A Residence Life staff member will be present at summer orientation to address these questions during advising and registration.

Living Learning Community	Description	Course(s)
Academic Neighborhoods	Where possible, students will be assigned by academic college into specific residence hall corridors. The community will support individual academic efforts of students & opportunities for transdisciplinary connections.	None
Bridges Scholars	The Bridges Scholars Living Learning Community connects students who have completed the Bridges Program for high school seniors. Participants in will engage in activities to help facilitate their transition to college.	Required Course: EDL 110
Career Cluster: Accounting & Financial Services	Students will be able to engage in opportunities that focus on information sciences used to collect & classify financial data for clients & organizations.	Recommended Course: EDL 100
Career Cluster: Economics & Data Analytics	Within this cluster, students will be able to engage in opportunities that explore conducting research & formulating plans to address the production, distribution, & consumption of goods & services in the global economy.	Recommended Course: EDL 100
Career Cluster: Management, Sales & Consulting	This cluster focuses on careers that involve solving business-related problems for organizations & creating value through the selling, management, & transportation of goods & services.	Recommended Course: EDL 100
Career Cluster: Students Still Exploring	Students will have an opportunity to meet with one of the many career advisors trained to assist you in the exploration process.	Recommended Course: EDL 100
Celebrate the Arts	Students will expand, educate, & explore interests & involvement in the arts through co-curricular experiences in an effort to foster a life-long commitment to the arts.	None
Community Justice & Well-being	This interdisciplinary program is designed to encourage & facilitate place-based education in urban settings around issues of social justice.	Required Courses: UNV 101 & SJS 215
Discovering Miami	The Discovering Miami Living Learning Community (LLC) is restricted to incoming first-year students who are declared University Studies. Students will have the opportunity to solidify a major(s) & explore possible career paths.	Required Course: UNV 101

Living Learning Community	Description	Course(s)
Education, Families & Society	Offers first year students the opportunity to explore themes & issues for students who are interested in education, helping professions, & being instruments of change in our society.	Required Courses: EDP 201 & EDT 190
Emerging Leaders	Emerging Leaders live & 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 & how to apply entrepreneurial thinking & behavior to their careers and passions.	Required Course: ESP 101
Environmental Awareness Program	This community will offer activities that support learning about energy use on campus & in the Oxford community, environmentally sustainable practices, & local/organic foods, among other environmental issues.	None
Equestrian	The Equestrian community is ideal for students who have a passion for equestrian sports & want to further develop their skills. Note: Participants will be charged a \$175 fee.	Required Course: KNH E/F/H
Film & Video Making	This LLC will provide students in any major an opportunity to live with other students who are interested in video & film production. The community will partner with the Department of Media, Journalism & Film on programs.	Recommended Courses: MAC 143 & MAC 146
FYRE: First Year Research Experience	Participants in this community will be exposed to research methods & how it crosses all areas of academic study. Students will be paired with a faculty member to conduct research.	Required courses: UNV 171 & UNV 172
Global Connections	Promote intercultural connections through programming & course work options, & providing opportunities for American & international students to learn from each other.	TBD
Governmental Relations	Provide students with the opportunity to explore government related careers & professions through a wide ranging network of alumni, University friends, public officials & 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 & studying in the fields of engineering & computing.	Required course: CEC 101
Health & Wellness	The Health & Wellness LLC is ideal for students who want to focus on multiple dimensions of wellness. Students have the opportunity to participate in up to 4 different programs throughout the academic year. Note: Participants will be charged a \$175 fee.	Required course: EDL 110
Honors	Members of the Honors & Academic Scholars Programs are expected to live together to support & enhance their participation in the University Honors & Academic Scholars Program.	None
Innovation, Design Thinking, & Creativity	This community will explore & develop abilities that we all have to find creative & innovative solutions to everyday problems through design thinking.	Required course: CCA 111

Living Learning Community	Description	Course(s)
Love. Honor. Pride.	The Love. Honor. Pride. Living Learning Community is dedicated to creating a gender inclusive space for LGBTQIA+ students & their allies at Miami.	None
Mallory-Wilson Center Premedical	Explore career opportunities in medicine. Learn about the current dynamics & issues of the medical profession, & 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 collegiate life at Miami University and making it their home for the next few years.	None
Nursing	A community to support admitted Nursing students into the Oxford Nursing cohort, where students will find peer academic support & greater connection with faculty.	None
Out of State Affinity Community	This community supports Out of State students by helping their adjustment in making Miami University & Ohio their home for the next few years.	None
Outdoor Pursuits	This community is ideal for students who love outdoor pursuits & want to learn about outdoor activities. Students will participate in up to 4 different program opportunities throughout the year. Note: Participants will be charged a \$175 fee.	Required course: EDL 290R
Pathways	Students admitted to the Pathways Program are required to live in this community. In addition to residing together in the LLC, students in the program will take classes together making it convenient for students to form study groups & support each other academically.	None
ROTC & 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 & seek building experiences through physical activity. Note: Participants will be charged a \$175 fee.	Required course: EDL 110
Stokes Scholars	This community is restricted to students who are participating in the LSAMP program & seek the support of fellow student participants in a residential community.	None
Transfer Affinity Community	The Transfer community aims to ease the transition of students to Miami who might already have other collegiate experience.	None
Women in Science Disciplines, Engineering, & Mathematics (WiSDEM)	For female students to get to know & get advice from faculty & upper-class women in the science, engineering, & mathematics disciplines.	None

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
- Web access to myFiles (Net Disk)
- 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 the student organizations and clubs
- Access to many Miami web services, including BannerWeb, which is where you can find your Degree Audit Report (DAR), 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 in completing degree requirements (through the degree audit), and more. Visit the website at <http://MiamiOH.edu/onestop/> or head to Campus Avenue Building, room 100; Hamilton Campus Mosler Hall, room 102; or Middletown Campus Johnston Hall, room 114.

PREPARING — FOR — REGISTRATION

Semester Course Load

- You should aim to complete your degree by the end of the 2023 spring semester. Most students take credits during the fall and spring semesters, but you are also able to 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, 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 in a semester. The limit for summer term is 16 credit hours, and the limit for winter term is 6 credit hours. A student who needs 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 calendar days of all four terms or the first two calendar days of any sprint part of term. Adding during this period can be done online (see One Stop website for more information). Following this period, the instructor may approve a student to add the course. 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) for specific academic deadline dates.

A student may drop a course during the first 20 percent of the course, in which case no grade or other designation will appear on the student's official record. Below are the fall semester deadlines for dropping a course *without a grade*:

FULL SEMESTER COURSE	SPRINT Q COURSE (LAST 12 WEEKS)	SPRINT T COURSE (FIRST 6 WEEKS)	SPRINT U COURSE (LAST 6 WEEKS)	SPRINT V COURSE (FIRST 8 WEEKS)	SPRINT W COURSE (LAST 8 WEEKS)
Friday, September 13	Tuesday, September 24	Tuesday, September 10	Wednesday, October 30	Thursday, September 12	Monday, October 21

A student may withdraw from a course after the first 20 percent of the course and, ordinarily, before the end of 60 percent of the course. 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) for refund policy information as well as the academic calendar with specific academic deadline dates.

Changing Sections of the Same Course

There may be more than one section of the same course 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.

Note: 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 which 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. All 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. Even though 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.

PRE-REQUISITE & CO-REQUISITE REGISTRATION COURSES

Pre-requisites 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 have completed the prerequisite course or courses which will be listed in the course description in this guidebook or in the *General Bulletin*.

Co-requisite courses indicate the 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. These courses are also 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 of courses can provide students the opportunity to engage in interdisciplinary learning. Students may only earn credit for the same 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 it is being repeated for credit), but they may be advised according to academic program requirements (where applicable).

Registration Instructions (After Summer Orientation)

You will register for the first time at summer orientation. After that, here are the steps you may use:

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 as well as any registration holds that may be on your record. Any and all holds that restrict your registration will be listed here along with contact information for the appropriate office. You must clear your holds before registration will be permitted.
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 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 and are limited to scheduling no more than 20 credit hours during their registration date/time window.
- Be aware the you might receive an email notifying you of a "waitlisted seat now open". Students receiving this email have 24 hours to add the course before the opportunity will be given to the next student on the list.

DETERMINING

CREDIT EARNED & COURSE PLACEMENT

Placement Guides

Use the information in this section to assist you in deciding which courses in certain fields to take. These guides describe the background necessary to enter courses at a certain level.

If you find you have chosen a course that is too difficult, you can drop it (before the deadline to drop, listed in the academic calendar at MiamiOH.edu/OneStop and begin with an easier course in a later semester.



FOREIGN LANGUAGE

Placement is based on: (1) high school preparation (typically, one year of high school equates to one college semester), and (2) results of placement testing administered by Miami University. You cannot take a foreign language course for credit at a lower level than which you are prepared. After being placed, you cannot skip a course in the sequence leading to 202.

If you intend to continue studying the same foreign language as in high school, you are required to take the placement exam for that language before you enroll. Placement exams for French, German, and Spanish are taken by new students online before summer orientation; results are immediately available. Additional advising occurs at orientation.

For other languages, placement exams are taken at home by entering freshmen prior to summer orientation; transfer students in Latin and Russian take the exam prior to transfer student advising. Examinations are returned to Miami by mail; results are available at orientation for placement and advising.

There is no award of academic credit for placement tests.

101 LEVEL	For those beginning a new language
102 LEVEL	For those who have successfully completed 101 or, in German only, 111. The French department places students in 102 on the basis of high school preparation and placement exam score.
111 LEVEL	German, Latin, Spanish: intensive first-year course for those whose placement exam scores indicate they are not prepared to enter second-year level. After completing 111, students enter 201.
121 LEVEL	Intensive review course offered in Latin for those whose placement exam scores indicate they are not prepared to enter second-year level. After completing 121, students enter 202.
201 LEVEL	For those who have successfully completed 102, 111 (German, Latin, or Spanish), or equivalent, or achieved an appropriate placement exam score.
202 LEVEL	For those who have successfully completed 121 (Latin), 201, or equivalent, or achieved an appropriate placement exam 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 exam score; designed as an alternative to SPN 202 for those interested in the health care field. Credit not given for both 202 and 203. This course fulfills the language requirement for the College of Arts and Science (CAS-A).
211 LEVEL	Intensive second-year course for those pursuing Spanish or Portuguese and who achieved an appropriate 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 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 not include courses in English translation.

SOCIAL SCIENCES, SCIENCES & MATHEMATICS

Field	Course(s)	Guidelines
Chemistry	CHM 111 and 111L	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 without the lecture course.
	CHM 141, 141R, 141H, 142, 142H, 142M, 144, 145	<p>Lectures and laboratories for students preparing for careers in health professions and sciences, engineering, or science teaching. See note below about math placement scores.</p> <ul style="list-style-type: none"> Certain ACT/SAT scores are required for placement into any CHM 14x courses. ACT math score 21 and lower / SAT math score 519 and lower: you must complete a math course before enrolling in the CHM 14x series; see an advisor to choose an appropriate math course. ACT math score 22 and higher / SAT math score 520 and higher and no high school chemistry: enroll in CHM 141R (regional campus students only) ACT math score 22 and higher / SAT math score 520 and higher: CHM 141 / 141H (honors students)
	CHM 147	Introductory seminar strongly recommended for all chemistry and biochemistry majors; one credit hour with credit/no credit grading.
Physics	PHY 101, 103 (lab), 111, 118, 121, 131, 141	Physics courses for students not majoring in a natural science
	PHY 161, 162	Physics sequence for students who have had mathematics courses that include trigonometry. PHY 161 is a prerequisite to PHY 162. Math prerequisite for 161 is a math sub-score of 26 or greater on the ACT or 600 and greater on the SAT.
	PHY 191, 192	Physics sequence 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	Study of algebra topics that are background knowledge for pre-calculus. Note: credits earned in this course will not count toward graduation.
Algebra and Trigonometry	MTH 125	Pre-calculus (5) Assumes three years of college prep math including some trigonometry. Preparation for MTH 151.
Calculus	MTH 151	Calculus I (5) For students who have had little or no high school calculus. This is the first semester in calculus sequence MTH 151, 251, 252.
	MTH 249	Calculus II (5) For students who have had a year of calculus in high school. Reviews concepts of limit, derivative, and integral from Calculus I, and then covers same content as MTH 251 Calculus II. This is the first semester of calculus sequence MTH 249, 252 which covers same topics as MTH 151, 251, 252. Limited to first-year students.

MATHEMATICS AND STATISTICS COURSE PLACEMENT GUIDE

IF YOU PLAN TO	AND YOU HAVE PASSED THESE HIGH SCHOOL CLASSES	AND YOU HAVE THESE SCORES ON THE TEST	THEN TAKE
Take a calculus course	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: 26+; SAT math score: 610+	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: 26+; SAT math score: 610+	MTH 151
	(c) three or four years of math including some trig	ACT math score: 22 - 25; SAT math score: 540 - 609	MTH 125
	d) less than three years of math	ACT math score 21 & lower; SAT math score 539 & lower	MTH 025
Take a non-calculus course, e.g., MTH 121 or STA 261	(a) three years of math, including two years of algebra	ACT math score: 22 & higher; SAT math score: 540 & higher	MTH 119, 121 or STA 261
	(b) less than three years of math	ACT math score 21 & lower; SAT math score 539 & lower	MTH 025
Seeking Middle Childhood licensure with a math concentration	(a) a year of calculus, including log, exponential, and trig functions	3-5 on AP Calculus AB	MTH 217 or 218
	(b) three and one-half or four years of math with trig but little or no calculus	ACT math score: 26+; SAT math score: 610+	MTH 151
	(c) three or four years of math including some trig	ACT math score: 22 - 25; SAT math score: 540 - 609	MTH 125
	(d) less than three years of math	ACT math score 21 & lower; SAT math score 539 & lower	MTH 025
Seeking Inclusive Special Education, Early Childhood 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 ECE only)

*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.

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

The regional campuses follow Oxford placement rules and also offer other standardized placement tests, such as Accuplacer.

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	5 (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	9	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

AP Subject	AP Score	Course Number	Course Title	Hours Awarded	GMP Foundation Requirement
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 or above	ENG 111	Composition and Rhetoric	3	I
English Literature	3 or above	ENG 111	Composition and Rhetoric	3	I
Student takes both exams: English Language & English Literature	3 or above 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

AP Subject	AP Score	Course Number	Course Title	Hours Awarded	GMP Foundation Requirement
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	

AP Subject	AP Score	Course Number	Course Title	Hours Awarded	GMP Foundation Requirement
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 B	3, 4 or 5	PHY 161, 162	Physics for the Life Sciences with Laboratory I, Physics for the Life Sciences with Laboratory II	8	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 197, 198	World History to 1500, World History Since 1500	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	GMP 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	

Higher Level Subject	Acceptable Score	Course Number	Course Title	Hours Awarded	GMP Foundation Requirement
Global Politics	5 or better	POL 271	World Politics	3	IIC or IIC
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 242	World History Since 1500 History of Modern Middle East	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	5	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	

Higher Level Subject	Acceptable Score	Course Number	Course Title	Hours Awarded	GMP Foundation Requirement
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	GMP 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	5	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	

Subject	Acceptable Score	Course Number	Course Title	Hours Awarded	GMP Foundation Requirement
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 111	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	General Elective	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	

Subject	Acceptable Score	Course Number	Course Title	Hours Awarded	GMP Foundation Requirement
Introduction to Educational Psychology	62 and above	OTM Social Sciences	OTM Social Sciences Credit	3	
Introductory Psychology	59 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	62 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

Did you take college courses (through College Credit Plus, dual enrollment, or post-secondary) while in high school or as a transfer student? Evaluations of undergraduate credit are done by the Office of the University Registrar in the One Stop (Campus Avenue Building). Regional Campus students may submit their transcripts to the Regional One Stop (Hamilton Mosler Hall or Middletown Johnston Hall). Check online at 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 a passing grade was earned. All transferred credit is posted to your Miami record without grade, and grades earned elsewhere are disregarded in the computation of point averages.

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 to facilitate 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 will have fulfilled the module at the school to which you transfer. You will, however, be required to complete any additional general

education requirements that are 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 guarantee that the courses and their credits will transfer and apply toward the major at any of Ohio's public institutions of higher education.

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

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. The petition 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, 2019-2020

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
ART	2-D Fine Arts		Minor	Creative Arts	Oxford	
ART	2-D Fine Arts for Art Majors		Minor	Creative Arts	Oxford	
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	
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	
ASO	Applied Social Research	Bachelor of Science in Applied Social Science	Major, Minor	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

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
ARC	Architecture and Interior Design Studies		Minor	Creative Arts	Oxford	
ART	Art & Architecture History	Bachelor of Arts in Art & Architecture History	Major, Minor	Creative Arts	Oxford	
ART	Art Education	Bachelor of Science in Art	Major	Creative Arts	Oxford	With multi-age licensure; limited admission
ART	Art Therapy		Co-Major, Minor	Arts & Science, 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
AAS	Asian-Asian American Studies		Minor	Arts & Science	Oxford	
CHM	Biochemistry	Bachelor of Arts Bachelor of Science	Major	Arts & Science	Oxford	
CPB	Bioengineering	Bachelor of Science in Engineering	Major, Minor	Engineering & Computing	Oxford	
CSE, MBI	Bioinformatics		Minor	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	
BWS	Black World Studies	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
BIO	Botany	Bachelor of Arts, Bachelor of Science	Major	Arts & Science	Oxford	
ISA	Business Analytics		Minor	Farmer School	Oxford	
ECO	Business Economics	Bachelor of Science in Business	Major	Farmer School	Oxford	Admission required for major; see also Economics in Arts & Science
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 Studies and Youth Development		Minor	Education, Health & Society	Oxford	

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
BUS	China Business		Certificate	Farmer School	Oxford	
CHI	Chinese		Minor	Arts & Science	Oxford	
CLS	Classical Humanities	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
CLS	Classical Languages	Bachelor of Arts	Major	Arts & Science	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	Creative Arts	Oxford	Limited admission
APC	Communication Studies	Bachelor of Arts in Applied Communication	Major	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	
CMS	Comparative Media Studies		Co-Major	Arts & Science	Oxford	Co-major requires primary major
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
ARB, CHI, GER, JPN, LAT, RUS	Critical & Classical Languages & Cultures		Co-Major	Arts & Science	Oxford	Co-major requires primary major

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
CMR	Customer Service		Certificate	Liberal Arts & Applied Science	Regionals	
THE	Dance		Minor	Creative Arts	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 Business Systems	Associate in Applied Business		Liberal Arts & Applied Science	Regionals	
IMS	Digital Innovation		Minor	Creative Arts	Oxford	Limited admission
EDP	Disability Studies		Minor	Education, Health & Society	Oxford	
POL	Diplomacy & Global Politics	Bachelor of Arts	Major	Arts & Science	Oxford	
EDT	Early Childhood Education	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	
GLG	Earth Science	Bachelor of Arts	Major	Arts & Science	Oxford	
RUS	East Asian Languages & Cultures	Bachelor of Arts	Major	Arts & Science	Oxford	
GEO	East Asian Studies		Minor	Arts & Science	Oxford	
ECO	Economics	Bachelor of Arts	Major, Minor	Arts & Science and Farmer School	Oxford	See also Business Economics in Farmer School
EDT	Education, Teaching & Learning		Minor	Education, Healthy & Society	Oxford	
EDP	Educational Technology		Minor	Education, Health & 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	
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	

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
ENT	Engineering Technology	Bachelor of Science in Applied Science	Major	Liberal Arts & Applied Science	Regionals	Concentrations in electrical & computing, electro-mechanical, mechanical engineering
ENG	English - Creative Writing	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
ENG	English - Literature	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
ENG	English - Professional Writing	Bachelor of Arts	Major	Arts & Science	Oxford	
EGS	English Studies	Bachelor of Arts	Major, Minor	Liberal Arts & Applied Science	Regionals	
ESP	Entrepreneurship		Co-Major, Minor	Farmer School	Oxford	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
PHL	Ethics, Society & Culture		Minor	Arts & Science	Oxford	
Various	European Studies		Minor	Arts & Science	Oxford	
FSW	Family Science	Bachelor of Science in Family Science	Major	Education, Health & Society	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
EDT	Foreign Language Education	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	Offered for Chinese, French, German, Latin, or Spanish

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
CJS	Forensic Investigation	Bachelor of Science in Forensic Science & Investigation	Major, Minor	Liberal Arts & Applied Science	Regionals	
CJS	Forensic Science	Bachelor of Science in Forensic Science & Investigation	Major	Liberal Arts & Applied Science	Regionals	
EDT	Fostering Just Communities		Certificate	Education, Health & Society	Oxford	
ISA	Foundations of Analytics		Certificate	Farmer School	Oxford	
FRE	French	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
IMS	Games + Simulation		Minor	Creative Arts	Oxford	Limited admission
BUS	General Business		Minor	Farmer School	Oxford	
CEC	General Engineering	Bachelor of Science in Engineering	Major	Engineering & Computing	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, Minor	Arts & Science	Oxford	
GLG	Geology	Bachelor of Arts, Bachelor of Science	Major, Minor	Arts & Science	Oxford	
GER	German	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
GTY	Gerontology	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
ATH	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	
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	

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
MGT	Human Capital Management and Leadership	Bachelor of Science in Business	Major, Minor	Farmer School	Oxford	Admission required for major; limited admission to minor
BIO	Horticulture		Minor	Arts & Science	Oxford	
CEC	Humanitarian Engineering & Computing		Minor	Engineering & Computing	Oxford	Open to CEC majors only
EDP	Inclusive Special Education	Bachelor of Science in Education	Major, Minor	Education, Health & Society	Oxford	
WST	Individualized Studies	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
ISA	Information Security		Minor	Farmer School	Oxford	
ISA	Information Systems		Minor	Farmer School	Oxford	
ISA	Information Systems & Analytics	Bachelor of Science in Business	Major	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 Social Science Education	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	
BIS	Integrative Studies	Bachelor of Integrative Studies	Major	Liberal Arts & Applied Science	Regionals	
IMS	Interactive Media Studies	Bachelor of Arts in Interactive Media Studies	Major, Minor	Creative Arts	Oxford	Limited admission
BUS	Interdisciplinary Business Management	Bachelor of Science in Business	Major	Farmer School	Oxford	Admission required for major
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	

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
ITL	Italian Studies	Bachelor of Arts	Major	Arts & Science	Oxford	
JPN	Japanese		Minor	Arts & Science	Oxford	
HST	Jewish Studies		Minor	Arts & Science	Oxford	
JRN	Journalism	Bachelor of Arts	Major	Arts & Science	Oxford	Requires a second major
KNH	Kinesiology	Bachelor of Science in Kinesiology and Health	Major	Education, Health & Society	Oxford	
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	
SPN	Lusophone Studies		Minor	Arts & Science	Oxford	
MGT	Management		Minor	Farmer School	Oxford	
MME	Manufacturing Engineering	Bachelor of Science in Engineering	Major, Minor	Engineering & Computing	Oxford	
MKT	Marketing	Bachelor of Science in Business	Major, Minor	Farmer School	Oxford	Admission required for major; limited admission to minor
CMR	Marketing Management Technology	Associate in Applied Business	Major	Liberal Arts & Applied Science	Regionals	
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 & Culture	Bachelor of Arts	Major	Arts & Science	Oxford	Requires a second major

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
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
ARB	Middle East & 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 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
NCS	Nonprofit and Community Studies	Bachelor of Science in Nonprofit and Community Studies	Major	Liberal Arts & Applied Science	Regionals	
NSG	Nursing	BSN; RN-BSN Completion	Major	Liberal Arts & Applied Science	Regionals	Limited admission
KNH	Nutrition	Bachelor of Science in Kinesiology and Health	Major, Minor	Education, Health & Society	Oxford	Concentrations in Dietetics and Community Nutrition
EDL	Outdoor Leadership		Certificate	Education, Health & Society	Oxford	

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
CPB	Paper Engineering		Minor	Engineering & Computing	Oxford	
PHL	Philosophy	Bachelor of Arts	Major	Arts & Science	Oxford	
ART	Photography		Minor	Creative Arts	Oxford	
PHY	Physics	Bachelor of Arts, Bachelor of Science	Major, Minor	Arts & Science	Oxford	
BIO	Plant Sciences		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	
PMD	Premedical Studies		Co-Major	Arts & Science	Oxford	Co-major requires primary major
CPB	Process Control		Minor	Engineering & Computing	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 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	
REL	Religion	Bachelor of Arts	Major, Minor	Arts & Science	Oxford	
ENG	Rhetoric/Writing		Minor	Arts & Science	Oxford	
RUS	Russian		Minor	Arts & Science	Oxford	
RUS	Russian, Eastern European, & Eurasian Studies	Bachelor of Arts	Major	Arts & Science	Oxford	
EDT	Integrated Science Education	Bachelor of Science in Education	Major	Education, Health & Society	Oxford	Biology, Chemistry, Earth Science, Physics

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
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 & Inequalities		Minor	Arts & Science	Oxford	
SOC	Social Justice Studies	Bachelor of Arts	Major	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	
SPA	Speech Pathology & Audiology	Bachelor of Science	Major	Arts & Science	Oxford	Pre-major Limited admission
KNH	Sport Leadership and Management	Bachelor of Science in Kinesiology and Health	Major	Education, Health & Society	Oxford	Concentrations in Coaching, Management, Journalism, Media
KNH	Sport Management		Minor	Education, Health & Society	Oxford	
ESP	StartUp Entrepreneurship		Certificate	Farmer School	Oxford	
STA	Statistical Methods		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	Creative Arts	Oxford	Limited admission
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	

Subject Code	Subject	Degree (granted only for majors)	Available as	Division	Campus	Notes
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 Culture, Marketing, Communication Design

Bacteriology: Microbiology

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, Interdisciplinary Business Management

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

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

Law: any major, American Studies, Business (e.g., Interdisciplinary Business Management), Classics, Economics, English, English Studies, Finance, General Engineering, History, Philosophy, Political Science, Religion, Social Justice Studies, Theatre

Medicine: any major, most often Biology, Chemistry, Microbiology, Psychology, Zoology; also Bioengineering, General Engineering, Chemical Engineering, Kinesiology

Operations research: Engineering Management

Pharmacy: Chemistry, Biochemistry

Physical therapy: Athletic Training, Kinesiology, Psychology, Zoology

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

Social service: Family Studies, Psychology, Psychological Science, Social Work, Sociology

Sports: Athletic Training, Nutrition, Kinesiology, Sports Leadership and Management

Teaching: Education, Art Education, Music Education.

Television and radio: Journalism, Media and Culture, Theatre

SELECTING

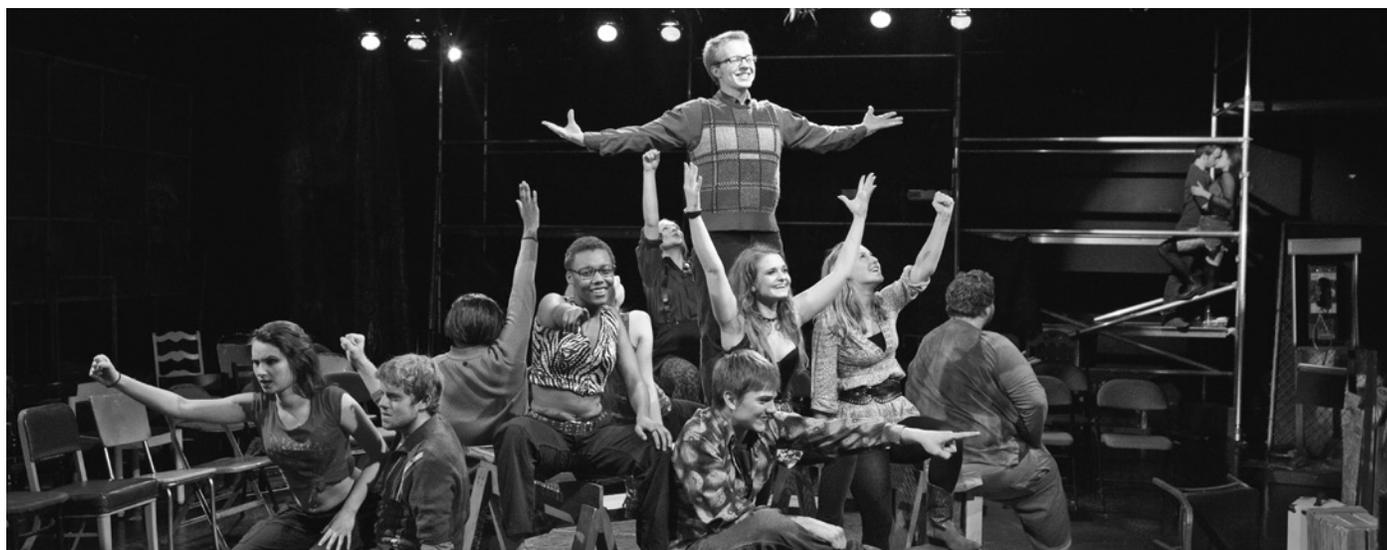
COURSES

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 have prior knowledge of the subject before enrolling in higher level courses.

COURSE NUMBERING SYSTEM	
100-199	Introductory-level undergraduate courses. Appropriate for first-year students.
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.



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 don't need to be 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 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 relate 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.
Teacher 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.

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 courses below which are designed for first-year students.

Important to 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.

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
GLG 147	Introductory Seminar	1	For students in Earth Science, Environmental Earth Science, and Geology
IMS 101	Introduction to IMS	1	For students majoring in Interactive Media Studies
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

Foundation Courses

FOUNDATION I. ENGLISH COMPOSITION (3 HOURS MINIMUM)

Number	Title	Credits	Other Requirements It May Fulfill
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)

Number	Title	Credits	Other Requirements It May Fulfill
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	IIIB
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	
MUS/AMS 135	Understanding Jazz: Its History & Context	3	IIB, IIIB
MUS 184	Opera: Passport to the Liberal Arts	3	IIB

Number	Title	Credits	Other Requirements It May Fulfill
MUS 185	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/AMS 285	Introduction to African-American Music	3	IIB, IIIB, IC
MUS/WGS 287	Enter the Diva: Women in Music	3	IIB, IC
POR/FST/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	Religions of India	3	IIIB
AAA/ENG 269	Colonial & Postcolonial Literature	3	IIIB
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

Number	Title	Credits	Other Requirements It May Fulfill
ART 286	History of Asia Art: China, Korea, and Japan	3	IIA
ATH 235	Encountering the Other	3	IIC, IIIB
ATH/CLA.HST/ITS/ POL/REL/RUS 254	Introduction to Russian and Eurasian Studies	3	AW
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	
CMS 101	The Smart Phone and Society	3	
EDL 204	Sociocultural Studies in Education	3	IC
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/IMS 171	Humanities and Technology	3	
ENG 202	Varieties of American English: Dialect Diversity & Language Change	3	IC
ENG/FST 220	Literature & Film	3	
ENG/FST 221	Shakespeare and Film	3	
ENG/IMS 238	Narrative & Digital Technology	3	
ENG 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 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	

Number	Title	Credits	Other Requirements It May Fulfill
ENG 356	Women and Gender in Film	3	IC
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 Fairy Tales 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 & 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 in History	3	
HST/BWS 225	The Making of Modern Africa	3	
HST 245	Making of Modern Europe, 1450-1750	3	IIIB
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 211	Introduction to Game Studies	3	
ITL 221	Italy, Matrix of Civilization	3	
ITL/AMS/FST 222	Italian American Culture	3	IC
JPN 231	Tales of the Supernatural in English Translation	3	
JRN 101	Introduction to Journalism	3	
MAC 143	Introduction to Media	3	
MUS/AMS 135	Understanding Jazz, Its History and Context	3	IIA, IIIB

Number	Title	Credits	Other Requirements It May Fulfill
MUS 184	Opera: Passport to the Liberal Arts	3	IIA
MUS 185	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/AMS 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 106	Thought and Culture of India	3	
PHL 131	Introduction to Ethics	3	
POR/FST/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	American Religious Encounters	3	
REL/BIO 128	Religion, Science and Origins	3	
REL/RUS 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	Russian Literature from Pushkin to Dostoevsky in English Translation	3	
RUS/ENG 256	Russian Literature in English Translation: From Tolstoy to Nabokov	3	IIIB
RUS 257/ENG 267	Russian Literature in English Translation: From Pasternak to the Present	3	IIIB
SPN 315	Introduction to Hispanic Literature	3	
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	IIB, IIIB
AAA 207	Asia and Globalization	3	IIIB
AAA/BWS/PSY 210	Psychology Across Cultures	3	IIIB, IC
ASO 201	Introduction to Applied Social Research	3	IIIB, IC
ATH 145	Lost Cities & 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 313	Latin American Archaeology	3	IIIB
ATH 405	Food, Taste, and Desire	3	IIIB
BWS 151	Introduction to Black World Studies	4	
CIT/CSE 262	Technology, Ethics, and Global Society	3	IIB
CJS 101	Introduction to the Criminal Justice Studies	3	
CJS 451	Comparative Justice Systems	3	IIIB
CMR 106	Introduction to Business and the Economy	3	
CMR 117	Personal Finance: An Introduction	3	
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	Critical Issues in the 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/STC 201	Language Awareness	3	
FSW 142	Exploring Helping Profession	3	

Number	Title	Credits	Other Requirements It May Fulfill
FSW 206	Social Welfare: Impact on Diverse Groups	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
GER 322	Comparative Study of Everyday Culture: German-Speaking Europe and the U.S.A.	3	IIB, IIIB, IC
GIC 101	Global & Intercultural Studies	3	IIB, IIIB
GIC 301	Approaches to Global and Intercultural Studies: Globalization and Belonging	3	IIB, IIIB, IC
GTU 154	Aging in American Society	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	
KNH 276	Current Issues in Leisure and Sport	3	
KNH/BWS/SOC 279	African Americans in Sport	3	IC
LAS 207	Latin America before 1910	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	Modern World Governments	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

Number	Title	Credits	Other Requirements It May Fulfill
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)

IIIA. Study Abroad (6 hours)

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

OR

IIIB. 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	Religions of India	3	IIB
AAA 207	Asia and Globalization	3	
AAA/AMS/ENG 248	Asian/Asian American Literature	3	IIIB, IIC, IC
AAA/ENG 269	Colonial & Postcolonial Literature	3	IIB
AAA/BWS/PSY 210	Psychology Across Cultures	3	IIC, IC
AAA/EDL 334	Transnational Youth Cultures	3	IC
AMS 207	America - A Global Perspective	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

Number	Title	Credits	Other Requirements It May Fulfill
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	Encountering the Other	3	IIB, IIC
ATH/BWS 307	The Middle East: Anthropological Perspectives	3	
ATH 313	Latin American Archaeology	3	IIB, IC
ATH 358	Travelers, Migrants, and Refugees: Transnational Migration and Diasporic Communities	3	
ATH 361	Language and Power	3	
ATH 405	Food, Taste, and Desire	3	IIC
BWS 156	Introduction to Africa	4	
CEC 266	Metal on Metal: Engineering and Globalization in Heavy Metal Music	3	V, IC
CHI 257	Chinese Satire	3	IIB
CIT 448	Global and Strategic Issues in Information Technology	3	IC
CJS 451	Comparative Justice Systems	3	IIC
CMR 244	Introduction to Global Business	3	IC
CMR 402	Cross Cultural Leadership Skills	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	
EDT 323	Teaching English Language Learners in PK-12: Instructional Theories & Practices	3	
EDT 425	Teaching English Language Learners in PK-12: Active Learning & Literacy	3	
ENG 108	U.S. Cultures & Composition for Second-Language Writers	5	
ENG 163	Literature and Travel	3	IIB, IC

Number	Title	Credits	Other Requirements It May Fulfill
ENG 251	Introduction to European Literature	3	IIB
ENG/LAS 254	Latino/a Literature and the Americas	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
GER 232	The Holocaust in German Literature, History, and Film	3	IIB
GER/FST 261	German Film in Global Context	3	IIB, IC
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
GTU 260	Global Aging	3	IC
HST 197	World History to 1500	3	IIB
HST 198	World History Since 1500	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
KNH 448	Global Sport Perspectives	3	
LAS 208/ATH 206	Latin American Civilization	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

Number	Title	Credits	Other Requirements It May Fulfill
POL 221	Modern World Governments	3	IIC
POL 271	World Politics	3	IIC
POR/FST/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/ENG 256	Russian Literature in English Translation: From Tolstoy to Nabokov	3	IIB
RUS 257/ENG 267	Russian Literature in English Translation: From Pasternak to the Present	3	IIB
SJS 350A	Immigration: On the Border	3	IC
SJS/SOC 487	Globalization, Social Justice and Human Rights	3	IC
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
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
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 181	Medicinal and Therapeutic Plants	3	
BIO 191	Plant Biology	4	LAB
IES/AMS 278	Food Systems and Food Studies	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, 182	Physical Science	4,4	LAB
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	5	
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/BWS/PSY 210	Psychology Across Cultures	3
AAA/AMS/ENG 248	Asian American Literature	3
AAA/EDL 334	Transnational Youth Cultures	3
AAA/ENG/WGS 351	Cultural Politics of Gender and Sexuality in Asian/America	3
AAA 410	Asian/Asian-American Studies	3
AMS 205	Introduction to American Studies	3
AMS 207	America: Global and Intercultural Perspectives	3
AMS/EST/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
ARC 427	The American City Since 1940	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 426	Field Research	4-6
ATH/CLS 431	Archaeology of Power	3
BIS/EGS 305	Integrative Writing in Global Contexts	3

Number	Title	Credits
BIS 410	Advanced Special Topics Seminar in Integrative Studies	3
BWS 151	Introduction to Black World Studies	4
BWS/HST 221	African-American History	3
BWS 248	African-American Experience	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
BWS/ENG/WGS 432	Feminism and the Diaspora: US Women of Color	3
CEC 266	Metal on Metal: Engineering & Globalization in Heavy Metal Music	3
CIT 448	Global and Strategic Issues in Information Technology	3
CMR 244	Introduction to Global Business	3
CMR 402	Cross Cultural Leadership Skills	3
DST/EDP/SOC 272	Introduction to Disability Studies	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
EDP 209	Development, Learning, and Diversity	3
EDT 205	Race, Cultural Diversity and Equity in Education	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/AMS 246	Native American Literature	3
ENG/LAS 254	Latino/a Literature and the Americas	3
ENG 332	Early British Women Writers	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/WGS 435	Queer Theory	3

Number	Title	Credits
ENG/BWS/WGS 437	Black Feminist Theory	3
ENG/DST/EDP/STC 494	Disability in Global and Local Contexts	3
FST/IDS 206	Diversity and Culture in American Film	3
FST 282	Sexualities and Film	3
FSW 206	Social Welfare: Impact on Diverse Groups	4
FSW 362	Family Poverty	3
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
GEO/WGS 436	Women, Gender, and the Environment	3
GER 151	The German-American Experience	3
GER/FST 261	German Film in Global Context	3
GER 322	Comparative Study of Everyday Culture: German Speaking Europe and the USA	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	Sociology of Aging and the Life Course	3
HST 213	Appalachia: Cultures and Music	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 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
KNH 279	African Americans in Sport	3
KNH 453	Seminar in Kinesiology and Health	1-4
KNH/WGS 475	Women, Gender Relations, and Sport	3
LAS 208/ATH 206	Introduction to Latin America	3
LAS/AMS 315	Latin American Diaspora	3

Number	Title	Credits
LAS/ATH/BWS/WGS 325	Identity, Race, Gender, Class	3
MAC/WGS 461	Gender, Sexuality and Media	3
MGT 304	Cross Cultural Management	3
MGT 402	Employment Law	3
MUS 285	Introduction to African American Music	3
MUS/WGS 287	Enter the Diva: Women in Music	3
MUS 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
NCS 401	Capstone in Civic and Regional Development	3
NSG 305	Cultural Perspectives in Healthcare	3
NSG 430	Nursing Care of Aggregates: Families and Communities	4
POL 142	American Politics and Diversity	3
PSY 325	Psychology of Prejudice and Minority Experience	3
REL/AAA/WGS 313	Marriage Across Cultures	3
SJS/SOC 165	Introduction to Social Justice Studies	3
SJS 215	EMPOWER I: Educational and Economic Justice and Service-Learning	3
SJ 350A	Immigration: On the Border	3
SJS/SOC/GIC 487	Globalization, Social Justice, and Human Rights	3
SOC/WGS 203	Sociology of Gender	3
SOC/FSW/BWS 362	Family Poverty	3
SOC 372	Social Stratification	3
SOC/GIC 421	Critical Race and Post-Colonial Studies	3
SPA/DST 312	Deaf Culture: Global, National, Local Issue	3
STC 436	Intercultural Communication	3
THE 393	Topics in Intercultural Perspectives and Global Theatre and Performance	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

Course Descriptions

AAA 201. Introduction to Asian/Asian American Studies.

(3) 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/BWS/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. *Prerequisite: PSY III.*

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/HST 213. Appalachia: Cultures and Music. (3)

History of country music since 1925 in the context of Appalachian culture, regional modernization, and the emergence of national media. Authenticity and cultural traditions, fans and artists, performance ceremonies, African American and gospel contributions, technological innovation in recording, radio, movies and television.

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. (4)

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 20th 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. *Prerequisite: AMS 205.*

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. *Recommended prerequisite: AMS 205.*

AMS 305. American Icons. (3) American icons are objects, images and symbols of identification with 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.

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) General survey of the history of Western architecture and an introduction to the elements of visual thinking as exhibited in architecture. 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.

ARC 427. The American City Since 1940. (3) This course combine general background readings on the subject with specific readings on a selected group of countries, architects and projects based on a thematic organization. The faculty presents introductory lectures, while class members will present the results of individual and team research and analysis as assigned. Some of the analysis will be graphical, some will be written; all presentations will require illustrations of the work(s) in question.

ART 162. Arts of Africa, Oceania and Native America. (3) Survey course of visual and performed arts of Africa, Oceania and Native America. Also explores the Western bias inherent in the study of “non-Western” art.

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/BWS 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 modern American art and visual culture aimed to develop an understanding and critical awareness of representation. Addresses major art movements in historical context with an emphasis on issues related to nationality, cultural exchange, identity, the role of the artist and society, the human body, and nature.

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 conduct empirical research in 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.
Prerequisite: At least one 100 level social science course.

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. People of the World. (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/BWS 307. The Middle East: Anthropological Perspectives. (3) Survey and analysis of various cultural groups in contemporary Southwest Asia and North Africa.

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 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.

ATH 405. Food, Taste, and Desire. (3) Explores food consumption as a meaningful practice embedded in local, national, and global relations and in social, economic, and political contexts. Topics include history of food consumption; food and power; nation, the state, and food; gender, sexuality and consumption; consumption, marketing, and subjectivity; globalization; hunger and memory; need, taste, and desire; and food aesthetics, moralities, and poetics.

ATH 426. Field Research. (4-6) This experiential, off-campus capstone allows students to conduct ethnographic fieldwork in local, regional, or global practicum contexts. Students will learn to design ethnographic research, collect data using ethnographic methods, conduct qualitative analysis of original data, and create ethnographic representations based on original data. In addition, students will gain experience with formal research ethics training. *Prerequisite: at least three ATH credit hours or permission of instructor.*

ATH/CLS 431. Archaeology of Power. (3) Examines social and political power in the past, from small scale societies to states and global systems. Explores theoretical approaches to diversity and inequality with case studies from around the world and throughout history that include authority, gender, race, religion, class, colonialism and empire.

BIO 101. Biotechnology: Coming of Age in the 21st 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 113. Animal Diversity. (4) Diversity of animal life examined in context of origin, evolutionary history, integration, sensitivity to perturbation, and interactions with humans. (Offered only at Hamilton and Middletown campuses.)

BIO 114. Principles of Biology. (4) Examines basic biological concepts of cell theory, inheritance, and physiology. Prepares students for advanced study in biology and serves as a good overview for other students. (Offered only at Hamilton and Middletown campuses.)

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 181. Medicinal and Therapeutic Plants. (3) Plants have been used as medicines for thousands of years, and continue to be an important source of new cures and therapies for human disease. This course will trace the history of their use, discuss modern debates concerning the use of plants as medicines, and explore examples of medicinal and therapeutic plants.

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 instructor.

BWS 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.

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 20th 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.*

BWS/ENG/WGS 432. Feminism and the Diaspora: UA

Women of Color. (3) Concerns issues of language, history, geography, social-psychology, and culture for U.S. women of color (black, Asian-American, Latina, American Indian, and others). Includes works by and about women on gender, ethnicity, class, sexuality, and other differences.

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 III. 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 IIII. 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 520 on the SAT, credit for MTH 025, or permission of instructor. IVB, LAB. 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): no high school chemistry and math sub-score of 22 on the ACT or 520 on the SAT (offered on the regional campuses only). 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. *Prerequisite: ENG 111 and a minimum of 20 credit hours earned.*

CIT 448. Global and Strategic Issues in Information

Technology. (3) While information technologies remain the same across national borders, their usage and context change according to country cultures and national laws. Features such as information infrastructure, languages, business practice, intellectual property protection, and tariffs impact the adoption of IT in a transnational organization. In this course, students will define global technology issues and their impact, understand cultural differences and their effect on standards for the use of technology, develop resources to make informed decisions personally and professionally, and generally raise global awareness within an IT context. *III.C. Prerequisite(s): CIT/CSE 262 or permission of instructor.*

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.

CJS 451. Comparative Justice Systems. (3) A survey of the major legal traditions in world, as well as an examination of rule of law, civil rights, policing, and punishment & corrections in specific jurisdictions for the purpose of understanding how law and justice systems develop, how systems interact and converge, and how peoples from around the world approach justice. Comparisons between the United States and other nations/systems will occur with the intention of better understanding, critically assessing, and improving systems in the United States. *Prerequisites: CJS 101; CJS 125; CJS 231 or POL 352 or POL 353; CLS 211 or CJS 281; junior or senior standing.*

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. *Prerequisite: CMR 106 or permission of instructor.*

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. *Prerequisite: CMR 181, or CSE 141, CSE 148 or CIT 154 or permission of instructor.*

CMR 402. Cross Cultural Leadership Skills. (3) Today's global business environment makes cross-cultural leadership a critical skill. This course will help you foster international awareness, appreciate global diversity and adapt to different business and social settings. It will explore business practices, communication and decision-making styles across countries. The course will focus on effective leadership skills of business development, negotiation, and motivation. This is a hands-on course that will include case studies, self-reflection papers and an in-depth country report. *Prerequisite: CMR 113 or 244.*

CMS 201. Introduction to Comparative Media. (4) The course introduces students to the interdisciplinary field of Comparative Media Studies. Students will compare a wide range of media technologies, including audio recordings, print media, film, television, texting, video games, social media, e-commerce apps, weather satellites, and medical imaging technology. Students will examine how such technologies are used in different cultural and historical contexts. One hour of the course is designated as a lab hour to allow students to use different media technologies.

CSE 151. Computers, Computer Science, and Society. (3)

Perspective on potential and limitations of computing technology. Topics include the 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 MIS 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.

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 209. Development, Learning, and Diversity. (3) A student-centered multicultural exploration of existing and mythical differences perceived within and between U.S. cultural groups that are significant for human development and education such as language, intelligence, cognition, aptitude, motivation, personality, values, and attitudes.

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) 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 323. Teaching English Language Learners in PK-12:

Instructional Theories & Practices. (3) The second of three sequenced courses in the Teaching English Language Learners (TELLs) certificate, EDT 323 TELLs in PK-12: Instructional Theory & Practices provides the instructional 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 instructional and assessment issues facing ELLs and their teachers in schools.

EDT 425: Teaching English Language Learners in PK-12:

Active Learning & Literacy. (3) The third of three sequenced courses in the Teaching English Language Learners (TELLs) certificate, EDT 425 TELLs in PK-12: Active Learning & Literacy provides the instructional 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 linguistic and literacy issues facing ELLs and their teachers in schools.

ENG 108. U.S. Cultures & Composition for Second-Language

Writers. (5) 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/STC 201. 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-19th 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) Selected masterpieces of European literature: (251) from the beginning to 1800; (252) from 1800 to the present.

ENG/LAS 254. Latino/a Literature and the Americas. (3) Study of fiction, poetry, and nonfiction by Chicano/a, Cuban American, Puerto Rican, and Central American writers, with an emphasis on the various cultural and historical contexts that influence and are represented in the writings. Specific study of writing in transnational communities situated in more than one part of the Americas.

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.

ENG 332. Early British Women Writers. (3) Survey of women writers from the beginnings of English to 1800. Includes writers such as Margery Kempe, Julian of Norwich, Elizabeth Carey, Aemelia Lanyer, Mary Wroth, Margaret Cavendish, Lucy Hutchinson, Aphra Behn, Frances Burney, and Anne Radcliffe.

ENG/WGS 435. Queer Theory. (3) Analysis of how gender and sexuality have informed our understanding of cultural texts and contexts. Emphasizes how discourses of gender and sexuality function within a variety of historical, cultural, and/or aesthetic traditions.

ENG/BWS/WGS 437. Black Feminist Theory. (3) This course examines critical and theoretical issues in black feminism from slavery to the present. One of the central goals of the course is to interrogate race, gender, class, and sexuality in the context of black women's thoughts and experiences. The class will read, discuss and analyze a wide variety of texts including critical essays, films, selected fiction, print and visual media.

ENG/DST/EDP/STC 494. Disability in Global and Local Contexts. (3) Examines contemporary disability issues and policies and the lived experiences of persons with disabilities in international and local contexts, with emphasis on understanding disability within particular communities-both locally and in other countries-and on learning multiple research methods. *Prerequisite: permission of instructor.*

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.

FRE/GER/RUS 212/HST 211 Secular Jewish Culture from the Enlightenment to Zionism. (3) Surveys key aspects of secular Jewish culture, identity, thought, society & politics from mid-17th to mid-20th century. Significant treatment of Jewish life in Western Europe (France & Germany) and Eastern Europe; shorter treatment of Jewish experience in US & Mandate Palestine. Readings in English.

FRE/FST/GER 255. Visual Representations of the Holocaust. (3) Studying the Holocaust is a profound responsibility yet also presents a tangle of critical and philosophical questions. The role of visual representations in the process of Holocaust memorialization has been particularly contested. In this course, we will approach the question of the visualization of the Holocaust through various media: photography, cinema, TV, graphic novel, painting, and architecture. Visual technologies afford an unparalleled means of sustaining memory but are also susceptible to voyeurism and commodification. We will explore the potentialities and limitations of these media and grapple with critical ethical, epistemological and esthetic questions they raise. Course readings and class discussions in English.

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; Impact on Diverse Groups. (4) Critical analysis of historical and current interactions of social welfare policies, programs, and services with diverse recipient populations. Attention given to contexts in which social welfare has been developed and provided.

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) Location of economic activities and social groups among and within U.S. urban areas. Geographic perspectives on underlying processes and resulting problems resulting from changing distributions.

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.

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.

GEO/WGS 436. Women, Gender, and the Environment. (3) Seminar discussing literature on the role of women in their relationships with natural resources as advocates, practitioners, and scholars. Ideas on ecofeminism will be introduced from more-developed "north" and developing "south" perspectives, and then directed toward the study of gender and development, and participatory tools in gender analysis.

GEO 455. Race, Urban Change, and Conflict in America. (3) Since the 1960s, changes at both global and local levels have affected the American city. Traditional study of the city has not focused on race and the effect of such changes on race. Conflicts with racial undertones occur on a daily basis in most American cities. More often these are conflicts over production, distribution, and consumption of public and private goods and are manifest in the housing market, job market, and access to education and social services.

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 several major cultural foci within the German, Austrian, and/or Swiss experience. Readings, discussions, guided research projects predominantly 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) Course integrates bio-demographic and socio-cultural approaches to the study of global aging by drawing on cross-cultural quantitative data and qualitative ethnographic records. *Prerequisite: GTY 154.*

GTY 310. Opening Minds through Art (OMA) Leadership Experience. (2; maximum 6) 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. 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. *Prerequisite: GTY 110.*

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, 112. Survey of American History. (3, 3) Survey of the interplay of forces that have brought about evolutionary development of American economic, cultural, and political history from 1492 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 213. Appalachia: Cultures and Music. (3) History of country music since 1925 in context of Appalachian culture, regional modernization, and emergence of national media. Authenticity and cultural traditions, fans and artists, performance ceremonies, African American and gospel contributions, technological innovation in recording, radio, movies, and television.

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) Helps students function effectively in an increasingly diverse global society. With culture defined as "the way we do things around here", conflict is viewed as a natural result of interactions among people. Emphasis on applying the concepts of culture to a variety of countries and to subcultures of the U.S. so that students learn how conflict arises and how negotiation skills can be used to manage conflict.

IDS 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 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 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.

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. Offered once a year.

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. Offered once a year.

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 206. AIDS: Etiology, Prevalence and Prevention. (3) Analysis of personal and social aspects of AIDS, with special emphasis upon preventive behaviors and their education potential.

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. *Prerequisites: 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.*

KNH 448. Global Sport Perspectives. (3) This course provides students with a global perspective about sport, including research and professional practice information, across diverse cultural and global contexts. Students are provided opportunities to examine the global forces influencing sport participation, to critically analyze the meaning of sport for others and oneself, and to rethink complex issues and events in sport.

KNH 453. Seminar in Kinesiology and Health. (1-4)

Advanced study of current developments in technical and organizational aspects of activities within these fields.

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Advanced study of current developments in technical and organizational aspects of activities within these fields.

KNH 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.

KNH/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.

KNH 292. Dance, Culture, and Contexts. (3) Critically explores relationships among signs, symbols, and images in dance and processes and effects of aesthetic ideology. Through large and small group discussions, video analyses of various dance styles and genres, critical writings and reflections, concert attendances, field observations, and creative movement and analytical experiences, students come to know that a critical analysis of how and what dance means constitutes a particular politics of sociocultural interpretation. Students also come to understand that the various ways in which interpretations are made are socially constructed and constituted in the attitudes, beliefs, and behaviors we hold and in our definition and treatment of ourselves and others.

KNH/WGS 475. Women, Gender Relations and Sport. (3)

Explores the meanings of women's participation in sport and physical activity using sociological, feminist, and cultural studies perspectives. Special consideration given to the ideological significance of sport in U.S. culture and way in which sporting women accept and challenge contemporary gender relations. Prerequisite: junior or graduate standing.

LAS 207. Latin America Before 1910. (3) Focuses on Latin America and the Caribbean before the twentieth century through broad historical survey emphasizing cultural, geographical, political, and social developments in colonial and pre-colonial Americas.

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.

MAC/WGS 461. Gender, Sexuality and Media. (3) Examines how media help to shape notions of gender in society, how gender ideologies influence mass media perspectives and practices, and how mediated representations may reinforce or challenge social hierarchies based in differences of gender, race, ethnicity, class and sexual orientation.

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. Prior or 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 291.*

MGT 402. Employment Law. (3) Examines the growing body of law that governs the employment relationship. Students learn the rights and responsibilities of employers and employees by reading and discussing judicial decisions. Aims at improving students' ability to analyze legal questions and to identify the applications of the law for the practice of human resource management.

MTH 115. Mathematics for Teachers of Grades P-6. (4) 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: placement in MTH 125 or higher, or successful completion of MTH 102 or MTH 109.*

MTH 121. Finite Mathematical Models. (3) 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 151. Calculus I. (5) Limits and continuity, derivatives, integration, calculus of trigonometric and exponential functions. *Prerequisite: three and a half or four years of college preparatory mathematics including trigonometry, but less than one semester of calculus, or MTH 125.*

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. *Prerequisite: a year of high school calculus including calculus of trigonometric, logarithmic, and exponential functions.* Enrollment advice based on placement test scores and/or AP credit for MTH 151. 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) Introduces remarkable diversity of musical traditions, whether derived from African and Asian cultures, from Western European classical traditions, or from European-derived non-classical music.

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) 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. 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 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) Survey of Rock and Roll which 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.

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.*

NCS 401. Capstone in Civic and Regional Development. (3) Focuses on the production of a senior project in collaboration with an appropriate community partner. As part of the Miami Plan, it emphasizes sharing of ideas, synthesis, and critical, informed action and reflection, and includes student initiative in defining and investigating problems or projects. Culminates in a public presentation for community and university members.

NSG 305. Cultural Perspectives in Healthcare. (3) Provides students with the opportunity to explore the culture to two tribal communities in northeast Oklahoma and their historical and contemporary practices related to health. Through immersion in these communities, students will collaborate with tribal representatives to provide care that is holistic in nature, culturally congruent, and based upon the evidence. Students will work with tribal representatives to assess the health needs of the members and develop, implement, and evaluate interventions specific to the cultural health needs of this diverse population. *Prerequisite: 3 credit social science course.*

NSG 430. Nursing Care of Aggregates: Families and Communities. (4) Integrates concepts and skills from nursing, physical and behavioral sciences, and humanities while focusing on independent and interdependent roles of the nurse in providing health promotion and disease prevention to the community as a client. Practicum hour provides opportunity to apply and synthesize concepts by engaging with individuals, families, and various community agencies or institutions. *Prerequisite or co-requisite: MBI 36L.*

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 106. Thought and Culture of India. (3) Examines India's history and civilization, philosophies and religions, arts and literature, science and technology as a culture's self-understanding and self-expression of its ideas, values, and ways of thinking. Comparisons made between Indian and other ways of thought and modes of living.

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: math sub-score of 26 or greater on the ACT, 600 or greater on the SAT, or credit for MTH 125, or equivalent.*

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 with a grade of C or better. Co-requisite: MTH 151 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 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/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.*

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. American Religious Encounters. (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 of 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/AAA/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. Russian Literature from Pushkin to Dostoevsky in English Translation. (3) Examines works by Pushkin, Lermontov, Gogol, Turgenev, and Dostoevsky and a number of critical essays representative of a variety of viewpoints. Uses interdisciplinary approach which takes into account social, historical, political, religious, as well as literary factors.

RUS/ENG 256. Russian Literature in English Translation; From Tolstoy to Nabokov. (3) Treatment of selected works of Russian literature (realism, modernism, postmodernism) with special attention to Tolstoy, Chekhov, Bunin, Sologub, Bulgakov, Babel and Nabokov. Cross-listed with ENG.

RUS 257/ENG 267. Russian Literature in English Translation: From Pasternak to the Present. (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. Offered infrequently.

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.

SJS/SOC/GIC 487. Globalization, Social Justice and Human Rights. (3) This course explores the theories, issues, debates, and pedagogy associated with globalization, social justice, and human rights. The course provides students with a unique opportunity to explore these topics within the classroom and, via internet and other technologies, across classrooms located around the globe. The student, through collaborative projects with peers around the world, will reflect upon how globalization shapes and transforms local communities and national cultures. *Prerequisites: SOC 151 or 152 or 165.*

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.*

SOC/GIC 421. Critical Race and Post-Colonial Studies. (3) Utilizes critical sociology (intersectionality, critical race, and post-colonial theory) to investigate how race and social structures interact over time both within the U.S. and globally. Specifically the course examines the theories, research and policy associated with intersectional identities of race, class, gender, place and context. Finally, it investigates the role of intersectionality in (re)producing systems of inequality, privilege, and how they can be transformed. *Prerequisites: BWS 151, GIC 101, SJS 165 or SOC 151.*

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) Provides a comprehensive orientation to the Deaf and hard-of-hearing communities in continents around the globe. Students will learn the basic vocabulary and grammar of American Sign Language. Consideration will also be given to sign systems in Europe and the U.S. The students will be introduced to the sociolinguistic aspects of educational, political and environmental impacts on Deaf culture, identity, and language.

SPN 292. Language and the Latin American Diaspora.

(3) This is a course on the sociolinguistic manifestations of the Latin American diaspora, with concentration on the US and Spain as two parallel but not equal migratory contexts. Students will study the historic causes and social consequences of linguistic phenomena such as social bilingualism, language contact, language policy, and language in the mass media. Class work emphasizes the discursive analysis of original oral and written texts from immigrant communities and host societies. Taught in translation.

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, appropriate placement exam score, or appropriate AP score.*

STA 261. Statistics. (4) Descriptive statistics, basic probability, random variables, binomial and normal probability distributions, tests of hypotheses, regression and correlation, analysis of variance. Emphasis on applications. Credit not normally given for more than one of these: ISA 205, STA 261, STA 301, STA 368.

STC 134. Introduction to Speech Communication.

(3) Introduction to major theories and issues of communication, with emphasis on how communication functions in a variety of contexts. Credit not granted to students who have earned credit in MAC 136.

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.

STC 281. Mediated Sexualities: Lesbians, Gays, Bisexuals, and Transgendered Persons and the Electronic Media. (3)

Examines both the treatment of gay, lesbian, bisexual, and transgendered persons by the mass media and the voices of the gay, lesbian, bisexual, and transgendered persons as producers of media messages and as activists who influence media messages. The Kinsey Report, the Stonewall Riots, and the AIDS epidemic serve as major culture milestones for tracing the evolving portrayals of diverse sexualities.

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)

An interdisciplinary introduction to the scholarly field of GLBT (Gay, Lesbian, Bisexual, Transgender) Studies. While it is impossible to be exhaustive in one semester, the course aims to give students a solid intellectual foundation for the further study of the social, legal, and cultural forces that shape the experiences, expression, and representation of non-normative genders and sexualities. Our inquiries will reflect the importance of thinking intersectionally—acknowledging that cultural categories such as race, class, nation, ethnicity, gender, and sexual orientation operate in complex and interlocking ways within diverse social and economic networks of power.

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.

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.*

BEGINNING YOUR ACADEMIC PLAN

Key Tips

- Seek a balance in your schedule. Select a combination of courses that meet different needs and promote 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. Students pursuing most majors 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. So 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, check with your advisor at summer orientation to see where those credits may fit.
6. If you are in a living-learning community that includes courses (called courses in common), those will be automatically added to your schedule.
7. Follow this scheduling order when completing the worksheet: Enter courses required for your major, then courses that you are most interested in taking and that will fulfill the Global Miami Plan, 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 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 Course (ONL).

SPRING SEMESTER COURSES

Time	Course Abbreviation	Course Name	Credit Hours



Weekly Class & Study Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00 AM							
8:15 AM							
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Information about Divisions & Suggested First-Year Schedules

The divisional requirement in the College of Arts and Science is 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.), you must fulfill only CAS-A (foreign language), but the B.S. requires more hours within your 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, Greek (ancient), Hebrew, Italian, Japanese, Korean, Latin, Portuguese, Russian, and Spanish.

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

- By passing the 202 course (or its equivalent in a program abroad), or a language course at the 300 level or above that has 202 as a pre-requisite; courses in English translation **cannot** apply to this requirement.
- By earning credit through a foreign language examination (Advanced Placement or College Level Examination Program) with an appropriate score. Information on acceptable scores is included in the Academic Planning chapter of this Bulletin.
- 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 divisional 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.

GRK 202 or 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. Placement tests are a diagnostic tool and **do not** award academic credit.

CAS-B HUMANITIES

Liberal education students become familiar with and understand human values as they are expressed in societies and cultures. They know events and ideas that help form ideals, classical and contemporary literature that expresses beliefs, and religious and philosophical principles that stand behind actions. They are cognizant of processes whereby these values and works came into being, of methods by which they may be examined, and of needs and desires they express and fulfill.

Requirement:

- Nine semester hours total

- Six 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, and East Asian Languages; and Spanish and Portuguese and Theatre.
- The remaining three hours may be taken from the categories listed above, or from a list of courses that do not fulfill a specific sub-category.

CAS-C SOCIAL SCIENCE

Through the systematic study of human behavior, human institutions, and theoretical models through which human beings attempt to organize their lives, liberally educated students become familiar with: regularities and variations in human behavior, explanations of these regularities and variations, methods useful in systematically and objectively validating propositions concerning these phenomena, and the potential for analyzing human behavior objectively.

Requirement:

- Nine semester hours total
- Six hours must be from two different sub-categories: anthropology, economics, geography, political science, psychology, and sociology/gerontology.
- Social Science courses include all courses from the departments of Anthropology; Economics; Geography (except GEO 121, 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 categories listed above or from a list of courses that do not fulfill a specific sub-category.

CAS-D NATURAL SCIENCE

Liberally educated students learn to understand natural phenomena through observations and experimentation. Physical sciences are involved largely with the behavior of energy, particles, atoms, and molecules. Biological sciences are concerned with nature, variation, richness, and interactions of phenomena of life. The natural science 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 and 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 for you to take

CAS-E FORMAL REASONING

Liberally educated students enhance their capacity to reason through the study in inductive and deductive thinking. Disciplines that employ formalized languages as the means to develop such thinking include mathematics, statistics, logic, and linguistics. Unlike the Miami Plan, 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 sub-scores; please consult the mathematics and statistics placement guide in the Academic Planning chapter or an academic advisor, to determine the appropriate course for you to take.
- Many majors either require or strongly suggestion a specific course for this requirement

CAS-QL QUANTITATIVE LITERACY

Liberally educated students learn the “habit of mind” associated with reasoning and solving quantitative problems from a wide array of authentic contexts and everyday life situations.

Requirement:

- Three semester hours, designated as CAS-QL
- A student **cannot** take a course for both this requirement and the Global Miami Plan Foundation V or CAS-E requirements; however, the same course can be applied to other Global Miami Plan Foundation areas or CAS requirements **and** the CAS-QL.

CAS-W WRITING COMPETENCE

Liberally educated students develop advanced writing abilities in their majors. Students learn the writing practices and conventions of their discipline or interdisciplinary area and communicate the results of research in their area to a general public.

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.

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 Planning Your Schedule section of this Guidebook.
- While many Global Miami Plan courses do overlap with the CAS requirement, 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 toward the Global Miami Plan or the College Requirement.

Pre-Professional Programs

PRE-DENTISTRY

Most pre-dental students at Miami plan to receive the A.B. degree, majoring in chemistry, microbiology, or zoology. However, you may choose any major as long as the basic required courses are included in the program. The **General Bulletin** will give you details of this.

PRE-LAW

Law schools require no specific courses or majors for admission. However, you should choose courses that will develop your skills in communication, sophisticated reading, research, and writing. Certain courses in literature, philosophy, logic and mathematics, the humanities, and the social sciences help develop these skills. Also, basic courses in accountancy, government, and American national traditions and history are desirable. Students should connect early with the Sue J. Henry Center for Pre-Law Education in 159 Upham Hall (513-529-0877), if they are interested in a future in law.

PRE-MEDICINE

The choice of departmental major for pre-med is yours and is not specified by any medical school. Many students major in biology, chemistry, microbiology, psychology or zoology, but most medical schools allow for students with a wide variety of undergraduate programs, as long as they meet the basic science requirements. Students may also complete the premedical studies co-major, which includes all of the basic science requirements. See a description of this co-major later in this Guidebook.

The official handbook, **Medical School Admission Requirements**, is available in the Science Library. More information is also 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 they offer.

First-Year Schedules by Division

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.

AMERICAN STUDIES (A.B.)

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

First-Year Schedule

Fall semester:

AMS 205 Introduction to American Cultures (3) MP **or** AMS 207 America: Global and Intercultural Perspectives (3) MP

Foreign language (3-4) CAS-A

ENG 111 Composition and Rhetoric (3) MP

Two of:

WGS 201 Introduction to Women’s Studies (3) **or** BWS 151 Introduction to Black World Studies (4) MP **or** Other MP/CAS course (3)

ENG 275 or 276 Life and Thought in American Literature (3) MP **or**

HST 111/112 Survey of American History (3) MP **or** HST 212 United States History since 1945 (3) **or** POL 241 American Political System (3) MP

Spring semester:

AMS 206 Approaches to American Culture CAS-W MP (3)

Foreign language (3-4) CAS-A

ATH 185 Cultural Diversity of the U.S. (3) MP **or** Other MP/CAS course (3)

GEO 219 Geography of the United States and Canada (3) **or** POL 142 American Politics and Diversity (3) MP **or** REL 101 American Religious

Encounters (3) MP **or** SOC 153 Sociology in a Global Context (3) MP

Natural science (3-4) 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 and analytics 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: account executive, cultural resource manager, civil rights activist, English language instructor, lawyer, marketing director, medical researcher, museum curator, paramedic, registered nurse, sales manager

First-Year Schedule

Fall semester:**Take any combination of two of the following four ATH courses in the fall:**

ATH 212 Introduction to Archaeological Theory and Methods (4) **or** ATH 231 Foundations of Cultural Anthropology (4) **or** ATH 255 Foundations of Biological Anthropology (4) **or** ATH 265 Introduction to Linguistic Anthropology (4)
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 **and/or** Natural science (3-4) MP

Spring semester:**Take the remaining two ATH courses not taken in the fall:**

ATH 212 Introduction to Archaeological Theory and Methods (4) **or** ATH 231 Foundations of Cultural Anthropology (4) **or** ATH 255 Foundations of Biological Anthropology (4) **or** ATH 265 Introduction to Linguistic Anthropology (4)
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 **and/or** Natural science (3-4) MP

BIOCHEMISTRY (A.B., B.S.)

Potential Career Paths: nutrition analyst, biomedical engineer, biochemist, histopathologist, molecular biologist, toxicologist, physician, radiation health specialist, enzymologist, in addition to advanced study in the field

First-Year Schedule**Fall semester:**

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

Spring semester:

BIO 116 Biological Concepts (4) MP strongly recommended
CHM 142 or 142M or 142H College Chemistry (3) and
CHM 145M or 145 College Chemistry Laboratory (2)
ENG 111 Composition and Rhetoric (3) MP or Humanities, creative arts or social science (3-4) MP or Foreign language (3-4) CAS-A
MTH 251 Calculus II (4)

BIOLOGICAL 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

First-Year Schedule**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, health care 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.

First-Year Schedule**Fall semester:**

BIO 115 Biological Concepts (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 116 Biological Concepts (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

BLACK WORLD STUDIES (A.B.)

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

First-Year Schedule**Fall semester:**

BWS 151 Introduction to Black World Studies (4) MP **or** BWS 156 Introduction to Africa (4) MP (if not taken in the fall)

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

Elective

Spring semester:

BWS 151 Introduction to Black World Studies (4) MP **or** BWS 156 Introduction to Africa (4) MP (if not taken in the fall)

ENG 111 Composition and Rhetoric (3) MP (if not taken in the fall)

HST 111 **or** 112 American History (3) MP

SOC 153 Sociology in a Global Context (3) MP **or** POL 142 American Politics and Diversity (3) MP **or** ATH 155 Introduction to Anthropology (4) MP **or** ATH 175 Peoples of the World (3) MP

Foreign language (3-4) CAS-A

Natural science (3-4) MP

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.

First-Year Schedule

Fall semester:

BIO 115 Biological Concepts (4) MP **or** BIO 191 Plant Biology (4) MP
BIO 147 Introductory Seminar (1)
CHM 141, CHM 144 M 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 116 Biological Concepts (4) MP **or** Other Natural Science (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: product safety engineer, patent law specialist, biomedical engineer, industrial hygienist, environmental analyst, serologist, polymer chemist, in addition to gaining admission into graduate and professional schools

First-Year Schedule

Fall semester:

CHM 141 or 141H College Chemistry (3) MP and CHM 144M or 144 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 (5) 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 145M or 145 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 HUMANITIES (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.

First-Year Schedule

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

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

Natural science (3-4) MP

Social science (3-4) MP

CLASSICAL LANGUAGES (A.B.)

Potential Career Paths: journalism, library science, publishing, pharmaceutical sales. Latin facilitates proficiency in any European language enabling the pursuit of positions in international business and diplomacy.

First-Year Schedule

Placement into Latin course is determined by the placement exam

Fall semester:

LAT course (3-4) and/or GRK 101 Beginning Greek (4) CAS-A

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

CLS 102 Roman Civilization (3) MP **or** CLS 121 Classical Mythology (3) MP

Natural science (3-4) MP

Social science (3-4)

Spring semester:

LAT course (3-4) and/or GRK 102 Beginning Greek (4) CAS-A

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

CLS 102 Roman Civilization (3) MP **or** CLS 121 Classical Mythology (3) MP

Natural science (3-4) MP

Social science (3-4) MP

COMPARATIVE MEDIA STUDIES CO-MAJOR

To complete the comparative media studies co-major, you must also complete the requirements for a primary major. Students may select any major as the primary major. The co-major is intended to supplement the first major by adding a media concentration. 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:

CMS 101 The Smartphone and Society (3) MP

MAC 143 Introduction to Media (3) MP

CRITICAL AND CLASSICAL LANGUAGES AND CULTURES CO-MAJOR

Students are increasingly electing to study more than one foreign language and, quite frequently, combine a Western language with a non-Western one. This co-major is designed to help students structure language course selections so that they can acquire significant competence in both of the languages, even if it does not delve as deeply into either language as a major otherwise would. 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.

First-Year Schedule

Fall semester:

ENG 111 Composition and Rhetoric (3) MP **or** Other MP/CAS course (3)
Language 1 101 (4) (or upper-level language course, depending on placement)
Language 2 101 (4) (or upper-level language course, depending on placement)
Humanities or creative arts (3) MP
Natural science (3-4) MP

Spring semester:

ENG 111 Composition and Literature (3) MP **or** Other MP/CAS course (3)
Language 1 102 (4) (or upper-level language course, depending on placement)
Language 2 102 (4) (or upper-level language course, depending on placement)
Humanities or creative arts (3) MP
Natural science (3-4) MP

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

First-Year Schedule

Fall semester:

MTH/STA 147 First Year Seminar in Mathematics and Statistics (1)
MTH 151 Calculus I (5) MP) or MTH 251 Calculus II (4) or MTH 249 Calculus II (5) MP or 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.)
CSE 174 (3) Fundamentals of Programming and Problem Solving.
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

Spring semester:

MTH 251 Calculus II (4) or MTH 252 (or 252H) Calculus III (4) if MTH 249 (or) taken fall semester.
MTH 222 Introduction to Linear Algebra (3) if credit for Calc II has been earned
STA 401 Probability (3). If currently enrolled in Calc. II or if credit for Calc. II has already been earned and credit for STA 301 (or STA 261) has already been earned.
ENG 111 Composition and Rhetoric (3) MP or Continue MP course work
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.

First-Year Schedule

Fall semester:

ENG 111 Composition and Rhetoric (3) MP or Other MP/CAS course (3)
POL 221W Modern World Governments (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 Modern World Governments (3) or POL 271 World Politics (3)
Humanities or creative arts (3) MP
Foreign language (3-4) CAS-A
Formal reasoning (3-4) CAS-E

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 departments, as well as schools and universities, a wide array of both small and large corporations, legal practices, non-profit organizations, and even the news media.

First-Year Schedule

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 or social science (3) 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

Spring semester:

ENG 111 Composition and Rhetoric (3) or Other MP/CAS course (3)
GLG 204 Survival on an Evolving Planet (4)
Foreign language (3-4) CAS-A
Humanities or Social Science (3) MP

Note: Students are also encouraged to complete CHM 141 and 144 or GLG 211 and MTH 151 or STA 261 or 301 and PHY 161 or PHY 191 or GLG 261 sometime in the first two years.

EAST ASIAN LANGUAGES AND CULTURES (A.B.)

Potential Career Paths: computer software industry, commercial airline industry, military, education, publishing, in addition to advanced study in the field

First-Year Schedule

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)

Humanities or creative arts (3) MP

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)

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 (3-4) 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

First-Year Schedule

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

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) **or** ISA 245 Database Systems and Data Warehousing (3)

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, as well as advanced study in the field

First-Year Schedule**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

ENGLISH (A.B.) (CREATIVE WRITING)

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

First-Year Schedule**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)

First-Year Schedule

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.

First-Year Schedule

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

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

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

First-Year Schedule

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

Note: Students are also encouraged to complete CHM 141 and 144 or GLG 211 and MTH 151 or STA 261 or 301 and PHY 161 or PHY 191 or GLG 261 and BIO 115 or 121 or 131 or 176 or 191 or 209 sometime in the first two years.

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:

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

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

CHM 111, 111L Chemistry in Modern Society and Laboratory (3, 1) MP **or** 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)

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

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 Media and Culture. 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)

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.

First-Year Schedule

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

Humanities or creative arts (3) MP

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)

FRE 302 Pre-Revolutionary Literature and Life (3) **or** FRE 303 Modern and Contemporary Literature and Life (3) **or** FRE 310 Texts in Context (3) **or** lower level French course (depending on placement) CAS-A

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

GEOGRAPHY AND SUSTAINABLE DEVELOPMENT (A.B.)

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

First-Year Schedule

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

and/or

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

and/or

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 (A.B. OR 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

First-Year Schedule

Fall semester:

GLG 147 Introductory Seminar to Geology, Earth Science and Environmental Earth Science (1)

CHM 141, 144 College Chemistry and Laboratory (3, 2) MP

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

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

Humanities, creative arts or social 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)

GLG 204 Survival on an Evolving Planet (4)

Natural science (3-4) MP

Humanities, creative arts or social science (3-4) MP

Foreign language (3-4) CAS-A

Note: Students are also encouraged to complete CHM 141 and 144, MTH 151 or STA 261, and PHY 161 or PHY 191 sometime in the first two years.

GERMAN (A.B.)

Potential Career Paths: industry sales assistant, marketing specialist, banker, public health worker, commercial attaché, foreign service diplomat, international relations consultant, along with careers in journalism, communication, business, tourism, and government service

First-Year Schedule

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

GERONTOLOGY (A.B.)

Potential Career Paths: Graduates who are employed in applied settings: direct, plan, implement and evaluate services; develop policy; administer programs; and conduct research. Gerontology graduates work in social service, community, and government agencies; in advocacy and research organizations; in business/industry; and in various housing and care settings.

First-Year Schedule

Fall semester:

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

GTY 154 Big Ideas in Aging (3) MP **or** other social science (3-4) MP

Humanities, creative arts (3) MP

Natural science (3-5) MP

Foreign language (3-4) CAS-A

Spring semester:

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

GTY 154 Big Ideas in Aging (3) MP **or** Other social science (3-4) MP

Humanities or creative arts (3) MP

Natural science (3-5) MP

Foreign language (3-4) CAS-A

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:

AAA 201 Introduction to Asian/Asian American Studies (3) MP or AAA 207 Asia and Globalization (3) MP

BWS 151 Introduction to Black World Studies (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):

AAA 201 Introduction to Asian/Asian American Studies (3) MP or AAA 207 Asia and Globalization (3) MP

BWS 151 Introduction to Black World Studies (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, historical program coordinator, museum curator, research analyst, journalist, librarian

First-Year Schedule

Note: Only three hours of history survey courses (HST 111, 112, 121, 122, 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:

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: Potential career paths include positions in environmental education, journalism, and social services, and, following graduate study, careers in the law, health professions, and academia.

First-Year Schedule

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 course to take)

Foreign language (3-4) CAS-A

Natural science (3-4) MP

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 to explore interests / potential path of Individualized coursework or MP/CAS course (3)

INTERNATIONAL STUDIES (A.B.)

Potential Career Paths: immigration inspector, 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).

First-Year Schedule

Fall 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

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)

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.

First-Year Schedule

Fall semester:

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

ITL 221 Italy, Matrix of Civilization (3) MP **and/or** ITL 101 Beginner's Course (4) **or** ITL 201 Second Year Italian (3) (depending on placement)

Humanities or creative arts (3) MP

Natural science (3-4) MP

Spring semester:

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)

ITL 102 Beginner's Course (4) **or** ITL 202 Second Year Italian (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/multimedia producer for newspaper, magazine, TV, radio or web media organization; copyright specialist; press secretary; research analyst; freelance writer; copywriter for corporate or non-profit sector.

First-Year Schedule

Fall semester:

MAC 143 Introduction to Media (3) MP **or** JRN 101 Introduction to Journalism (3) MP

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:

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

JRN 101 Introduction to Journalism (3) **or** MAC 143 Introduction to Media (3) MP

JRN 102 Precision Language (3) **or** JRN 201 News Reporting & Writing I (3)

Foreign language (3-4) CAS-A

Humanities, creative arts or social science (3-4) MP

Natural science (3-4) MP

Note: Journalism students are required to earn a second major outside the Department of Media, Journalism and Film.

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

First-Year Schedule

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

First-Year Schedule

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 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

First-Year Schedule

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

Fall semester:

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

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

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

See placement guide in Chapter 5 for appropriate course. Students with AP credit for BC Calculus should consult with a MTH advisor about the next appropriate MTH/STA course. Students in the Honors program 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.

Foreign language (3-4) CAS-A

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

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)

Spring semester:

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

MTH 251 Calculus II (4) **or** MTH 252 (or 252H) Calculus III (4) if MTH 249 taken fall semester. Consult with a MTH/STA advisor about additional possibilities, such as MTH 222 or STA 301.

Foreign language (3-4) CAS-A

Continue MP course work (6)

MEDIA AND CULTURE (A.B.)

Potential Career Paths: sales representative, 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.

First-Year Schedule

Fall semester:

MAC 143 Introduction to Media (3) MP

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

Spring semester:

MAC 146 Media Aesthetics (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

Note: Media and Culture students are required to earn a second major outside the Department of Media, Journalism and Film.

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.

First-Year Schedule

Administered by the microbiology department, this degree is available as a combined program. See the **General Bulletin** for program details.

Fall semester:

CHM 141, 144 College Chemistry and Laboratory (3, 2) MP

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

MBI 115 Biological Concepts (4) MP

MBI 147 Microbiology Introductory Seminar (1)

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

Spring semester:

CHM 142, 145 College Chemistry and Laboratory (3, 2)

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

MBI 116 Biological Concepts (4) MP

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

First-Year Schedule

Fall semester:

CHM 141, 144 College Chemistry and Laboratory (3, 2) MP

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

MBI 115 Biological Concepts (4) MP **or** MBI 121, 123 The Microbial World and Experimenting with Microbes (3, 1) MP

MBI 147 Microbiology Introductory Seminar (1)

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

Spring semester:

CHM 142, 145 College Chemistry and Laboratory (3, 2)

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

MBI 116 Biological Concepts (4) MP

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 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** 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.

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, education, administration, business, social work, public service, the military, public relations, library work, publishing, and systems analysis

First-Year Schedule

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 106 Thought and Culture of India (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 360 Confronting Death (4)

PHYSICS (A.B., B.S.)

Potential Career Paths: astrophysicist, nuclear physicist, systems analyst, applications programmer, geophysical surveyor, laser technician, as well as advanced study in the field

First-Year Schedule

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

First-Year Schedule

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

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.

Courses recommended during the first year:

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 Medicine (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

First-Year Schedule

Fall semester:

PSY 111 Introduction to Psychology **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

Humanities **or** creative arts (3) MP

Natural science (preferably a biological science) (3-4) MP

Foreign language (3-4) CAS-A

Note: IF you have AP credit for PSY 111 Introduction to Psychology, take PSY 112 Foundational Experiences in Psychology (1)

Spring semester:

ENG 111 Composition and Rhetoric (3) MP **or** Humanities or Creative Arts (3) MP

PSY 111 Introduction to Psychology (4) MP **and** PSY 112 Foundational Experiences in Psychology (1)

PSY 293 Research Design and Analysis in Psychology I (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.

First-Year Schedule

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; disaster preparedness; consultant for pharmaceutical brands, healthcare organizations or insurance companies; non-profit specializing in a specific population (e.g. minorities, veterans, or mothers)

First-Year Schedule

Human Disease and Epidemiology Concentration:

Fall semester:

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

MBI 147 Introductory Seminar (1)

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

STA 261 Introduction to Statistics (4) 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: social service, teaching, community development, museum or archival work, public relations, foreign service, counseling

First-Year Schedule

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, 276 (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, 276 (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: special concerns 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.

First-Year Schedule

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 STUDIES (A.B.)

Potential Career Paths: community organizer, public policy analyst, conflict resolution specialist, political campaigner, mediator, 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.

First-Year Schedule

Fall semester:

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

SOC 165 Introduction to Social Justice Studies (3) MP

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: leadership recruiter, attorney, police officer, literary agent, probation officer, public relations manager as well as careers in business and industry in such areas as employment counseling, market research, program planning, rehabilitation counseling, personnel management, labor relations, human services, and health planning.

First-Year Schedule

Fall semester:

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

SOC 151 Social Relations (4) MP **or** SOC 153 Sociology in a Global Context (3) MP

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)

Humanities or creative arts (3) MP

Natural science (3-4) MP

Foreign language (3-4) CAS-A

Social science (3-4) MP

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 focus on Spanish population in the US or abroad), BUSINESS (customer support, international firms and banks, export firms, travel and entertainment industry)

First-Year Schedule

Fall semester:

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

SPN 311 Grammar Review and Introductory Composition (3) **or** lower-level Spanish course depending on placement

Natural science (3-4) MP and/or social 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) **or** lower-level Spanish course depending on placement

SPN 315 Introduction to Hispanic Literature (3) **or** lower-level Spanish course depending on placement

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

Additional Miami Plan courses (6)

Note: Some students will wait until their second year to take more than one Spanish course in a single semester.

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.

First-Year Schedule

Fall semester:

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

BIO 161 Principles of Human Physiology (4) MP

SPA 127 Introduction to Communication Disorders (3) MP (may be taken in the spring semester) **or** Other MP/CAS course (3)

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

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

FSW 261 Child Development (3) **or** an elective **or** Other MP/CAS course (3)

PHY 131 Physics for Music (3) MP **or** PHY 101 Physics and Society (3) MP

Foreign language (3-4) CAS-A

STRATEGIC COMMUNICATION (A.B.)

Potential Career Paths: research analyst, customer service representative, corporate communication director, public relations marketing specialist, public information officer, as well as advanced study in communication and related disciplines, including law school

First-Year Schedule

Fall semester:

MAC 143 Introduction to Media (3) MP and/or STC 135 Public Expression and Critical Inquiry (3) and/or STC 259 Introduction to Strategic Communication (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:

MAC 143 Introduction to Media (3) MP **and/or** STC 135 Public Expression and Critical Inquiry (3) **and/or** MAC 146 Media Aesthetics (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

Note: Strategic communication students are required to earn a second major outside the Department of Media, Journalism and Film.

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
 ARC 188 Ideas in Architecture (3) MP **or** ATH 175 Peoples of the World (3) MP **or** GEO 101 Global Forces, Local Diversity (3) MP **or** ECO 131
 Economic Perspectives on Inequality in America (3) **or** ECO 201 Microeconomics (3) MP **or** POL 261 Public Administration (3)

UNIVERSITY STUDIES**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: University studies students should choose courses for the MP that might be a potential major area.

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

First-Year Schedule**Fall semester:**

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

2-3 of these (to equal 14-16 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** 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)
Foreign language (3-4) CAS-A

2-3 of these (not taken in fall semester, to equal 14-16 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** 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.

First-Year Schedule

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).

First-Year Schedule

Fall semester:

BIO 115 Biological Concepts (4) MP

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 116 Biological Concepts (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

Assistant Dean: Gretchen Radler, 103 CPA, 513-529-2209

Audition/Portfolio Requirement

All prospective students (except those applying to Art and Architecture History or Interactive Media Studies) must submit a portfolio 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 a student to strengthen her/his 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.

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 105 Technical Drawing (1.5)
- ART 111 Design and Composition (3)
- ART 121 Observational Drawing (3)
- ART 151 Pre-Communication Design (1)
- 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)* **or** ART 121 Observational Drawing (3)

Art foundation courses (choose two):

ART 102 Color Theory and Practice (1.5)

ART 103 Creative Practices in New Technology (1.5)

ART 104 Problem Solving (1.5)

ART 105 Technical Drawing (1.5)

Additional course for Art Education:

ART 195 Introduction to Art Education (3) MP

ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP

ART 281 Contemporary Art Forum (1)

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation courses (3-6)

Spring semester suggested coursework:

ART 111 Design and Composition (3)* **or** ART 121 Observational Drawing (3)

Art foundation courses (choose two):

ART 102 Color Theory and Practice (1.5)

ART 103 Creative Practices in New Technology (1.5)

ART 104 Problem Solving (1.5)

ART 105 Technical Drawing (1.5)

Additional course for Communication Design:

ART 151 Pre-Communication Design (1)

ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (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.

ARCHITECTURE OR INTERIOR DESIGN *(prospective majors)***Fall semester suggested coursework:**

Coursework to help build portfolio:

ARC 105 Introduction to Architecture (3)

ART 111 Design and Composition (3)* **or** ART 121 Observational Drawing (3)

ARC 113 Graphic Media I (2)

ART 140, 147, 149, 155, 160, or 165 (1.5) (Beginning studio courses)

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)

* This course has special computer requirements; consult an art advisor.

Spring semester suggested coursework:

ARC 107 Global Design (3) MP **or** ARC 188 Ideas in Architecture (3) MP

ARC 114 Graphic Media II (2) *if completed ARC 113 in fall*

ARC 212 Principles of Environmental Systems (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)

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 courses (9-12)

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 (1.5)

ARC 113 Graphic Media I (2)

Suggested courses:

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

Miami Plan Foundation courses (5-7)

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 courses (4-6)

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

First-Year Schedule

Fall semester:

Required courses:

ART 102 Color Theory (1.5)

ART 103 Creative Technology (1.5)

ART 121 Observational Drawing (3)

ART 188 History of Western Art: Renaissance-Modern (3) MP** **or**

ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 162 Arts of Africa, Oceania, and Native America (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 MP course (3)

Miami Plan Foundation 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 111 Design and Composition (3)*

ART 188 History of Western Art: Renaissance-Modern (3) MP** **or**

ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 162 Arts of Africa, Oceania, and Native America (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 MP course (3)

Miami Plan Foundation course (3)

* 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 105 Technical Drawing (1.5)
- ART 111 Design and Composition (3)
- ART 121 Observational Drawing (3)
- ART 151 Pre-Communication Design (1)
- 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)

First-Year Schedule

Fall semester:

Required courses:

ART 102 Color Theory (1.5)

ART 103 Creative Technology (1.5)

ART 111 Design and Composition (3)*

ART 188 History of Western Art: Renaissance-Modern (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP

Suggested courses:

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

Miami Plan Foundation course (3-4)

Spring semester:

Required courses:

ART 104 Problem Solving (1.5)

ART 105 Technical Drawing (1.5)

ART 121 Observational Drawing (3)

ART 151 Pre-Communication Design (1)

ART 188 History of Western Art: Renaissance-Modern (3) MP **or** ART 187 History of Western Art: Prehistoric-Gothic (3) MP

ART 281 Contemporary Art Forum (1) (either fall or spring 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 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

First-Year Schedule

Fall semester:

Required courses:

ART 102 Color Theory (1.5)

ART 103 Creative Technology (1.5)

ART 121 Observational Drawing (3)

ART 195 Introduction to Art Education (3) MP

ART 187 History of Western Art: Prehistoric-Gothic (3) MPF **or** ART 188 History of Western Art: Renaissance-Modern (3) MPF

ART 281 Contemporary Art Forum (1)

Suggested courses:

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Spring semester:

Required courses:

ART 104 Problem Solving (1.5)

ART 105 Technical Drawing (1.5)

ART 106 Figure Drawing (1.5)

ART 111 Design and Composition (3)*

ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP

ART 281 Contemporary Art Forum (1)

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

First-Year Schedule

Fall semester:

ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP **or** ART 162 Africa, Oceania and Native America (3) MP

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Foreign language (3-4)

Miami Plan Foundation course (5-6)

Spring semester:

ART 187 History of Western Art: Prehistoric-Gothic (3) MP **or** ART 188 History of Western Art: Renaissance-Modern (3) MP **or** ART 162 Africa, Oceania and Native America (3) MP

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Foreign language (3-4)

Miami Plan Foundation course (3-6)

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.*

First-Year Schedule

Fall or Spring semester:

CCA 111 Innovation, Creativity and Design Thinking (3) MP

CCA 201 Introduction to Arts Management (3)

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

First-Year Schedule

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)

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. Key content includes an overview of the fashion industry, product making, design foundations, textile materials, historical context, fashion business, and opportunities to build skill in a cognate area, such as fashion design, jewelry design, or buying, planning, and forecasting. Opportunities exist for an applied international fashion experience and a study away in New York City. Seats are limited in the fashion 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.*

First-Year Schedule

Fall semester:

FAS 101 Introduction to the Fashion Industry (3)

Spring semester:

FAS 281 Contemporary Fashion History (3) **or** ART 189 History of Western Dress (3) MP **or** ART 233 Global Perspectives on Dress (3) MP

Submit application to the fashion program

Interactive Media Studies: Bachelor of Arts

The BA in Interactive Media Studies (IMS) 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 IMS 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 IMS major is competitive. Admission details can be found at <http://miamioh.edu/ccca/aims/admission>.

The BA in IMS 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 IMS, all of which is tied together in the capstone client-based consulting agency within IMS as well as the IMS Thesis class.

Students who wish to declare a major in Interactive Media Studies after enrolling at Miami must submit an application. Please visit 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

First-Year Schedule

Fall Semester:

IMS 101 Introduction to IMS (1)

IMS 222 Introduction to Interaction Design and Development (3)

IMS 254 Design Principles Applied (3)

IMS 259 Art and Digital Tools I (3)

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation courses (3-4)

Spring Semester:

IMS 211 Introduction to Game Studies (3) **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)

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

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. 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

First-Year Schedule

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)

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)

Miami Plan Foundation 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 (3)

MUS 140 Recital Attendance Requirement (0) +

MUS 144 Applied Study (3)

MUS 151 Aural Skills I (1)

MUS 160 Functional Piano I (1)

MUS 185 The Diverse Worlds of Music (3) **or** MUS 186 Global Popular Music (3) MPF (either fall or spring semester)

Music ensemble (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)

MUS 185 The Diverse Worlds of Music (3) MPF **or** MUS 186 Global Popular Music (3) MPF (either fall or spring semester)

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.

** See the **General Bulletin** for additional requirements, depending on the major instrument.

Voice Concentration

Fall semester:

Required courses:

MUS 101 Theory of Music (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)

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 (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.

First-Year Schedule

Choral/general music**Fall semester:****Required courses:**

MUS 101 Theory of Music (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)

MUS 185 The Diverse Worlds of Music (3) MPF **or** MUS 186 Global Popular Music (3) MPF (either fall or spring semester)

MUS 235 Lyric Diction (2)

Music ensemble (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) MPF **or** MUS 186 Global Popular Music (3) MPF (either fall or spring semester)

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 (3)

+ Must be taken for seven semesters.

INSTRUMENTAL MUSIC

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)

MUS 185 The Diverse Worlds of Music (3) MPF **or** MUS 186 Global Popular Music (3) MPF (either fall or spring semester)

Music ensemble (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) MPF **or** MUS 186 Global Popular Music (3) MPF (either fall or spring semester)

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: Applied Music, Music & 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:

MUS 101 Theory of Music I (3)

MUS 140 Recital Attendance Requirement (0) +

MUS 142 Applied Music (2) - *for students in the Applied Music track*

MUS 151 Aural Skills I (1)

MUS 160 Functional Piano I (1)

MUS 185 The Diverse Worlds of Music (3) or MUS 186 Global Popular Music (3) - *take either fall or spring semester*

Music ensemble (1) *

Foreign language: completion of 202 level, may be met by proficiency exam

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation course(s) (3-6)

Spring semester:

MUS 102 Theory of Music II (3)

MUS 140 Recital Attendance Requirement (0) +

MUS 142 Applied Music (2) - *for students in the Applied Music track*

MUS 152 Aural Skills II (1)

MUS 185 The Diverse Worlds of Music (3) or MUS 186 Global Popular Music (3) - *take either fall or spring semester*

MUS 161 Functional Piano II (1)

Music ensemble (1) *

Foreign language: completion of 202 level, may be met by proficiency exam

ENG 111 Composition and Rhetoric (3) MP **or** other MP course (3)

Miami Plan Foundation course(s) (3-6)

+ Must be taken for seven semesters.

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

First-Year Schedule

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.

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) and/or EDL 100 Career Development for the College Student (2)

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)

Teacher Licensure Programs:

- Early Childhood education – pre-K through grade 3
- 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 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 to Early Childhood and Middle Childhood programs

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 courses.

Students must apply for acceptance to their program toward the end of their first year. Application forms may be obtained from the Department of Teacher Education, 401 McGuffey Hall (513-529-6443). Criteria for admission is based on a minimum 2.75 GPA in at least 12 credit hours of Miami Plan courses taken for a grade *and* at least a 21 composite score on the ACT exam *or* an SAT score of 1060 (math + verbal). Students not meeting these criteria should work directly with the Teacher Education Coordinator of Advising to discuss alternative pathways for cohort admission. Students in AYA and Foreign Language majors are admitted directly into these programs.

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. Selection is limited for each cohort to ensure quality of instruction. Students must declare a pre-major in Special Education at the time of university admission or soon thereafter. After declaring a pre-major, students must apply to the cohort by **February 15 of their freshman year** or by **September 1 of their sophomore year**. Applications may be obtained from the Department of Educational Psychology, 201 McGuffey Hall.

Admission to the Inclusive Special Education program is limited to those who are eligible for admission to teacher preparation programs and have completed 15 semester hours with a grade point average of **2.75 or above** and completion of EDP 201 Human Development and Learning in Social and Educational Contexts as well as **100 hours of service experience with persons with exceptionalities** (this can be paid or volunteer work and may include junior and senior high school years). Write a one-page essay describing your current philosophy and interest in educating learners with exceptionalities.

Retention: There are retention checkpoints for each cohort at the time of registration for each instructional procedures course 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.

Technology Requirement: All teacher education programs will be infusing technology into their classes to assist teacher candidates in their preparation to teach in tomorrow's schools. All students seeking a degree in a teacher education program will be required to have a laptop computer when accepted into their teacher education cohort.

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 is 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 of the following concentrations for this major: Creativity, Innovation & Learning; Disability Studies & Education; Sexuality, Education and Society; Equity & Educational Change; or Critical Youth Studies.

Advising: Each EHS undergraduate student has been assigned an academic advisor in their major to help with professional and career advice. A department advisor can help 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

EARLY CHILDHOOD EDUCATION

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)

One of these: Miami Plan physical sciences:

EDT 181 Physical Science (4) MP

CHM 111, 111L Chemistry in Modern Society and Laboratory (3, 1)

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

GLG 111, 115L The Dynamic Earth and Understanding the Earth (Lab) (3, 1) MP

GLG 121, 115L Environmental Geology and Understanding the Earth (Lab) (3, 1) MP

GLG 141, 115L Geology of U.S. National Parks and Understanding the Earth (Lab) (3, 1) MP

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)

EDUCATION STUDIES**Fall Semester:**

EDL 224 Introduction to Education Policy (3)
EDL 203 Introduction to Critical Youth Studies (3)
Global Miami Plan Foundation courses and/or Education Studies electives (6-9 hrs)

Spring Semester:

EDL 312 Foundations of Education in Global Context (3)
EDL 204 Sociocultural Foundations to Education (3)
ENG 111 Composition and Rhetoric (#) MP
Global Miami Plan Foundation course and/or Education Studies electives (3-6 hrs.)

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 (5) 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 (5) 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 (5) 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 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:

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 (5) 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 (5) 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 or science courses (6-8)

Bachelor of Science in Kinesiology 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 2019-2020, students wishing to pursue athletic training should enroll in the Bachelor of Science in Kinesiology 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

Health Promotion and Behavioral Public Health tracks (focus areas) are located in the Department of Kinesiology and Health Public Health major. Human Disease & Epidemiology and Health Policy & Administration are located in the College of Arts and Science. Public Health major.

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
Exploring KNH Matrix course

Spring semester:

KNH 205 Understanding Drugs for the Health Promotion Professional (3) **or** KNH 218 Applied Health Behavior Change (3)
STA 261 Statistics (4)
ENG 111 Composition and Rhetoric (3) MP **or** other Global Miami Plan Foundation course (3)
Exploring KNH Matrix course

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)

Miami Plan Foundation course

Exploring KNH Matrix 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) MPOR **or** other Global Miami Plan Foundation course (3)

Exploring KNH Matrix course

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 courses

Exploring KNH Matrix course

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

Fall semester:

ENG 111 Composition and Rhetoric (3) MP **or** other Global Miami Plan Foundation course (3)

KNH 212 Sport Management (3)

Global Miami Plan Foundation course

Exploring KNH Matrix course

Spring semester:

KNH 272 Contemporary Perspectives on Leadership in Sport Contexts (3)

STA 261 Statistics (4)

ENG 111 Composition and Rhetoric (3) MP **or** other Global Miami Plan Foundation course (3)

Miami Plan Science (3-4)

Exploring KNH Matrix

Bachelor of Science in Family Science

FAMILY SCIENCE

Fall semester:

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

FSW 206 Social Welfare: Diverse Groups (3)

Global Miami Plan Foundation courses in Creative Arts or Physical Science (3-6)

Spring semester:

FSW 261 Diverse Family Systems across the Life Cycle (3)

FSW 245 Children & Families: Ages - Conception -12 (3)

Global Miami Plan Foundation course in Biological Science or Global Perspectives (3)

Global Miami Plan Foundation courses in Math/Formal Reasoning (3-4)

Bachelor of Science in Social Work

SOCIAL WORK

Fall semester:

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

FSW 201 Introduction to Social Work (3)

SOC 153 Sociology in a Global Context (3) MP

Global Miami Plan Foundation courses in Creative Arts, Humanities (6-9)

Spring semester:

PSY 111 Introduction to Psychology (3) and PSY 112 Foundation Experiences in Psychology (1) MP **or** EDP 101 Psychology of the Learner (3) MP

BIO 161 Principles of Human Physiology (4) MP

Global Miami Plan Foundation courses, in Physical Science (6-9)

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

CEC 101 Computing, Engineering, and Society (1)

Miami Plan or other elective (3) MP

ENG 111 Composition and Rhetoric (3) MP **or** Miami Plan or other elective (3)

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

Spring semester:

CHM 142, 145 College Chemistry and Laboratory (3, 2) **or** PHY 192 General Physics with Laboratory II (5) MP **or** Miami Plan electives (3, 3) Humanities or Social Science

CSE 102 Introduction to Computer Science and Software Engineering **or** ECE 102 Introduction to Electrical and Computer Engineering **or** CPB 102 Introduction to Chemical and Bioengineering **or** MME 102 Introduction to Mechanical and Manufacturing Engineering (3)

ENG 111 Composition and Rhetoric (3) MPF I or Miami Plan elective (3)

MTH 251 Calculus II (4)

Miami Plan or other elective (3) (optional)*

Check the mathematics placement guide in Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

During summer orientation/initial registration, faculty 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

BIOENGINEERING

This program is accredited by the Engineering Accreditation Commission of ABET (<http://www.abet.org/>).

Bioengineering is the application of biology, chemistry, mathematics, physics and engineering sciences such as transport phenomena, thermodynamics, imaging, and bioinformatics to design of medical equipment, diagnostic devices, and biocompatible materials. It is also related to biotechnology with applications in pharmaceutical and fermentation industries, and control of biological systems.

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 (5) 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 Bioengineering (3) **or** equivalent

PHY 191 General Physics with Laboratory I (5)

MTH 251 Calculus II (4)

* This is a very rigorous schedule and is recommended only for students with the appropriate preparation in math and science. Alternate schedules are available and should be discussed with your academic advisor, if you are not comfortable with the schedule above. Check the mathematics placement guide in Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

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 (5) **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 Bioengineering (3) **or** equivalent
PHY 191 General Physics with Laboratory I (5)
MTH 251 Calculus II (4)

* This is a very rigorous schedule and is recommended only for students with the appropriate preparation in math and science. Alternative schedules are available and should be discussed with your academic advisor. Check the mathematics placement guide in Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

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)
ENG 111 Composition and Rhetoric (3) MP **or** MP Biological Science course (3)
MTH 151 Calculus I (5) **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** MP Biological Science course (3)

* Check the mathematics placement guide in Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

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)
ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)
MTH 151 Calculus I (5) MP
Miami Plan or other 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** equivalent
ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)

* Check the mathematics placement guide in Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

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)
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 (5) **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) 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 Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

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)
ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)
MTH 151 Calculus I (5) **or** MTH 249 Calculus II (5)* MP
CSE 174 Fundamentals of Programming and Problem Solving (3) **or** Miami Plan or other 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 Introduction to Computer Science and Software Engineering **or** ECE 102 Introduction to Electrical and Computer Engineering **or** CPB 102 Introduction to Chemical and Bioengineering **or** MME 102 Introduction to Mechanical and Manufacturing Engineering (3)
MTH 251 Calculus II (4)

Miami Plan or other elective (3)

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

* Check the mathematics placement guide in Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

** If your concentration is manufacturing engineering or electronics and computing, taking physics is preferable; for environmental or paper science concentrations, taking chemistry is preferable.

GENERAL ENGINEERING

The general engineering major provides a rigorous introduction to the fundamentals of the engineering discipline within the context of Miami's strong liberal arts tradition. Designed for students interested in pursuing non-technical career paths, it emphasizes problem-solving skills and the role of engineering in modern society.

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)

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

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

Miami Plan or other 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 Introduction to Computer Science and Software Engineering **or** ECE 102 Introduction to Electrical and Computer Engineering **or** CPB

102 Introduction to Chemical and Bioengineering **or** MME 102 Introduction to Mechanical and Manufacturing Engineering (3)

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

MTH 251 Calculus II (4)

Miami Plan or other elective (3)

* Check the mathematics placement guide in Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

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)

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

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

PHY 191 General Physics with Laboratory I (5) MP

Miami Plan or other elective (3)

Spring semester:

MME 102 Introduction to Mechanical and Manufacturing 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** Other MP course (3)

Miami Plan or other elective (3)

* Check the mathematics placement guide in Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

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)
ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)
MTH 151 Calculus I (5) **or** MTH 249 Calculus II (5)* MP
PHY 191 General Physics with Laboratory I (5) MP
Miami Plan elective (3) Humanities **or** Social Science

Spring semester:

MME 102 Introduction to Mechanical and Manufacturing 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** Other MP course (3)
Miami Plan or other elective (3)

* Check the mathematics placement guide in Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

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, team work and professional practice are just some of the topics that are covered by the software Engineering major. You also select a specialization area from a broad range of topics such as interactive media studies, network centric systems, quality issues in contemporary business and industry, game and entertainment systems, and others.

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 **or** Other MP course (3)
MTH 151 Calculus I (5) MP
Miami Plan or other elective (3-6)

Spring semester:

CSE 102 Introduction to Computer Science and Software Engineering (3) **or** equivalent
CSE 271 Object-Oriented Programming (3)
MTH 231 Elements of Discrete Mathematics (3)
Math/Statistics Elective (3-4)
ENG 111 Composition and Rhetoric (3) MP **or** Other MP course (3)

* Check the mathematics placement guide in Planning Your Schedule section of this Guidebook and consult your advisor for appropriate course level. Students who take a prerequisite to MTH 151 will not hinder their academic progress.

Farmer School of Business

1022 FSB, 513-529-1712

Assistant Dean: Martha K. Kyger, 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.

Freshman Admission

Admission to the Farmer School of Business generally takes place upon entry as a first year student. The academic credentials required will 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 151 and ECO 201. For more information, please contact the FSB Student Services Office at (513) 529-1712 and visit the Farmer School website: <http://MiamiOH.edu/fsb/admission/current-student/admission/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 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 (MTH151 Calculus I), a communications requirement (BUS/ENG/STC 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. *Most FSB diversity courses satisfy the Miami Plan Foundation Intercultural Perspectives.*

When you register, keep these things in mind:

- Calculus I (MTH 151) or its equivalent is required of all business students. Your ACT Math score will determine placement into MTH 151 or a precalculus course. If you have questions, consult the math advisor during orientation or an advisor in the Department of Mathematics.

- 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 will 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 151 Calculus I (5) MP

CSE 148 Business Computing (3)

Natural Science (3-4) MP

BUS 106 (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 Introduction to the BQ Model of Business Decision-Making and Execution (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) and /or post-secondary 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 Hamilton and Miami Middletown are regional, community-based campuses of Miami University, a highly-regarded public university with a national reputation. Regional locations also include the Voice of America- Learning Center (VOALC) in West Chester and the Greentree Health Sciences Academy (GHSA) in Middletown.

The College of Liberal Arts & Applied Science is home to Miami's Regional Campuses' twelve academic departments. Since its formation, it has offered a flexible and affordable model of education to better 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 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. The advantages of online courses include flexibility, mobility, and accessibility. Keep in mind these courses can be very time-consuming and require discipline and good time management to complete.

Certificates

CUSTOMER SERVICE CERTIFICATE

The customer service certificate provides fundamental skills in customer service, personal interactions and computer applications for customer service representatives.

For information, contact the Department of Commerce at 106 University Hall, Hamilton Campus, 513-785-7706.

Courses

CMR 105 Introduction to Marketing (3)

CMR 181 Computers and Business (3)

CMR 261 Customer Service & Satisfaction (3)

CMR 282 Computer-Based Business Analysis (3)

CMR 301 Personal Organizational Skills (3)

Associate Degrees

COMMERCE: ASSOCIATE OF APPLIED BUSINESS

The Associate of Applied Business degree is available in four major areas: accounting, digital business systems, marketing management, and business management.

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

MPF III Global or MPF IV Natural Science (3-4)

CMR 101 Introduction to Accounting (3)

CMR 106 Introduction to Business and the Economy (3) MP

CMR 181 Computers and Business (3)

Spring Semester

EGS 215 Workplace Writing (3)

CMR 105 Introduction to Marketing (3)

CMR 207 Management Planning and Control. (3)

CMR 111 Introduction to Management I (3)

STA 261 Statistics (4) MP OR MTH 119 Quantitative Reasoning (4) MP

COMPUTER TECHNOLOGY: ASSOCIATE IN APPLIED SCIENCE

Potential Career Paths: computer programmers and system support personnel

Fall Semester

ENG 111 Composition and Rhetoric (3) MP

MPF IIA Creative Arts (3)

MTH 151 Calculus I (5) MP

CEC 101 Computing, Engineering and Society (1)

CSE 174 Fundamentals of Programming and Problem Solving (3)

Spring Semester

STC 135 Principles of Public Speaking (3) **or** STC 231 Small Group Communication (3)

MPF III Global Perspectives (3)

MTH 251 Calculus II (4)

CSE 271 Object Oriented Programming (3)

CSE/CIT 262 Technology, Ethics, and Global Society (3) MP

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

ENG 112 Composition and Literature (3) **or** ENG 215 Workplace Writing (3)

CIT 214 Database Design (3)

CSE 163 Introduction to Computer Concepts and Programming (3) MP

STA 261 Statistics (4) MP

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

MPF IIA Creative Arts (3)

CJS 101 Introduction to Criminal Justice Studies (3) MP

CJS 125 Law and the Courts (3)

POL 142 American Politics and Diversity (3) or BWS 151 Black World Studies (3) MP

Spring Semester

CJS 231 Law and Individual Rights (4)

STA 261 Statistics (4) MP

MPF III Global Course (3)

MPF IIB Humanities (3)

Elective (3)

**Curriculum changes in process at time of publication. Check with advisor for approved curriculum.*

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.

Suggested First Year Courses

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 (5) MP (course based on math placement)

Spring Semester

STC 135 Principles of Public Speaking (3)
CSE 153 Introduction to C/C++ Programming (3)
ENT 193 Circuit Analysis II (3)
ENT 196 Electronics (3)
PHY 161 Physics for the Life Sciences with Laboratory I (4) 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.

Suggested First Year Courses

Fall Semester

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)
PHY 161 Physics for the Life Sciences with Laboratory I (4) MP

Spring Semester

CSE 163 Introduction to Computer Concepts and Programming (3) MP
ENG 111 Composition and Rhetoric (3) MP
ENT 152 Computer-Aided Manufacturing I (3)
ENT 271 Mechanics I: Statics (3)
PHY 162 Physics for the Life Sciences with Laboratory I (4) 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 (CLAAS, 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: corporate or private care centers, preschools, or Head Start facilities as teachers, support personnel or administrators.

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

EDP 256 Psychology of Exceptional Learner (3)
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

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.

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)

MPF IIC Social Science (3)

GLG 115L Understanding the Earth (1) MP

APPLIED SOCIAL RESEARCH: BACHELOR OF ARTS IN APPLIED SOCIAL SCIENCE

Potential Career Paths: researchers and data analysts in business, marketing, and finance; education, healthcare, local and state government, program evaluation and consulting and social services. Market researcher, research data analyst, data scientist, social science research analyst, and human services analyst.

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 Natural Science (3)

Spring Semester

STA 261 Statistics (4) MP

BWS 151 (4) or ATH 175 (3) or GEO 101 (3) or POL 142 (4) or SOC 153 (3) or PSY 111 & 112 (4) MP

MPF III Global Perspective (3)

GMP Advanced Writing (3)

MPF IV Natural 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

MPF IIA Creative Arts (3)

STC 135 Principles Public Speaking (3)

MPF III Global Perspective (3)

MPF IV Natural Science (3-4)

Spring Semester

STA 261 Statistics (4) MP

MPF III Global Perspective (3)

STC 136 Introduction to Interpersonal Communication (3) MP

MPF IV Natural Science (3-4)

STC 239 Theories of Communication (3)

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)

MPF III Global Perspectives (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)

Spring Semester

Community Arts Foundation—ART 102, 103, 104, 105, 106, 111, 121, ENG 226, or THE 123 (3)

MPF IIB Humanities (3)

MPF III Global Perspectives (3)

MPF IV Natural Science (3-4)

MPF V Math, Formal Reasoning, Technology (3)

**Curriculum changes in process at time of publication. Check with advisor for approved curriculum.*

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

CJS 125 Law and the Courts (3)

MPF IV Natural Science (4)

MPF IIA Creative Arts (3)

Spring Semester

CJS 211 Law Enforcement (3)

CJS 281 Corrections (3)

STA 261 Statistics (4) MP

MPF III Global Perspectives (3)

Elective (3)

Engineering Technology: Bachelor of Science in Applied Science

The Department of Engineering Technology offers Bachelor's Completion Degrees in three different concentrations, Electro-Mechanical, Electrical and Computer, and Mechanical. 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 begin with third year course recommendations.

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.

Fall Semester

CHM 141, 144 College Chemistry and Laboratory (3, 2) MP
EGS 215 or 313 Workplace Writing (3) GMP
ENT 271 Mechanics I: Statics (3) **or** ENT 196 Electronics (3)
ENT 311 Process Control and Interface Design (3)
MTH 251 Calculus II (4)

Spring semester

ENT 272 Mechanics II: Strength of Materials (3)
ENT 316 Project Management (3)
ENT 401 Computerized Instrumentation and Feedback Control (3)
STA 301 Applied Statistics (3)
ENT 301 Dynamics (3)
Global Miami Plan course – as needed (3)

ELECTRICAL AND COMPUTER CONCENTRATION

Potential Career Paths: automated manufacturing, instrumentation and control, medical systems, energy and environmental systems, wireless communication and digital signal processing.

Fall Semester

MTH 251 Calculus II (4)
CHM 141, 144 College Chemistry/College Chemistry Lab (3, 2) MP
ENT 311 Process Control Interface Design (3)
STA 301 Applied Statistics (3)
MPF IIA Creative Arts or other Global Miami Plan course as needed (3)

Spring Semester

ENT 387 Embedded Systems Tech. (3)
ENT 271 Mechanics I: Statics (3)
ENT 298 Data Communications (3)
ENT 316 Project Management (3)
ENT 401 Computerized Instrumentation (3)
MTH 231 Elements of Discrete Mathematics (3) **or** MTH 222 Intro to Linear Algebra (3)

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.

Fall Semester

ENT 301 Dynamics (3)

ENT 310 Fluid Mechanics (3)

ENT 333 Computational Methods for Engineering Technology (4)

MTH 251 Calculus II (4)

Global Miami Plan course as needed (3)

Spring Semester

EGS 215 Workplace Writing or ENG 313 Technical Writing (3)

ENT 314 Mechanisms for Mechanical Design (3)

ENT 355 Finite Element Analysis (3)

ENT 316 Project Management (3)

ENT 404 Experimentation Techniques (3)

STA 301 Applied Statistics (3)

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)

MPF IV Natural Science (3-4)

Spring Semester

Major Course: Survey or Genre (3) Discuss options with English Studies advisor

MPF IIA Creative Arts (3)

MPF IIB Social Science (3)

MPF IV Natural Science (3-4)

MPF V Math, Formal Reasoning, Technology (3)

Forensic Science and Investigation: Bachelor of Science in Forensic Science and Investigation

FORENSIC INVESTIGATION: BACHELOR OF SCIENCE IN FORENSIC SCIENCE AND INVESTIGATION

Potential Career Paths: U.S. criminal justice system, law enforcement, corrections, courts, and private security with a specialization in investigation.

Fall Semester

CJS 101 Introduction to Criminal Justice Studies (3) MP
CJS 125 Law and the Courts (3)
CIT 154 Personal Computer Concepts and Applications (3)
ENG 111 Composition and Rhetoric (3) MP
MPF IIA Creative Arts (3)

Spring Semester

CJS 211 Law Enforcement (4)
MPF IV Natural Science (3-4)
STA 261 Statistics (4) MP
MPF III Global Perspectives (3)
Elective (3)

FORENSIC SCIENCE: BACHELOR OF SCIENCE IN FORENSIC SCIENCE AND INVESTIGATION

Potential Career Paths: criminalists, crime scene technicians, and in crime, drug, and other laboratory settings.

Fall Semester

CJS 101 Introduction to Criminal Justice Studies (3) MP
CHM 141/144 College Chemistry/College Chemistry Laboratory (3, 2) MP
BIO 116 Biological Concepts (4) MP
ENG 111 Composition and Rhetoric (3) MP

Spring Semester

MTH 151 Calculus (5) MP or MTH 125 Pre-calculus (5)
STC 135 Principles of Public Speaking (3)
MPF IIB Humanities
CHM 142/145 College Chemistry/College Chemistry Laboratory (3, 2) MP

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
MPF IIA Creative Arts (3)
PHL 131 Intro to Ethics (3) MP
MPF III Global Perspective (3)
MPF IV Natural Science (4)

Spring Semester

STA 261 Statistics (4) MP
MPF III Global Perspective (3)
MPF IIC Social Science - recommend STC 136 Intro Interpersonal Communication (3)
MPF IV Natural Science (4)
Major Requirement Health Elective (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

STC 135 Principles of Public Speaking (3)

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)

Spring Semester

STA 261 Statistics (4) MP

CIT 214 Database Design (3)

ENG 112 College Composition and Literature (3) **or** EGS 215 Workplace Writing (3) GMP

MPF IIA Creative Arts (3)

CSE 163 Introduction to Computer Concepts and Programing (3) MP

Health Information Technology:

Fall Semester

STC 135 Principles of Public Speaking (3)

ENG 111 Composition and Rhetoric (3)

MTH 125 Precalculus (5)

CIT 167 People and Practices (2)

CIT 168 IT Tools and Techniques (4)

Spring Semester

CIT 214 Database Design (3)

STA 261 Statistics (4) MP

MPF IIA Creative Arts (3)

CSE 163 Introduction to Computer Concepts and Programing (3) MP

ENG 112 College Composition and Literature (3) **or** EGS 215 Workplace Writing (3) GMP

INTEGRATIVE STUDIES: BACHELOR OF INTEGRATIVE 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 or Intercultural Perspectives (3)

Elective (3)

Spring Semester

MPF IIA Creative Arts (3)

MPF III Global Perspective (3)
MPF IV Natural Science (3-4)
GMP Advanced Writing (3)
BIS 201 - Introduction to Integrative Studies

Liberal Studies: Bachelor of Arts or Science

This major is designed as a bachelor completion program for students with a varied skillset and a substantial number of credits. Please contact the Department of Interdisciplinary and Communication Studies.

NONPROFIT AND COMMUNITY STUDIES: BACHELOR OF SCIENCE IN NONPROFIT AND COMMUNITY STUDIES

Potential Career Paths: nonprofit organizations, service agencies, philanthropic and development organizations and local government

Fall Semester

NCS 201 Theories of Civic Leadership and Democracy (3)
NCS 202 Introduction to Nonprofits and NGOs (3)
ENG 111 Composition and Rhetoric (3) MP
MPF IIC Social Science (3)
MPF IV Natural Science (3-4)

Spring Semester

MPF IIA Creative Arts
MPF III Global Perspectives
MPF IV Natural Science (3-4)
MPF V Math, Formal Reasoning, and Technology (3)
Organization Leadership Distribution (3) -- discuss with major advisor

Nursing: Bachelor's, RN-BSN Completion

BACHELOR OF SCIENCE IN NURSING

Potential Career Paths: BSN-prepared nurses are preferred by hospitals and have opportunities in community, primary care, specialty care, research and 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) 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

MPF III Global Perspectives (3)
MPF IIB Humanities course (3)
GMP Intercultural Perspectives (3)

RN-BSN COMPLETION PROGRAM

Potential Career Paths: Nurses with BSNs can move to leadership/management roles and pursue education at the master's and doctoral levels for academic, administrative and research roles

Prerequisites for Admission to Program:

- Be a Registered Nurse in State of Ohio (or state where clinical courses will be completed)
- RN licensure without restrictions
- GPA of 2.0
- Associate Degree Nursing Courses (28 credit hours)*

* 28 credit hours must be from an NLN accredited AD nursing program. Graduates of non-accredited AD programs, proprietary programs and diploma programs may meet this requirement by successfully completing NSG 301, NSG 311, and NSG 313.

* Courses required for the RN-BSN Completion Program may vary for each student based on previous coursework. Students must discuss their requirements with a RN-BSN Completion NSG advisor.

Suggested First Year Courses

Fall Semester

NSG 301 Theory Based Nursing Practice (3)
NSG 311 Health Promotion Across Lifespan (3)
NSG 313 Assessment of Well Individual (2)
MPF III Global Perspectives (3)
MPF IIB Humanities (3)
MBI 361 Epidemiology (3)

Spring Semester

MPF IIA Creative Arts (3)
NSG 317 Teaching Strategies in Health Care (3)
NSG 331 Introduction to Nursing Research (3)
MPF III Global Perspectives (3)
BIO 232 Human Heredity (3) OR BIO 325 Pathophysiology (4)

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)
MPF IIA Creative Arts (3)

Spring Semester

PSY 200-level Course* (3)

Foreign Language 102* (4) (based on placement)

STA 261 Statistics* (4) MP

MPF IIB Humanities (3)

MPF III Global Perspectives or IV Natural Science (3-4)

*Course can be applied to the Psychological Science or the Psychology degree requirements.

SMALL BUSINESS MANAGEMENT: BACHELOR OF SCIENCE IN COMMERCE

Potential Career Paths: Work in small businesses and other organizations in managerial and staff capacities.

Suggested First Year Courses

Fall Semester

ENG 111: College Composition (3) MP

CMR 111: Introduction to Management (3)

CMR 101 Introduction to Accounting (3)

MPF IIA Creative Arts (3)

MPF IV Natural Science (4)

Spring Semester

CMR 108: Introduction to Business Law (3)

CMR 207 Management Planning & Control (3)

MPF III Global Perspectives (3)

STA 261 Statistics (4) MP

MPF IIB Humanities (3)

TIPS FOR

SPECIAL POPULATIONS

OF STUDENTS

University Honors Program & University Academic Scholars Program Students

UNIVERSITY HONORS PROGRAM REQUIREMENTS

The University Honors Program 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
- Two (2) Honors extensions
- Four (4) additional 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

Your Honors advisor will work with you to plan your individualized Honors path.

During your final two undergraduate years, you have the option of pursuing Honors with Distinction, which requires the proposal, development, and completion of a large-scale research or creative project or an intensive pre-professional experience. These projects are student-initiated and faculty-mentored. Students are encouraged to use their Honors Experiences to help them prepare for, and complete, their Honors with Distinction projects or experiences. Additional information about Honors with Distinction will be provided to students during their second year in the program.

HONORS COURSE REGISTRATION

Honors Advisors will be available to answer questions about Honors course registration for Fall Semester at Registration on Day 2 of orientation in Benton Hall. You will enroll in a second Honors course in the Spring Semester. You will learn more about scheduling Honors courses for Spring Semester during your Group Advising session with your Honors advisor in the Fall. Please note that your divisional advisor is your primary resource for non-honors advising related questions.

GETTING INVOLVED IN THE HONORS COMMUNITY

There are several ways you can become an involved member of the Honors Community, starting with Honors Convocation, which will occur during Welcome Week. At Honors Convocation, you will meet Honors Staff and current students, learn more about your Honors requirements, and become acquainted with the benefits of being an Honors student. More information regarding this event will be emailed to you after orientation. The Honors Student Advisory Board (HSAB) is the student organization that plans events such as the Fall Kickoff, the Honors Formal, and Honors Hangouts for Honors Students. Attending their events is a great way to meet other students in the Honors Program.

For more information, please visit www.miamioh.edu/honors or call 513-529-3399.

UNIVERSITY ACADEMIC SCHOLARS PROGRAM

Oxford campus students who have been accepted in the University Academic Scholars Program are offered the unique experience to engage more deeply in their specific fields of interest by awarding unparalleled access to Miami's most renowned academic programs, distinguished faculty mentors, cutting-edge research and internship experiences, and personal connection with key university officials and guests. Students in the University Academic Scholars Program also have unique access to honors courses and are encouraged to enhance their fall semester with these courses when feasible.

Students accepted into the UASP should make contact with their Faculty Advisor in their first semester. Students are strongly encouraged to attend events and become involved in their specific program. For more information about the University Academic Scholars Program, please visit: <http://www.MiamiOH.edu/admission/uasp/>



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 (EDL 151 The American University or CAS 116 American Academic Culture & Communication).
- Become familiar with the International Student & Scholar Services (ISSS) which is located in MacMillan Hall, room 214.
- 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**.
 - » 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, has staff members ready to help students with the following:

- Visa regulations and procedures for maintaining legal status
- General advising 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 announcements to all enrolled international students via your Miami email account announcing relevant programs and excursions as well as visa-related reminders. Information is also posted online at **www.MiamiOH.edu/international**. You can find ISSS on Facebook under “Miami University International Students and Scholars” ([facebook.com/MiamiOhISSS](https://www.facebook.com/MiamiOhISSS)) and WeChat at MiamiOhISSS.

For questions or to schedule an appointment with an international student advisor, email international@MiamiOH.edu, call 513-529-8600, or visit ISSS in MacMillan 214.



ENGLISH PLACEMENT

At Miami University, all students, including international students, must satisfy the first-year English requirement. Students will be 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 will 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 will be 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 will 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 take your pick among the many programs, organizations, and events the 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 want to 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 Teaching and Learning Center coach.
 2. Enroll in EDT 110R College Study Skills to learn how to study effectively and efficiently. Most students find it easier to study on campus in the times between their classes.
 3. 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.
 4. Seek help early if you feel stressed or overly anxious. Utilize all the resources the campuses offer including counseling services, tutoring, and academic advising.

WORK COLLEGE BALANCE	
WORK HOURS	CREDIT HOUR LOAD
10 per week	14 – 16
20 per week	12 – 14
40 per week	3 – 9

WEEKLY SCHOOL COMMITMENT		
CREDIT LOAD	STUDY HOURS	TOTAL HOURS
9	18	27
12	24	36
16	32	48

OXFORD PATHWAY PROGRAM

The Pathways Program is a short-term, intensive learning program for students who have been selected to begin their studies on a regional campus. During the fall term these students enroll in classes at a regional campus (including some courses taken together as a cohort) and live in a special Pathways living-learning community on the Oxford campus. Pathway students have

a dedicated advisor who will assist them in planning for college success and with selecting courses that work toward their individual academic goals. Upon successful completion of the fall semester program requirements, students will relocate to the Oxford campus (see entry below on relocation) and enroll in Oxford courses for the spring semester.

RELOCATION

Students seeking a bachelor's degree offered on the Oxford campus may apply to relocate with at least a 2.00 cumulative GPA, an acceptable conduct record, and after earning 16 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 must be completed 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.

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 to help 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.

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, 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 campuses, students will complete an online orientation, and then are advised through the advising office on their campus. For more information, contact the appropriate office:

- Hamilton Campus, 2nd floor, Rentschler Hall, 513-785-3129
- Middletown Campus, 1 Johnston Hall, 513-727-3440

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. Request to have your test scores sent to Miami University (Ohio) - Code #1463.
- **Nursing Credit:** Graduates of diploma and non-NLNAC accredited associate's degree programs are required to complete 32 Miami hours and pass NSG 301, 311, and 313 before their 28 hours of transfer credit will be validated. Graduates of accredited associate's degree programs can transfer 28 semester hours of nursing from a regionally accredited two year college. Additional transfer hours may be used as elective credit. If you are a registered nurse with credits from a college nursing program, your credits are evaluated on the same basis as other transfer students' credits, described earlier. See the sample schedules in the section on College of Professional Studies & Applied Sciences for more information about degrees in nursing.

KEY TERMS YOU SHOULD KNOW

Course Equivalent: The courses that you transferred to Miami that have been 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:

- Have 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

After you have been notified of your acceptance to Miami by the Office of Admission, you will receive a letter from the College of Arts and Science informing you of the transfer orientation one-day sessions and how to register for one. The academic advising portion is designed to introduce you to the requirements of the university and of the College of Arts and Science. During these sessions you will work with an academic advisor before registering your courses.

Working with a College of Arts and Science advisor during your transitional semester will be key to your academic success as you may have elementary or introductory course work taken at your former institution that does not automatically apply to the Miami Plan or the CAS requirements. A College of Arts and Science advisor can help you identify if it is possible to substitute such course work that has no Miami equivalent and walk you through the process on how to get that done. You will also be assigned a faculty advisor in the department of your major, which will be displayed on your student tab in the myMiami web porta.

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

Most CCA programs begin in the fall semester. All majors except art and architecture history and interactive media studies require a 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 105, 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 interactive media studies, you must have a grade point average of at least 3.00 and complete an online application; the application includes creating a website. Please visit www.MiamiOH.edu/ims for information about the application process and requirements.

To transfer into music composition, music education, music performance, or the Bachelor of Arts in music, you must pass an audition for a department admission committee. 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 will 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 will be 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 151 and ECO 201 equivalents. Questions can be directed to the FSB Student Services Office at (513) 529-1712.

Undecided (University Studies) Students

If you enter the university either not having selected a major or not been admitted to a major (e.g. business, nursing, etc.), you will be a part of the University Studies program in the College of Arts and Science. The aim of this program is to introduce you to the broadest range of academic areas available at the university. It 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 and special programs that will help you develop a strong academic plan as you explore majors and potential careers.

THINGS TO KEEP IN MIND

Keep these things in mind when you choose a major:

- Consult an academic advisor each semester; begin visiting the Center for Career Exploration and Success early in your academic career; talk to individuals in your fields of interest.
- Don't force the decision; if you are not sure, speak with an academic advisor 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.

QUESTIONS FREQUENTLY ASKED

FAQS

How do I know what classes I need to register for?

You should speak with your academic advisor 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 BannerWeb and viewing your Degree Audit. Your Degree Audit will list all possible courses that are required of 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. You can find the course list in two locations: it can be found as a link on the main myMiami page or under the Student Services tab in the registration system. You can search for courses by 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.

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. You are limited to 17 credits initially (18 if majoring in the College of Engineering and Computing), but you 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 hours of study time for each hour of class time.

How do I sign up (register) for courses?

For your first semester, the advisors at orientation will lead you through the process of registering through BannerWeb. If you can't attend orientation, you will register, with the help of your advisor, during August orientation, before classes begin in the fall. In subsequent semesters, you should meet with your academic advisor 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, log into BannerWeb and this will be found in the Student Services tab. This tab will also provide any information if you have a "hold" on your student account that might impede your ability to register for classes. 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 available 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 his or her 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 used. 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?

Students must have their 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 KNH 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. You register for these groups when you register for classes, then complete an audition in the fall. Sign-up information will be 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. There are 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	CREDIT HOURS	GRADE	POINT VALUE	GRADE 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	2	x A	4.00 =	8.0
TOTALS	17			51.2

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. See the 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/](https://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.

The 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 Dean of Students at 513-529-1877.

Where can I go for assistance if I have a learning or other type of disability?

Miami makes accommodations for students who have a substantial limitation of one or more major life activities including, but not limited to, walking, talking, hearing, seeing, learning, working, caring for oneself, and interacting with others. Disabilities also include medical issues that involve immune, cardiac, and overall body functioning. To receive accommodations for LD or ADD, you must self-identify to the Miller Center for Student Disability Services, 304 Shriver Center, 513-529-1541, or Disability Services at the Regional Locations. 120 Rentschler Hall (H), 513-785-3211, 14 Johnston Hall (M), 513-727-3431.

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. 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	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	Judicial Affairs	Office of Ethics & Student Conflict Resolution, 9 Warfield Hall, 513-529-1417
	College of Education, Health and Society 202 McGuffey Hall 513-529-6317	Learning Disabilities Services	Miller Center for Disability Services, 304 Shriver Center, 513-529-8741
	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, Millet 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	HOME Office, 034 Campus Avenue Building, 513-529-5000
Automobile, bicycle, parking regulations	Parking Services, 034 Campus Avenue Building, 513-529-8535	One Stop	Campus Avenue Building, 513-529-0001 MiamiOH.edu/onestop
Bills	One Stop, Campus Avenue Building, North Entrance, 513-529-0001; MiamiOH.edu/onestop	Organizations & Activities	Student Activities, 2026 Armstrong Student Center 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	110 Warfield Hall; 513-529-2071	Post Office Services	Campus Mail Room, 313 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
Disability Services	304 Shriver Center, 513-529-1541 MiamiOH.edu/SDS	Sororities	Panhellenic Association, 513-529-2552 Fraternity and Sorority Life and Leadership, 513-529-2026 Armstrong Student Center, 513-529-1462
Discrimination	Equity & Equal Opportunity, Hanna House, 513-529-7157	Student-Athletes	Gross Center Academic Coordinator, 513-529-7294
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	Student Success Center	112 Campus Avenue Building
Employment	Part-Time, Summer, Human Resources, 15 Roudebush Hall; 513-529-3131 MiamiOH.edu/studentemployment Permanent: Center for Career Exploration & Success 45 Armstrong Center; 513-529-3831	Study Abroad	Study Abroad Office, 214 MacMillan Hall, 513-529-8600 StudyAbroad.MiamiOH.edu
Examinations, Finals Schedule	One Stop, Campus Avenue Building, 513-529-0001; MiamiOH.edu/onestop	Study Skills	Rinella Learning Center 304 Shriver Center, 513-529-8741
Fees, payment and refund	One Stop, Campus Avenue Building, 513-529-0001; MiamiOH.edu/onestop	Teacher Licensure	College of Education, Health & Society Dean's Office, 202 McGuffey Hall, 513-529-6317
Financial Aid	One Stop, Campus Avenue Building, 513-529-0001; MiamiOH.edu/onestop	Telephone Information	Telecommunications, 317 Hughes Hall, 513-529-3511 Directory services from off-campus phone, 513-529-1809
Fraternities	Interfraternity Council, 513-529-7117 Fraternity and Sorority Life and Leadership, 2026 Armstrong Student Center, 513-529-1462	Transcript Ordering	One Stop, Campus Avenue Building, 513-529-0001; MiamiOH.edu/onestop
Health, Insurance	Health Services Center, 110 S. Campus Avenue, 513-529-3000	Transfer Credit Evaluation	One Stop, Campus Avenue Building, 513-529-0001 www.transferology.com

Honors Program	Old Manse, 410 East High Street, 513-529-3399	Tutoring	Rinella Learning Center, 306 Shriver Center, 513-529-8741
Housing Options & Meal Plans	Residence hall assignment, hall and roommate requests, room deposit and refund; HOME office, 128 Campus Avenue Building, 513-529-5000	Veterans Affairs & Military Families	One Stop, Student Success Center; Campus Avenue Building, 513-529-0001; MiamiOH.edu/onestop
		Volunteer Opportunities	Student Activities, 2026 Armstrong Student Center, 513-529-2266 MiamiOH.edu/hub
Ice Skating	Goggin Ice Center, 610 S. Oak St., 513-529-9800	Withdrawal from University	One Stop, Campus Avenue Building, 513-529-0001; MiamiOH.edu/onestop
ID Cards	HOME office, 034 Campus Avenue Building, 513-529-5000	Women's Center	127 McGuffey Hall, 513-529-1510
Information	Campus Operator, 00 Shriver Center Info Desk, 513-529-4031	Work-Study	One Stop, Campus Avenue Building, 513-529-0001



Regional Campuses

Renovations are in progress. Be aware that some office locations may change.

Aspire (Adult Basic & Literacy Education)	205 Phelps Hall (H), 513-785-1811 8 Johnston Hall (M), 513-217-4002	Financial Aid One Stop for Student Services	One Stop for Student Services 100 Mosler Hall (H), 513-217-4111 114 Johnston Hall (M), 513-217-4111
Academic Advising	2nd Floor Rentschler Hall (H), 5 13-785-3129 1 Johnston Hall (M), 513-727-3440	Greentree Health Science Academy	5757 Innovation Drive; Middletown, OH 45005 513-933-3960
Admission	100 Wilks Conference Center (H), 513-785-3111 116K Johnston Hall (M), 513-727-3216	Honors	Dr. Jennifer Yamashiro, Jennifer.yamashiro@miamioh.edu
Athletic Office	102 Gymnasium (H), 513-785-3120 114C Johnston Hall (M), 513-727-3313	Tutoring and Learning Center	102 Rentschler Hall (H), 513-785-3139 1 Johnston Hall (M), 513-727-3440
Bookstore	120 Schwarm Hall (H), 513-785-3241 101 Johnston Hall (M), 513-727-3309	TRiO Support Services	104 Rentschler Hall (H), 513-785-1839 104 Gardner Harvey Library, Ground Floor (M) 513-785-1839
Business Services Office	101 Mosler Hall (H), 513-785-3205 116A Johnston Hall (M), 513-727-3212	Library	200 Schwarm Hall (H), 513-785-3235 Gardner-Harvey Library (M), 513-727-3222
Campus Dean	202 Mosler Hall (H), 513-785-3200 135 Johnston Hall (M), 513-727-3211	Multicultural Resource Center	114 Rentschler Hall (H), 513-785-3024 Hawk Haven Johnston Hall (M), 513-785-3023
Cashier's Office	101 Mosler Hall (H), 513-785-3162 114 Johnston Hall (M), 513-727-3321	Records & Registration – One Stop for Student Services	One Stop for Student Services 100 Mosler Hall (H), 513-217-4111 114 Johnston Hall (M), 513-217-4111
Center for Civic Engagement	105 Mosler Hall (H), 513-785-3015 Verity Lodge (M), 513-727-3339	Security	110 Mosler Hall (H), 513-785-3222 26 Johnston Hall (M), 513-727-3333
Child Care	100 Schwarm Hall (H), 513-785-3011 Verity Lodge (M), 513-727-3220	Student Activities & Orientation	122 Schwarm Hall (H), 513-785-3053 130 Johnston Hall (M), 515-785-3053
Computer Services Helpdesk	304 Mosler Hall (H), 513-785-3279 1 Gardner-Harvey Library (M), 513-727-3356	Student Government	240 Rentschler Hall (H), 513-785-3204 129 Johnston Hall (M), 513-727-3458
Conservatory	The Conservatory (H), 513-785-3086	Student Affairs	130 Rentschler Hall (H) 135 Johnston Hall (M)



Career Services & Professional Development	120 Rentschler Hall (H), 513-785-3113 101 Johnston Hall (M), 513-727-3205	Veterans Center	003 Gardner-Harvey Library (M); 108 Mosler Hall (H); 109 Johnston Hall (M) 513-785-7733
Counseling Services	130 Rentschler Hall (H), 513-785-3211 14 Johnston Hall (M), 513-727-3431	Veteran's Upward Bound	102 Rentschler Hall (H), 513-785-1822
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
English Language Learners & English Language Center	102 Rentschler Hall (H), 513-785-3086 204 Levey Hall (M), 513-217-4182		

BUILDING

ABBREVIATIONS

Oxford Campus

ALU	Alumni Hall	HIS	Hiestand Hall	PRS	Presser Hall
ART	Art Building	HRN	Harrison Hall	PSN	Pearson Hall
ASC	Armstrong Student Center	HUG	Hughes Laboratories	PSY	Psychology Building
BAC	Bachelor Hall	HYT	Hoyt Hall	RDB	Roudebush Hall
BEN	Benton Hall	IRV	Irvin Hall	RSC	Recreational Sports Center
BOY	Boyd Hall	JOY	Joyner House	SAW	Sawyer Hall
CAB	Campus Avenue Building	KNG	King Library	SDC	Student Athlete Development Center
CPA	Center for Performing Arts	KRG	Kreger Hall	SHC	Shriver Center
CUL	Culler Hall	LWS	Laws Hall	SHD	Shideler Hall
EGB	Engineering Building	MCG	McGuffey Hall	UPH	Upham Hall
FSB	Farmer School of Business	MMH	MacMillan Hall	WAR	Warfield Hall
GAR	Garland Hall	OMN	Old Manse	WIH	Williams Hall
GGB	Gloss Center	PAT	Patterson Place	YWS	Yager Stadium - West
HAL	Hall Auditorium	PBD	Peabody Hall	YES	Yager Stadium - East
HAN	Hanna House	PHI	Phillips Hall		

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 classes but do not receive credit or a grade. 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 not able to attend summer orientation, you can sign up for classes during August orientation, held a few days before the new term begins.

Bachelor's Degree: A four-year degree. The basic requirements include: (1) at least 124 semester hours, at least 30 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 Audit Reports (DAR). Accessible at www.mymiami.MiamiOH.edu, your Internet portal.

Cancellation: Your course registration may be cancelled if

you do not pay all your fees by the due date. You will need to clear all fees, including late fees, then re-register for classes.

Canvas: An online collaborative learning environment that is 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 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.

Corequisite: 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 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. No grades are received for these courses. You will get credit for a D- or better. You can only take ten percent of your course work on credit/no-credit basis. Usually you cannot take courses in your major or minor this way. **Freshmen may register for courses on a credit/no credit basis, provided they are concurrently enrolled for at least 12 hours for a grade.** After 20 percent of the class meetings, you cannot change from credit/no-credit to a letter grade or from a letter grade to credit/no-credit. The idea behind the credit/no-credit grading system is that students should be able to sample courses in many areas of study with relative freedom, without worrying too much about their grades. If you are planning to go to graduate or professional school, you should consider carefully, with your advisor, the courses you take credit/no-credit.

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 for the next 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 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.

Pre-requisite: 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 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** gives students quick answers on how their 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 has been issued a Unique ID to identify them in the processing of university information. It consists of the first six letters of the last name, followed by the first letter 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. You must file with the Student Success Center a withdrawal form, available on the One Stop website; for regional location students, the form is available at the Advising Office. The date 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) at least 30 days before the beginning of the term in which you wish to return.

