Advising Handbook

2024-2025
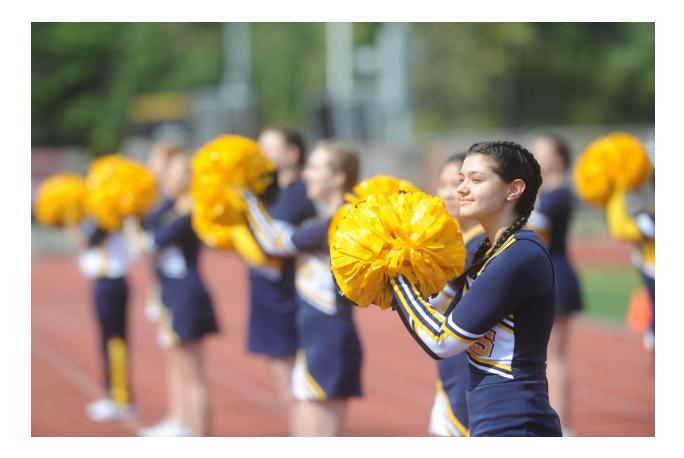
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Welcome

Dear Colleagues,

Advising is one of the hallmarks of an Allegheny education and a tangible demonstration of the close interactions we celebrate as an institution. Allegheny students have an evolving advising team during their time on campus, from the "entrance advisor" who welcomes them to the community and helps them schedule their first-semester courses, to their "exploratory advisor" who teaches their first-year advising lab and advises them until they declare a major, to their "major advisor(s)" who will help them navigate their academic programs, to their "senior project advisor", who works with students to complete their Senior Comprehensive Project. Along the path from Matriculation to Commencement, students will benefit from great relationships with other faculty and staff who will offer advice – their instructors, coaches, and staff from the Student Success, Institutional Advancement, the Class Deans, and an array of other offices.

Allegheny students should:

Know: Program requirements; graduation requirements and intent of the FS program (NB: or its successor program, if approved) and the Distribution Requirements (DR) in helping students achieve outcomes of College mission statement; availability of resources
 Do: Articulate educational and early career goals; use campus resources; develop a social/support

network
Value: Liberal arts education; multiple ways of knowing; importance of lifelong learning; role of advising in shaping educational plans; relationships with advisors

Allegheny advisors should:

Know: Accurate information about college requirements, policies, procedures, and resources
Do: Build students' understanding of curriculum; practice ethical/legal standards by respecting student confidentiality and diversity; regularly participate in development opportunities to remain current in advising practices and college policies/procedures
Value: Liberal arts education; multiple ways of knowing; importance of lifelong learning; role of advising in shaping educational plans; relationships with students

This handbook is a small effort at helping advisors meet some of those goals. It brings together, in a single document, information on major and minor program requirements as well as other details of the academic program at Allegheny. It also includes a wealth of information on resources and opportunities available to your student advisees. If you have questions that are not covered in this handbook, please ask!

We view this document as a work in progress, one that should evolve and change to best meet the needs of advisors at Allegheny. As such, we welcome your feedback and advice on how to make this a more useful resource.

Co-directors of Academic Advising

Ian Binnington
 Dean for the Student Experience
 Professor of History

Jennifer Dearden
 Associate Provost
 Professor of Music

Academic Advising

Advisor's Role

Faculty Advising at Allegheny College

Link
https://sites.allegheny.edu/facultyresources/advisingexpectations/

Advising is a multi-faceted, professional activity based on research, standards, and best practices. Effective advising reinforces and extends the education students acquire in the classroom, helping them to take advantage of curricular and co-curricular opportunities, to understand academic requirements and college policies, and to prepare for career planning and lifelong learning. Research has also demonstrated that successful advising can significantly improve student achievement, retention, and satisfaction. While students are responsible for all decisions that they make at Allegheny, and should understand that not all things are possible, and that choices carry with them consequences; advisors are responsible for

encouraging students to be responsible for their own education and for providing them with the guidance and structure to do so. Put simply, advising is a vitally important professional responsibility for all full-time faculty at Allegheny College

Allegheny College Advising Mission Statement:

Advising at Allegheny College holistically empowers students to seek coherence and meaning in their liberal arts educational experience, to develop agency in their individual educational journeys, and to build lasting connections to support their growth and success.

Student Learning Outcomes

Allegheny students should:

Know: Program requirements; graduation requirements and intent of the FS program (NB: or its successor program, if approved) and the Distribution Requirements (DR) in helping students achieve outcomes of College mission statement; availability of resources
Do: Articulate educational and early career goals; use campus resources; develop a social/support network
Value: Liberal arts education; multiple ways of knowing; importance of lifelong learning; role of advising in shaping educational plans; relationships with advisors

As a result of advising, students will:

- Articulate educational and early career goals through the iterative formation of an educational plan that integrates curricular and co-curricular experiences
- Use campus resources to support achievement of educational goals
- Assume responsibility for meeting academic requirements
- Develop the skills for lifelong learning, growth, and resilience in the face of challenges
- Recognize how engagement with multiple ways of knowing contributes to a liberal arts education
- Demonstrate personal and civic responsibility in local and/or global contexts
- Develop a social network and support system that includes peers, faculty, staff, and/or community members as advisors

Advisor Learning Outcomes:

Allegheny advisors should:

Know: Accurate information about college requirements, policies, procedures, and resources
Do: Build students' understanding of curriculum; practice ethical/legal standards by respecting student confidentiality and diversity; regularly participate in development opportunities to remain current in advising practices and college policies/procedures
Value: Liberal arts education; multiple ways of knowing; importance of lifelong learning; role of advising in shaping educational plans; relationships with students

Advisors will:

- Provide accurate information about academic requirements, policies, and procedures to facilitate advisees' decision-making and goal-setting
- Connect students with campus resources relevant to their individual needs and goals
- Articulate the value of a liberal arts education
- Establish respectful and inclusive communications as part of coaching/mentoring advising relationships
- Encourage academic, personal, and civic responsibility
- Maintain and expand their knowledge and skills related to advising

Academic Standards and Awards Committee

Link
https://sites.allegheny.edu/registrar/academic-policies/academic-standing/

The principal function of this committee is to make certain that students meet the academic requirements established by the faculty.

In advising your first-year students, be advised that all students with a GPA of 1.0 or below at the end of the first semester will be automatically suspended from the College and must successfully appeal in order to return.

If a student earns a GPA below 2.0, he or she will be continued on Academic Probation. In order to avoid being suspended at the end of the next semester, the student must be registered for at least 12 credits, must receive passing grades for ALL courses and must earn a semester GPA of 2.0 or better. If a student fails to do this, or receives an incomplete or a withdrawal in any course, they will be suspended from the college and must successfully appeal in order to return.

The committee meets at the end of each semester to consider the cases of students who decide to appeal academic suspension or dismissal. As part of this process, the academic advisor of a student appealing his/her suspension or dismissal is asked to submit a brief report detailing their experiences with the student. Comments of the advisor are, along with other relevant documents, used by the committee to determine if a suspension or dismissal should be upheld or overturned.

There is a useful "Academic Standing – Flowchart" page maintained by the Registrar that visualizes the various stages of academic standing.

Link: "Academic Standing - Flowchart"
https://sites.allegheny.edu/registrar/academic-standing-flowchart/

Organization of the College

Areas of Study

The academic programs of the College are classified in areas of study as follows: Interdisciplinary Studies; Language, Literature, and Culture; Mathematics and Natural Sciences; Social and Behavioral Science; Values and Societies; and Visual and Performing Arts.

Academic Programs

Interdisciplinary Studies
- Black Studies Minor
- Community and Justice Studies Major and Minor
- Data Studies Major and Minor
- Education Studies Minor
- Energy and Society Minor
- Environmental Science and Sustainability Major
- Global Health Studies Major and Minor
- Healthcare Management Major
- Informatics Major and Minor
- International Studies Major
- Jewish Studies Minor
- Latin American and Caribbean Studies Minor
- Middle East and North African Studies Minor
- Public Humanities Major and Minor
- Women's, Gender, and Sexuality Studies Major and Minor

Languages, Literature, and Culture
- Arabic Minor
- English--Emphasis on Creative Writing Major
- English--Emphasis on Literature Major
- English Minor
- Environmental Writing Minor
- French Minor
- German Minor
- Journalism and Documentary Storytelling Minor
- Spanish Major and Minor
- Writing Minor

Mathematics and Natural Sciences
- Astronomy Minor
- Biochemistry Major
- Biology Major and Minor

- Chemistry Major and Minor
- Computer Science Major and Minor
- Mathematics Major and Minor
- Neuroscience Major
- Physics Major and Minor
- Software Engineering Major and Minor

Social and Behavioral Science
- Business Major
- Economics Major and Minor
- Political Science Major and Minor
- Psychology Major and Minor

Values and Societies
- Communication and MediaCultural Studies Major and Minor
- History Major and Minor
- Philosophy Major and Minor
- Religious in American Life Minor

Visual and Performing Arts
- Art, Science, and Innovation Major and Minor
- Dance and Movement Studies Minor
- Filmmaking Minor
- Industrial Design Major
- Music Performance Minor
- Studio Art Major and Minor
- Theatre Major and Minor

Majors/Minors by Areas of Study

Fall 2024

Interdisciplinary Studies	Languages, Literature, & Cultures	Mathematics & Natural Sciences	Social & Behavioral Sciences	Values & Societies	Visual & Performing Arts
Majors	**Majors**	**Majors**	**Majors**	**Majors**	**Majors**
Community and Justice Studies (BA)	English - Emphasis in Creative Writing (BA)	Biochemistry (BS)	Business (BA)	Communication and Cultural Studies (BA)	Art, Science, and Innovation (BA)
Data Science (BS)	English - Emphasis in Literature (BA)	Biology (BS)	Economics (BA)	History (BA)	Industrial Design (BA)
Environmental Science & Sustainability (BA or BS)	Spanish (BA)	Chemistry (BS)	Political Science (BA)	Philosophy (BA)	Studio Art (BA)
Global Health Studies (BA)		Computer Science (BS)	Psychology (BA or BS)		Theatre (BA)
Healthcare Management (BS)		Mathematics (BS)			
Informatics (BA or BS)		Neuroscience (BS)			
International Studies (BA)		Physics (BS)			
Public Humanities (BA)		Software Engineering (BS)			
Women's, Gender, & Sexuality Studies (BA)					
Minors	**Minors**	**Minors**	**Minors**	**Minors**	**Minors**
Black Studies	Arabic	Astronomy	Economics	Communication and Cultural Studies	Art, Science, and Innovation
Community and Justice Studies	English	Biology	Political Science	History	Dance and Movement Studies
Data Science	Environmental Writing	Chemistry	Psychology	Philosophy	Filmmaking
Education Studies	French	Computer Science		Religion in American Life	Music
Energy and Society	German	Mathematics			Studio Art
Global Health Studies	Journalism & Documentary Storytelling	Physics			Theatre
Informatics	Spanish	Software Engineering			
Jewish Studies	Writing				
Latin American & Caribbean Studies					
Middle East & North African Studies					
Public Humanities					
Women's, Gender, & Sexuality Studies					

Link

https://catalog.allegheny.edu/mime/media/53/1001/Allegheny+College+Academic+Divisions+-+Majors_Minors++Fall+2024++-+Sheet1.pdf

Major/Minor Combinations 24/25

Link

https://catalog.allegheny.edu/mime/media/53/1002/Major_Minor+Combinations+24_25+-+Sheet1.pdf

Chairs/Directors

ART
Studio Ar; Art, Science, and Innovation; Industrial Design
Chair: Ian Thomas   ithomas@allegheny.edu
814-332-3387   Box 23

BIOLOGY
Biochemistry; Biology; Neuroscience
Chair: Brad Hersh   bhersh@allegheny.edu
814-332-6206   Box 10
Biochemistry Coordinator: Tricia Humphreys   thumphre@allegheny.edu
814-332-2967   Box 10
Neuroscience Coordinator: Lauren French   lfrench@allegheny.edu
814-332-3306   Box 10

BUSINESS and ECONOMICS

Business; Economics; Healthcare Management
Chair: Tom Nonnenmacher   tnonnenm@allegheny.edu
814-332-3820   Box 20

CHEMISTRY
Chair: Shaun Murphree smurphre@allegheny.edu
814-332-5358   Box 15

COMMUNICAITON, MEDIA, AND PERFORMANCE
Communication and Media; Filmmaking; Journalism and Documentary Storytelling; Theatre; Dance and Movement Studies
Chair: John Wiebel   jwiebel@allegheny.edu
814-332-4787   Box 45

COMMUNITY and JUSTICE STUDIES
Black Studies; Community and Justice Studies; Education Studies
Chair: Heather Moore Roberson   hroberson@allegheny.edu
814-332-2724   Box Z
Black Studies Coordinator: Alyssa Ribeiro   aribeiro@allegheny.edu
814-332-4319   Box 27
Education Studies Coordinator: Jennifer Franz   jfranz@allegheny.edu
814-332-6270   Box 39

COMPUTER and INFORMATION SCIENCE
Computer Science; Data Science; Informatics; Software Engineering
Chair: Janyl Jumadinova   jjumadinova@allegheny.edu
814-332-2881   Box Q

ENGLISH
Creative Writing; English; Environmental Writing; Literature; Writing
Chair: Jennie Votava   jvotava@allegheny.edu
814-332-4334   Box 95

ENVIRONMENTAL SCIENCE and SUSTAINABILITY
Energy and Society; Environmental Science and Sustainability
Chair: Terry Bensel   tbensel@allegheny.edu
814-332-2309   Box E

GLOBAL HEALTH STUDIES
Chair: Caryl Waggett   cwaggett@allegheny.edu
814-332-2715   Box E

HISTORY and PHILOSOPHY
History; Jewish Studies; Philosophy; Public Humanities; Religion in American Life

Chair: Kale Haywood   khaywood@allegheny.edu
814-332-4306   Box 27
Public Humanities Coordinator: Paula Burleigh   pburleigh@allegheny.edu
814-332-3383   Box 23

INTERNATIONAL STUDIES
International Studies; Latin American and Caribeean Studies; Middle East and North African Studies
Chair: Sami Alkyam   salkyam@allegheny.edu
814-332-2818   Box 30

MATHEMATICS
Chair: Brent Carswell   bcarswel@allegheny.edu
814-332-5348   Box 29

MUSIC
Chair: Michael Mehler   mmehler@allegheny.edu
814-332-2302   Box 45

PHYSICS
Astronomy; Physics
Chair: Adel Poynor   apoynor@allegheny.edu
814-332-2911   Box 36

POLITICAL SCIENCE
Chair: Brian Harward   bharward@allegheny.edu
814-332-3027   Box 55

PSYCHOLOGY
Chair: Lauren Paulson   lpaulson@allegheny.edu
814-332-2468   Box 39

WOMEN'S, GENDER, AND SEXUALITY STUDIES
Chair: Barbara Shaw   bshaw@allegheny.edu
814-332-2097   Box 95

WORLD LANGUAGES AND CULTURES
Arabic; French; German; Spanish
Chair: Wilfredo Hernandez   whernand@allegheny.edu
814-332-2319   Box 30
Deputy Chair: Barbara Riess   briess@allegheny.edu
814-332-2323   Box 30

Link
https://sites.allegheny.edu/academic-affairs/academic-departments-programs/

Governance Structure

Allegheny College is organized into five divisions: Academic Affairs, Finance and Planning, Development, Student Affairs, and Admissions. Each division is headed by a Vice President, Dean, or Director. These officers report to the Provost and Dean of the College or the President.

Speaking and Writing Seminars (SWS)

Philosophy

The SWS program represents a first opportunity to achieve the Institutional Learning Outcomes as specified in the Allegheny College catalogue:

Allegheny's educational program is designed so that its graduates are able to:

- Think critically and creatively;
- Communicate clearly and persuasively as speakers and writers;
- Invoke multiple ways of understanding to organize and evaluate evidence, and to interpret and make sense of their experiences and the experiences of others;
- Apply their knowledge and learning to engage in informed debate, and to analyze and solve problems.

The elements of Allegheny's curriculum work together to provide students with a cohesive program in which all four Institutional Learning Outcomes may be achieved. In particular, the SWSS program, the Junior Seminar, and Senior Project progressively develop students' abilities to read and listen critically, formulate their ideas, and become more effective writers and speakers.

The two courses in the SWS program,, typically taken in the first two years, connect with the upper-level Junior Seminar and Senior Project to form a continuum that moves from general to discipline-specific communication.The SWS courses prepare students to effectively communicate complex ideas and arguments to a variety of audiences in written and spoken form. All SWS courses emphasize attention to audience and the importance of understanding conventions of communication within a particular context.

To enhance the development of students' communication skills through the two SWS courses and to encourage consistency of expectations across sections of the same course, we present the following list of SWS Learning Outcomes.

SWS Program Learning Outcomes:

1. To demonstrate, as readers, writers, speakers, and listeners, an awareness of audience, purpose, occasion, and genre conventions and their effects on the creation and delivery of ideas.
2. To use the ideas of others to advance thinking.
3. To use iterative composing processes to discover and reconsider ideas and their expression.

4. To engage in reading, writing, speaking, and listening as acts of critical thinking

Learning Outcomes Specific to SWS 105

1. To craft effectively organized messages for specific purposes, occasions, and audiences.
2. To develop genre-appropriate strategies for revising and reorganizing based on feedback received.
3. To engage in reading and listening as acts of critical thinking.
4. To summarize, analyze, and create thesis-driven oral and written texts.

Students in SWS 105 can expect to complete at least two major assignments involving written communication, and two major assignments involving oral communication. Additional smaller assignments will, by section, vary in number and weight.

Learning Outcomes Specific to SWS 205

1. To engage in reading and listening to academic texts as acts of critical thinking.
2. To use a variety of research strategies to find, evaluate, and synthesize a range of sources when composing oral and written texts that respond to academic purposes, occasions, and audiences
3. To contribute to academic research through building on others' ideas and integrating one's own
4. To develop strategies for revising and reorganizing academic research based on feedback received.

Notes for Students Still Needing FS 102 or FS 201

- Students who need to take FS 102 should take SWS 105
- Students who need FS 201 should follow the chart below:

Program	Students should take...	Semester
Biology	FSBIO*201	Both
Chemistry/Biochemistry	FSCHE*201	Fall 2024
COMM & THTR Majors; COMM, THTR, DMS, FILM, JOURN minors	FSCOM*201	Both
English	Any FS 201	
Environmental Science & Sustainability Major	ENVSC*270	Both

GHS	GHS*210	Both
History	FSHIS*201	Fall 2024
Mathematics	Any FS 201	
MUSIC minor	Any FS 201	
Neuroscience	Any FS 201	
Philosophy	Any FS 201	
WGSS	Any FS 201	

General Curricular Requirements

- **Students must have at least one major and at least one minor** (the "graduation major" and the "graduation minor"). The graduation major and minor must be in different areas of study of the College, unless one or both is interdivisional. A second major outside the area of study of the first major can replace the graduation minor.
    - Students matriculating in Fall 2016 or after may have at most two majors and two minors and may "double-count" courses between them without limit.
    - Students matriculating before Fall 2016 may not "double-count" courses between their graduation major and minor. Second or subsequent majors must have 20 unique semester credit hours. Second or subsequent minors must have 12 unique semester credit hours.

- Students must successfully complete **128 semester credit hours**, including transfer credits. Courses that earn a failing grade do not count towards this total.
    - Classes may be retaken for credit, but unless stipulated specifically in the course description, a course may only "count" once. Unless the course may be repeated for credit, the most recent grade earned is the grade counted, regardless of what it is.
    - If a student has transfer credit for a particular course (i.e., Math 151) and they take the same course at Allegheny, they will lose the earlier credit.

- Students must complete all of the following course requirements for graduation:
    - **SWS 105 and SWS 205** (do not count towards any major or minor). .

- ○ **Junior seminar** (course numbered 550-589)
- ○ **Distribution requirement:**
  - ■ (*Students entering Fall 2016 and after*) Four credits in each of the eight categories (CL, HE, IP, ME, PD, QR, SB, SP). Courses may double-count for two requirements. The Distribution Requirements satisfied by a course are listed in the course description in the *Academic Bulletin*. Courses used to satisfy Distribution Requirements *must* be taken for a letter grade.
  - ■ (*Students entering before Fall 2016*) Eight credits in each of the three divisions (Humanities, Social Science, and Natural Science), including four credits of Natural Science lab. Courses used to satisfy Divisional Distribution Requirements may be taken CR/NC.
- ○ **Senior project:** Students must complete a senior project in each major. Students with more than one major may write separate senior projects or a combined senior project.

- ● **Students must earn a 2.0 cumulative GPA and a 2.0 in each major or minor presented.** Grades of C-, D+, and D "count," but the overall GPA in each case must be at least 2.0. In most cases, all classes presented for a major or minor must be taken for a grade; exceptions are listed in the requirements for each major and minor published in the *Academic Bulletin*.

- ● **Only 16 credits taken on a CR/NC basis can count towards graduation,** and students may take no more than 4 credits per semester on a CR/NC basis. Courses taken CR/NC due to the COVID-19 in Spring 2020 will not count against this total.
  - ○ *New CR/NC Deadlines for first time and transfer students in their first year at Allegheny (effective Fall 2024)*
    - ■ *First time and transfer students in their first year of study at Allegheny College who wish to take a **14-week** course on the Credit/No Credit basis must obtain their advisor's approval and submit the appropriate request to the Registrar's Office by the first day of the tenth week of the semester. Students who wish to do so in a **7-week** course have through the first four weeks of the class.*
- ● **64 credits must be taken in academic residence, including the final 16.** Courses taken "in academic residence" are those undertaken through registration at Allegheny College and supervised by Allegheny faculty, regardless of the physical location of the student.

- ● **Students who elect a 3-2 program are exempt from the senior project and need complete only 98 credits before entering the program.** Some majors exempt 3-2 students from additional requirements; consult the department for details. Departments and programs may have their own regulations and practices (e.g., whether they exempt failed courses from GPA calculations or how many hours of transfer credit they accept and for what).

- ● **Students are subject to all graduation requirements in place at the time they first matriculated, including all major, minor, distribution, and any other requirements for the degree,** so please consult the appropriate *Academic Bulletin* for further information.
  - ○ With some exceptions, students who matriculated after the Fall 2016 semester have the option of graduating either under the requirements in effect when they first matriculated

at Allegheny or those specified in a subsequent *Academic Bulletin*. Students may not select an *Academic Bulletin* previous to the term in which they first matriculated.

- ○ Students who wish to adopt a new set of graduation requirements will be subject to all major, minor, distribution, and any other requirements of their new Bulletin and must complete a form in the Office of the Registrar at least one semester prior to graduation. These changes may not be made during the Spring semester for an August or September graduate, but may be made during the summer for a January graduate.
- ○ In no case may a student qualify for graduation by meeting various requirements set forth in two different *Academic Bulletins*. In particular, students may not use self-designed majors or minors to circumvent this rule.

- **Requirements for Transfer Students**
- Transfer students must complete all of the graduation requirements listed above, with the following exceptions:
- Transfer students do not need to complete SWS 200 **if** they have received transfer credit for equivalent coursework.
- For transfer students, departments may make exceptions to policies regarding the number of credits or courses in the major or minor that must be taken on a letter-grade basis.

Useful Resources

Academic Calendar

Click to be directed to calendar.

Link
https://sites.allegheny.edu/registrar/academic-calendars/

Course Information

Courses are classified in areas of study as follows:

Interdisciplinary Studies
Black Studies -/m, Community and Justice Studies M/m, Data Science M/m, Education Studies -/m, Energy and Society -/m, Environmental Science and Sustainability M/-, Global Health Studies M/m, Healthcare Management M/-, Informatics M/m-, International Studies M/-, Jewish Studies -/m, Latin American and Caribbean Studies -/m, Middle East and North African Studies -/m, Public Humanities M/m, and Women's, Gender, and Sexuality Studies M/-

Languages, Literature, and Culture
Arabic -/m , English--Emphasis in Creative Writing M/-, English--Emphasis in Literature M/-, English -/m, Environmental Writing -/m French -/m, German -/m, Journalism and Documentary Storytelling -/m, Spanish M/m, and Writing -/m

Mathematics and Natural Sciences
Astronomy -/m, Biochemistry M/-, Biology M/m, Chemistry M/m, Computer Science M/m, Mathematics M/m, Neuroscience M/-, Physics M/m, and Software Engineering M/m

Social and Behavioral Science
Business M/-, Economics M/m, Political Science M/m, and Psychology M/m

Values and Societies
Communication and Cultural Studies M/m, History M/m, Philosophy M/m, and Religion in American Life -/m

Visual and Performing Arts
Art, Science, and Innovation M/m; Dance and Movement Studies -/m; Filmmaking -/m; Industrial Design M/-, Music -/m, Studio Art M/m; and Theatre M/m

Registration Schedule

Click here

Each student has been randomly assigned a registration letter, which they can find in the WebAdvisor account. This letter determines the order in which the student will register. The order rotates each semester.

Exam Schedule

The exam time for a course is designated by letter code in the course descriptions posted on Self-Service. Prior to registration for each semester, the scheduled time for each letter code is published on the Academic Calendars Page maintained by the Registrar's Office. Students are required to arrange travel and vacation plans to allow them to take all exams at the scheduled time. Please see the Tests, Papers, and Examinations Policy for approved exceptions to this rule.

Declaring a Major/Minor

To declare a major and a minor, students must complete the Major/Minor Declaration Form and submit it to the Registrar's Office. Students should know that the faculty advisor for their graduation major will become their primary academic advisor, and they will need the new advisor's approval to register for classes after declaring the major.

Students may change or add majors and minors at any time provided that their program continues to meet the college requirements (see below). To change a major or add an additional major to a student's program once he/she has declared a major, please use the Change of Major Form. To change or add a minor, use the Change of Minor Form.

Requirements for the Major and Minor
Students are required to declare a major and minor no later than the semester after they have earned a total

of 48 credit hours. In practice, this means that most students will need to declare a major and minor no later than the middle of the second semester of the sophomore year to be allowed to preregister for classes the following Fall. Students who enter with credits from AP exams, college work in high school, etc. (see Degree Audit) may need to declare a major and minor earlier in their academic careers. Students must initially declare at least one major (the "graduation major") and either a minor ("the graduation minor") or a second major. The graduation minor or second major must be in a different area of study (see Course Information) from the graduation major. If a student completes a second major instead of a graduation minor, the two majors must be in two different areas of study of the College. If a student completes additional minors beyond the College requirement, each must include a minimum of 8 credits completed in residence at Allegheny College.

Changing Your Graduation Requirements

Students follow the graduation requirements outlined in the A*cademic Bulletin* published in the year they first came to Allegheny College. So, for example, if you entered the College in 2017, you are subject to the graduation requirements outlined in the 2017-2018 *Academic Bulletin*. For most students, this will work out fine, but some students may wish to declare a major or minor that was not available in the year they came to the College. If you wish to change the *Academic Bulletin* that you are following, please see the "Change in Graduation Requirements" page on the Registrar's website.

Degree Audit

The Degree Audit is a useful tool to help faculty advisors and students determine what requirements a student needs to fulfill to complete his/her degree. Please note that the program does have some limitations – for example, it calculates the total credits in a student's major but does not explicitly compare them to the minimum required.

To access the Degree Audit, first log on to Self-Service. Select "My Progress" under "Student Planning".

When the Degree Audit comes up, scroll down to see each set of degree requirements (First-Year/Sophomore Requirements, Major, etc.)

When a student declares or changes a major or minor, his/her Degree Audit will be updated with the appropriate major and minor requirements for the program.

Transferring Credits From High School/AP and CLEP Exams/Other Collegiate Institutions

Transfer credit is limited; students must complete a minimum of 64 credits through Allegheny to be eligible to graduate. First-years may transfer in a maximum of 42 credits of coursework completed prior to matriculation. This includes credit by examination (AP etc.; see next paragraph), college-level courses offered at high schools through accredited colleges and universities, and qualifying coursework taken at an accredited college or university. If a first-year student wishes to transfer in more than 42 credits (up the 64 credit maximum for all students), they must contact the Office of the Registrar.

Credit by Examination

Students may receive a maximum of 20 credits at Allegheny by participating in the Advanced Placement (AP) Program of the Educational Testing Service, the College-Level Examination Program (CLEP), and International Baccalaureate (IB) programs prior to matriculating at Allegheny. Students who receive scores of 4 or 5 on an AP examination will receive academic credit. Placement is determined by the appropriate academic department. AP credit is awarded only after we receive the official examination scores from the Educational Testing Service.

Individuals who perform well on certain CLEP tests may receive both credit and placement, usually at the firstyear or sophomore levels. Students who score five or better on the higher examinations of the IB testing programs may be granted credit and placement by some departments.

Credit by Transfer from Other Collegiate Institutions

Allegheny accepts transfer credit from other collegiate institutions **provided** the work satisfies the following criteria:

- The course is taken at a regionally or nationally accredited institution
- The course is taught at a college (non-remedial) level
- The course is of a liberal arts (not vocational or technical) nature
- The course is taken on a letter-grade basis.
- The student earns a grade of "C" or better. Please note that grades of "C"-minus do not transfer.
- Allegheny receives an official transcript from the other institution verifying that the course has been successfully completed.
- Accepting the transfer credit does not violate the College " academic residency" requirements that: a) no more than 64 credits towards the minimum number required for graduation may be transfer credits; and b) the last 16 credits towards graduation must be taken "in residence" (i.e., students must register for their final 16 credits through Allegheny).
- If taken prior to summer, 2014: the course must have been taught in a classroom setting, not on-line.

Students planning to take coursework elsewhere are strongly urged to have the courses pre-approved to ensure they meet the criteria for transfer. *Please be aware that students may not take courses at Allegheny and at another institution during the same term* (see the Concurrent Enrollment Policy).

Please note that *Allegheny transfers in the number of credits awarded by the other institution*. Thus, a course worth three semester credit hours taken elsewhere will transfer in as three credits, even if a seemingly similar course at Allegheny is a four-credit course. Students using transfer credit to satisfy distribution requirements should pay close attention to this provision. For example, the Natural Science distribution requirement specifies eight credits of science, not two courses. For institutions that do not use semester credit hours (e.g., colleges on the quarter system), the institutional credits are converted to the equivalent number of semester credit hours.

Once the course has been completed, the student must arrange with the institution where the course was taken to have an official transcript sent to: Office of the Registrar, Box 41, Allegheny College, 520 N Main St, Meadville, PA 16335. Transfer credit will not be processed until the Allegheny Registrar

receives an official transcript showing that the course has been successfully completed with a grade of C or better.

Adding/Dropping/Waitlisting Classes

Please see here for the overall structure of registration.

Add/Drop:
 The Change Period Students may add and drop 14-week courses through the first two weeks of the semester. Students may add or drop seven-week courses through the first two weeks of the module in which the course is offered. Students should be aware that, after a class starts, instructors will become increasingly reluctant to admit additional students. Courses dropped will not appear on the official transcript but will appear, as appropriate, on the academic record.

Waitlisting
 As part of the registration process, student routinely email instructors to ask to be placed on a waitlist or to ask instructors to "save them a place" in a course. This happens for several reasons. First, the course may be closed and they'd like a spot if one opens up. Second, the student has been placed on registration hold because of outstanding bills with the College. In this case, the student is trying to make sure she/he won't be shut out of desired courses while the matter is being cleared up.

Different instructors and different departments have their own guidelines for handling these requests, but it never hurts to advise students to try this path for situations indicated above.

Referring Students to Other Resources

Maytum Center for Student Success

Contact Information

Location: Pelletier Library
Phone: (814) 332-2898
Email: studentsuccess@allegheny.edu
Website http://sites.allegheny.edu/maytum-center-student-success/

Professional Staff Services

The professional staff are available Monday through Friday, 8:00 a.m. to 5:00 p.m. for assistance with **study skills, time management, and academic advising**. Students often meet with the Student Success staff to complete a four-year academic plan, develop a daily study schedule, get help understanding the nuances of syllabi, and discuss effective study strategies.

Academic Alerts

Academic Alerts allow faculty to share concerns with Student Success, Class Deans, and other appropriate staff in a way that is easy to track and archive. Academic Alerts are the primary means through which Student Success and others become aware that a student may need additional help understanding course material or developing better study skills. Once submitted, Academic Alerts become

part of a student's official educational record and are subject to FERPA. For more information see appendices: Academic Alerts.

See Academic Alerts for an elaboration on these points.

Tutoring

Student Success coordinates tutoring support in a variety of disciplines via individual, drop-in, and course specific formats. Peer tutors are recommended and trained by faculty and Student Success. Tutors are either paid through the work study/campus employment or receive academic credit. There is NO additional charge for tutoring. Students interested in tutoring should connect with their course instructor and Student Success.

Writing and Speaking Consultants

Drop-in consultation hours are from 3-5 pm and 7-11 pm Sunday through Thursday. Students may schedule appointments through the Google Calendar online scheduling service or go to the Maytum Center for Student Success and ask to meet with a consultant on a first-come, first-served basis. Writing consultants also offer synchronous on-line consultations through the Google Suite. Drop-in consultations last for 30 minutes and begin and end on the hour and half hour. Consultants are available to do brief (5-10 minute) class presentations in which they offer an overview of consultations and the processes for drop-ins and matches.

Writing Consultants

Writing Consultants assist and support writers of all skill levels at any stage of the writer's process. Consultants are peer educators, not professional editors or proofreaders; by acting as skilled audience members and rhetorical listeners, they help writers see their strengths and give them strategies to improve their challenges. Consultants actively engage with writers by asking questions, giving feedback, and demonstrating techniques that writers can apply to future writing tasks. Another option is to request a matched writing consultant. A writing match is a semester-long commitment, and works best for students serious about meeting regularly with a consultant to work intensively on their writing, whether they have a writing assignment due or not.

Faculty may contact the Director of Writing, Alexis Hart, to schedule in-class consultations in which two or more writing consultants conduct group and/or individual consultations with students during a regularly scheduled class meeting. Consultants are available to conduct workshops in class or outside of class on focused topics such as invention/brainstorming, thesis statements, organization, documentation, etc. Please contact the Director of Writing to request a workshop.

SWS 105 faculty may request to be partnered with a "connected consultant," a designated writing consultant who is connected to the SWS 105 section and commits one hour a week to individual and/or group consulting appointments reserved for the students in their connected SWS 105 section. The SWS 105 students are also welcome to make appointments with their connected consultant during the consultant's drop-in hours in the Maytum Center for Student Success. Connecting a designated consultant

to an SWS 105 class can facilitate first-year students' access to peer educators. In addition, by introducing and collaborating with the consultant (e.g., sharing writing assignments ahead of time, having the consultant facilitate writing workshops -- either during class, if available, or during their designated consulting hours) faculty can also benefit. Interested faculty should contact the Director of Writing.

Grammar Tutors

Grammar tutors are available in the Maytum Center for Student Success to assist with specific concerns regarding surface-level grammar and mechanics, but they are also not proofreaders.

Speaking Consultants

Speaking Consultants are trained to assist students across the curriculum with crafting and improving an array of oral messages such as speeches, class presentations, and leading class discussions. Consultants are not trained to teach public speaking; rather, they act as an audience with knowledge of effective oral message design and performance, asking students to consider the efficacy of the communicative strategies in light of their audience, the occasion for the presentation, and its purpose. Consultants do not just address the performative dimensions (delivery) of oral messages, they can support and assist students at any point of the inventional process including: selecting a topic, generating supporting ideas, organizing ideas and questions.   Faculty may contact the Director of Speaking, Jon Wiebel, to schedule a mock consultation in which two speaking consultants demonstrate the consultation process. Mock consultations, lasting (15-20 minutes), model the process students will engage in during a speaking consultation.

Class Deans

Contact Information

Location: Pelletier Library
Phone: (814) 332-2898
Email: studentsuccess@allegheny.edu
Website (https://sites.allegheny.edu/studentsuccess/class-deans/)

Who We Are

Aacha Gregg, First Year Class Dean   agregg@allegheny.edu
Amy Stearns, Second Year Class Dean/Director of Transfer Advising   astearns@allegheny.edu
Carene Shipley, Third/Fourth Year Class Dean   cshipley@allegheny.edu

What We Do
- Connect students to resources and opportunities to help fulfill their educational goals.
- Provide a Dean who is dedicated to the oversight and guidance of each class year.
- Establish one-on-one relationships between the students, their class dean, and other resources on campus.
- Help students develop educational goals and complete their graduation requirements.

- Collaborate with faculty to support student success in the classroom.
- Facilitate access to academic and non-academic support services.
- Support student transitions as they navigate their undergraduate years.
- Helps students successfully complete their academic career and personal goals.
- Work with the Residential Education Office to provide holistic support in and out of the residence hall.

Ways We Support Students

We collaborate with faculty advisors and staff members from many other offices across the College to help make sure all of our students have the support they need to realize their goals.

We enjoy meeting and getting to know students throughout the year. We meet with students to discuss academic advising, personal issues, and College policies. We can provide information about College resources and make referrals as needed. And if you are experiencing any academic difficulties, we encourage you to meet with your dean.

You are invited to schedule individual appointments with your class deans to consult about various academic, personal, and social issues. These include:

- selecting courses
- identifying and structuring a major
- planning for off-campus study
- arranging for leave term opportunities
- resolving personal and family encumbrances or hardships
- maximizing the Allegheny experience (academic and co-curricular)

How Class Deans can be a Resource for Faculty

Class Deans are experts in addressing the needs of the whole student, allowing you to focus on your expertise of teaching, advising, and mentoring our students. As much as class deans are a resource for students, they are also a resource for faculty in a variety of areas:

- Address a student concern you aren't comfortable addressing
- Help you navigate a situation you are having trouble with
- Help with those non-academic processes such as financial holds (outstanding balance), Satisfactory Academic Progress (continued eligibility for financial aid), etc.
- Outreach to family

Dean for the Student Expreience

Contact Information

Ian Binnington - Dean for the Student Experience
ibinning@allegheny.edu

The Honor Code Process

Please see information on the Honor Code here
https://sites.allegheny.edu/studentsuccess/academic-honor-program/.

Please use the "Report an Incident" Link on the above page to report an Honor Code Violation.

There is also a guide for faculty here:
https://sites.allegheny.edu/studentsuccess/academic-honor-program/academic-honor-program-information
-for-faculty/

Please contact honorcommittee@allegheny.edu with questions.

Please us this form to report suspected Honor Code violation –
https://cm.maxient.com/reportingform.php?AlleghenyCollege&layout_id=2

The Allegheny Student Government and Faculty adopted an honor system in 1960 that, since 1964, has applied to all students admitted to the College. The Honor Code is printed in the Compass and is administered by a student Honor Committee, advised by a faculty member (Matt Betush) and the Dean for the Student Experience (Ian Binnington). The Honor Code was most recently revised for the 2024-2025 academic year. If a faculty member suspects that a student has violated the Honor Code, the following procedure generally should be followed:

1. The instructor should arrange a meeting with the suspected student and describe the instructor's reasons for a possible Honor Code violation. After discussing the case with the student, the instructor may choose to withdraw the complaint or forward it to the Honor Committee. **All work/exams should be signed by the student: "This work is mine unless otherwise cited".**
   - If faculty have questions before they submit a case, they are welcome to contact the Honor Committee or the Dean for the Student Experience.
2. If the student takes genuine responsibility for their violation, if they are eligible, and all parties agree, then a mutual agreement process will be followed. The student will be asked to meet with the administrative advisor to the Honor Committee and will then be asked to answer the following questions: 1) What specifically happened and why?; 2) What were the individual decisions that led to this violation and what different decisions could have been made?; 3) Who has been affected by actions and how have they been affected?; and 4) What concrete practices can you put in place to ensure that no further violations of academic integrity occur? If the Honor Committee case chair and the administrative advisor to the Honor Committee believe that the student has answered honestly and with self reflection, then the matter is mutually agreed and will be closed.
3. Faculty will retain the power to assign any grade sanctions.
4. If the student **does not admit** to violating the Honor Code, or if the student is ineligible for a mutual agreement then the case will be forwarded to the Chairperson of the Honor Committee. If the Honor Committee determines that it is more likely than not that a violation of the Honor Code has occurred, then the case will be forwarded to the Campus Life and Community Standards Committee. If not, the case may be dismissed by the Honor Committee.

5. If the Honor Committee forwards the case to the Campus Life and Community Standards Committee, the instructor will be asked to participate in the Campus Life and Community Standards Board hearing. If the accused student is found responsible for violating the Honor Code, the Campus Life and Community Standards Board will recommend an academic course work sanction to the instructor and will assign college sanctions.
6. If the case is not resolved prior to the end of the semester in which the alleged infraction occurred, the instructor should post an incomplete grade in the course. If the alleged infraction is discovered after final grades have been posted, the instructor should contact the Dean for the Student Experience. The instructor should submit a final grade or a grade change once the case is resolved.
7. Faculty members are strongly encouraged to notify students at the start of each course of expectations regarding footnoting, citations, use of translations, group study and expectations of group projects, and whether cell phone/electronic devices are permitted during exams. **All work/exams should be signed by the student: "This work is mine unless otherwise cited"**.

Student Leaves and Withdrawals - Please see Academic Bulletin

Student Accessibility and Support Services

Contact Information:

Associate Dean for Academic Support/Director of Student Accessibility and Support Services, John Mangine 814-332-2898, jmangine@allegheny.edu
Website

Student Accessibility and Support Services (SASS) is charged with reviewing relevant documentation in order to verify a disability that qualifies for academic accommodations.

We are very aware that the issue of providing academic accommodations for students with "non apparent" disabilities (i.e. learning disability, attention deficit disorder, traumatic brain injury, psychiatric, and chronic health problems) is not universally understood. Our office does all that it can to keep up with relevant research and legal decisions to guide us in accepting/rejecting documentation as well as recommending reasonable and appropriate accommodations.

Referring Students to Student Accessibility and Support Services

Concerned faculty members regularly contact SASS with questions about a student that they feel may have a disability. While SASS obviously desires that all students with disabilities receive the necessary accommodations, it is the responsibility of the student to initiate contact with SASS.

All students admitted to Allegheny are sent a disability "self-disclosure" form. If this form is returned, the student will be made aware of services that Allegheny offers pertaining to the disability that the student lists on the self-disclosure form. Students may also disclose a disability to SASS at any time during their time at Allegheny.

Unlike high school, where teachers actively refer students to special education services, we must remember that college students are adults, and privacy is a major consideration. As a result, if you have a student that you feel qualifies for services from SASS, your referral to the SASS office needs to be informational and supportive as opposed to directive or authoritarian.

We recommend questions such as "Did you know that Allegheny has a Student Accessibility and Support Services Office?" or comments such as "That is a concern that the folks in the SASS Office would be happy to discuss with you. Do you know where that office is located?" Since the student's privacy is a concern, we recommend that this type of discussion take place in your office or discretely before or after class. Some students have a disability (particularly a learning disability or a psychiatric disorder) of which they are not aware. Others are aware, but choose not to disclose.

Informing a student of the SASS office is not a violation of privacy, as the individual will make the decision as to whether to follow up. Of course, if a student has asked for a disability related accommodation, the referral is appropriate and necessary.

Health and Wellbeing

Meadville Medical Center @ Winslow Health Center

Contact Information

Location: Winslow Health Center - located in Schultz Hall
Phone: 814-332-4355
Email: N/A - if you have questions about the service please contact wellness@allegheny.edu
Times: Monday - Friday 10:00 a.m. - 3:00 p.m. (*last student check-in is 2:30 p.m.*)
　　　Students may walk-in and be seen on a first come, first served basis.

Crisis Response: Utilize 911
Virtual Option: N/A

On Campus Options:

- Allergy injections *(please call if you are planning to have your injections done on-campus)*
- Diagnostic laboratory testing *(rapid strep screen, urine analysis, pregnancy test, etc.)*
- Influenza vaccine -seasonally
- Illness/injury care and follow-up
- Physical examinations *(health-care and drivers license physical only:* travel abroad not offered*)*
- Referrals to community health providers / specialists
- Women's health and reproductive services *(appointment required)*
- Screenings for sexually transmitted infections (STIs) - *through Family Planning of Meadville*

Requesting Services:
Students may walk-in and be seen on a first come, first served basis.

Student's insurance will be billed. Students should bring a physical copy of their insurance card to their appointment.

If students require physicalhealth assistance after hours please contact:

Vernon ExpressCare
16322 Conneaute Lake Road
Phone: 814-337-3300
Hours of Operation
Monday-Saturday 8:00 AM - 8:00 PM
Sunday 8:00 AM - 4:00 PM

MedExpress Urgent Care
18471 Smock Hwy.
Phone: (814) 333-3627
Hours of Operation
7 days per week, 8:00 aAM - 7:00 PM

Edinboro Counseling and Psychological Services @ Winslow Health Center

Contact Information

Location: Winslow Health Center - located in Schultz Hall
Phone: (814) 332-4356 (student life number)
Email: wellneww@allegheny.edu
Time: Monday - Friday by appointment only

Crisis Response: *ECPS is NOT a crisis resource. In the event that a student is experiencing a mental health crisis, please call the Suicide and Crisis Lifeline by dialing 988 or contact Public Safety by calling 814-332-3357*

On Campus Option: Allegheny College has contracted with Edinboro Psychological Services to provide in person, on campus counseling. Students will have a limited number of sessions, but additional sessions may be granted based on clinician recommendation and availability. **Student insurance will be billed.** Students who cannot use their insurance may request to have their sessions funded through the College. Please send all inquiries regarding financial need to wellness@allegheny.edu.

Requesting Services: Students can request services by calling 814-734-3975 (ECPS Main Office) to schedule an appointment with a therapist on campus. If students have any questions or concerns or scheduling or services they can email wellness@allegheny.edu with questions. Faculty, staff, and administrators can refer students by emailing wellness@allegheny.edu.

What to do when concerned for a student:

- Mild/Moderate concerns (such as missing classes, late turning in assignments, changes in behaviors), faculty/staff/administrators can email wellness@allegheny.edu and speak with the Wellness Case Manager regarding their concerns.
- Severe concerns (such as comments about hurting self or others, concern for physical safety, significant changes in mood/behaviors, etc.) faculty/staff/administrators should reach out to either Public Safety (814-332-3357) or the Student Life Office (814-332-4356 or deanofstudents@allegheny.edu and request a wellness check.

98point6 CampusCare Telehealth app

98point6 is a telehealth app that can downloaded onto smartphones both smartphones and tablets via the app store (works for both iPhone and Android users)

Students can receive up to (36 physical or behavioral health appointments) - double check this fact) with a licensed professional 24/7 on their device anywhere in the continental U.S.

This service is at no additional cost to the student. The service does not bill insurance. For students where financial concerns are present, this is a good option to advise students towards. Currently enrolled students are also eligible to use 98point6 Campus Care during breaks (fall, winter, spring and summer) within the United States.

Please contact wellness@allegheny.edu with any questions.

Dean For Student Life

Contact Information

Location: Campus Center, 3rd Floor
Phone: (814) 332-4356
Email: deanofstudents@allegheny.edu
Website

Staff

- Trae Yeckley PhD, LMFT - Dean for Student Life
- Tricha Young - Executive Assistant/Office Manager
- Jenn Panko - Receptionist
- Gretchen Beck - Associate Dean for Student Life
- Marko Sadikovic - Director of Operations
- Josh Guthrie - Wellness Case Manager
- Isaiah Romain - Student Conduct Coordinator

Departments

- Residence Life
- Spiritual and Religious Life
- Student Leadership and Engagement
- Public Safety
- Winslow Health and Wellbeing Center
- Student Conduct

Mission Statement:

The Office of Student Life supports the mission of Allegheny College by providing a safe and nurturing environment conducive to students' intellectual pursuits, wellbeing, and growth by placing an emphasis on building a sense of community, appreciating cultural and spiritual diversity, promoting social interactions through clubs and organizations, to develop students holistically and engage in the world successfully.

Residence Life

Contact Information:

Location: Campus Center, 3rd Floor
Phone: 814-332-3865
Email: reslife@allegheny.edu
Website https://sites.allegheny.edu/residence-life/

Roommate/Housing Issues:

If a student is having a roommate conflict, they can talk with the Resident Advisor (RA), who can make suggestions and help mediate the conflict. Other resources are their Head Resident Advisor (HRA) in their building and/or their Residence Life Coordinatior (RLC) in the Office of Residence Life. If mediation does not help the situation, room changees are allowed, provided that space is available. Room changes should occur only after the Office of Residence Life grants permission and will only be permitted during approved room change periods.

Career Education

Phone: (814) 332-2381
Website http://sites.allegheny.edu/career/contact-us/

Career Education Staff

Brian Collingwood, Executive Director   bcollingwood@allegheny.edu
Autumn Parker, Career Advisor   aparker@allegheny.edu

Career Education is committed to facilitating student success by connecting students and alumni with resources that support career and life planning. Career Educators network with various partners, both on and off campus, to develop internships, and job shadowing opportunities, educational programs, and employment leads to help students attain their personal and professional goals.

Center for Political Participation (CPP)

Phone: (814) 332-6202 or (814) 332-6201
Website

CPP Staff

Andrew Bloeser, Director   abloeser@allegheny.edu or cpp@allegheny.edu

The Center for Political Participation (CPP) coordinates civic education and civic engagement programs at Allegheny College.It organizes the college's co-curricular Law & Policy Program, which connects students with practical learning opportunities inside and outside the classroom.It is the college's primary resource for voter registration and electoral participation. It also coordinates research about political participation that involves both faculty and students.Through a diverse offering of collaborative research, community-based learning, public lectures, workshops, and student fellows programs, the CPP is the region's preeminent resource for liberal arts programming for the public good.

Community Impact Hub

Location: Pelletier
Website

Contacts:
Dr. Lauren Paulson: lpaulson@allegheny.edu
Dr. Brian Miller: bmiller2@allegheny.edu

Allegheny College's Community Impact Hub supports efforts to build a more just, resilient, and flourishing place. Through this collaborative network, students are mentored to apply and integrate their knowledge, develop leadership skills, discern career paths and develop a commitment to engaged citizenship.

Global Education

Location: Pelletier
Phone: 814-332-3364

Brita Doyle, Assistant Dean for Global Education   bdoyle@allegheny.edu
Angel Astaria, International Programs Manager   aastaria@allegheny.edu

The Global Education office provides opportunities for students to study and intern in the USA and around the world during the fall, spring, and summer terms in credit bearing study away programs. We offer academically enriching programs which challenge students of all majors to step outside of their comfort zone while immersing in another culture. Students earn transfer credit toward their Allegheny degree and are able to utilize their financial aid package when participating in a sponsored fall or spring program. Through pre-departure and reentry coursework, the global education office assists students with the process of navigating our complex and interconnected world. Learn more at https://sites.allegheny.edu/global-education/.

Quick Links:

- Major Specific Study Away Advising Guides
- Course Equivalency Process
- Financing Study Away
- Submit a Proposal to Lead a Global Learning Seminar

International Student Services

Location: Pelletier
Phone: (814) 332-4891
Website

International Student Services (ISS)

Lenée McCandless, Assistant Dean for International Student Services   lmccandless@allegheny.edu
Angel Astaria, International Programs Manager   aastaria@allegheny.edu

International Student Services (ISS) supports the international student and scholar population by advising on immigration, academic, personal and cultural matters. Through individualized cross-cultural advising and peer mentoring programs, ISS helps to develop and enhance students' intercultural knowledge and the skills necessary to navigate a complex and interconnected world.

Community Engagement

Website:

Colin Hurley   churley@allegheny.edu

Community Engagement supports and connects students to the campus and broader community through engaged opportunities, including service, coursework, research, and student employment. Programming often occurs using an intentional student service leader model that is built with students from diverse backgrounds while working alongside a variety of community partners. Success is realized through sustained partnerships where mutually beneficial relationships promote the growth and wellbeing of both the students and the general community.

Nationally Competitive Fellowships

Location: Pelletier
Phone: (814) 332-2779
Website (https://sites.allegheny.edu/smp/)

The Nationally Competitive Fellowship Office helps students identify and apply for distinguished off-campus funding opportunities. Some of these scholarships are for study in the U.S., some for study abroad. Some of them fund undergraduate work, while others are meant to help pay for grad school. There are programs for people wanting to get out in the world and get busy and programs for people who want to burrow so deeply into the library that they forget how to get out again. After completing an application, students know tremendously more about both themselves and their path. Nearly everyone who has ever held one of these fellowships identifies the experience as a vital and undeniable turning point.

Pre-Professional Advising

Location: Pelletier
Phone: (814) 332-2845
Website

Pre-Health Professions Staff

Kirsten Peterson, Senior Assistant Dean, Student Success   kpeterso@allegheny.edu

Pre-Legal Professions Staff

Kirsten Peterson, Senior Assistant Dean, Student Success   kpeterso@allegheny.edu

Pre-Education Studies Staff

Jennifer Franz, Coordinator of Education Studies   franz@allegheny.edu

Pre-Professional Advising supports pre-health, pre-law and pre-education students by providing them with the tools and experiences to help them succeed. In addition to individual advising, students have access to workshops, shadowing opportunities, field experience, assistance with preparing applications and test preparation.

Undergraduate Research, Scholarship & Creative Activities (URSCA)

Website https://sites.allegheny.edu/research/

Matthew Venesky, Director   mvenesky@allegheny.edu

The Office of Undergraduate Research, Scholarship, and Creative Activities (URSCA) promotes student research and scholarship through numerous programs and events during the academic year and the summer. During the academic year, the Office of URSCA organizes on-campus presentations of student projects, assists in building collaborations between students and faculty members, and provides information and financial support to students who wish to present the outcomes of projects off-campus at professional and/or academic conferences. The Office of URSCA also reviews student proposals for the Student-Faculty Research Program each summer. During the summer, the Office of URSCA organizes and oversees the programming for students participating in research, scholarship, or a creative project (including the Allegheny College Research Seminar Series; "ACRoSS").

IDEAS Center - Inclusion, Diversity, Equity, Access, & Social Justice Center

Contact Information
Location: Campus Center, 308
Phone: 814-332-3353

Natalie C Brown, Director   mbrown@allegheny.edu

The IDEAS Center is the heart of inclusivity and authenticity on campus, offering a safe and welcoming space for everyone. It stands as a social and emotional sanctuary, championing the voices and experiences of historically underrepresented student populations. At the IDEAS Center, we cultivate a brave and empowering environment for open dialogue, transformative programming, and essential support. We are dedicated to fostering a deeper understanding of inclusion, diversity, equity, access, and social justice, making it a cornerstone of the Allegheny College experience.

Spiritual and Religious Life

Contact Information
Assistant Dean for Spiritual, Religious and Personal Well Being
Office: Student Life Suite 311 C
Phone: 814-332-4791
Email: srl@allegheny.edu
Website

Services

The Office of Spiritual and Religious Life (SRL) provides a number of resources to support students of any religion, secular, or spiritual identity, and works with other campus groups and offices to explore larger questions of meaning and life goals. Please visit our website or contact our office with questions that you or your advisees have about specific programs or services.

Resources for Religious Students

Religious clubs and services are offered on campus for many religions (see list below), and the SRL office can help connect students with religious communities in the area. The Prayer and Meditation (PAM) Retreat (red house next to Arter) offers dedicated rooms for Muslim prayer, Hindu prayer, and meditation. Students who want access should contact the SRL Office for the access code. Quiet hours in Ford Chapel provide space for any student to pray, meditate, or reflect.

In addition to supporting specific religious groups, SRL hosts programs and events for students to interact with those of other religions and to learn about religious differences. Similarly, religious groups may hold private rituals for their members, and a second, more public celebration that is open to anyone on campus as a way to both share their traditions and help educate the campus community. Examples of such public rituals are Hillel's campus-wide Passover Seder and ICA celebrations of Eid. The annual SRL Week offers coordinated programming to the campus community around a specific theme.

Intersectionality

Many students go through religious transitions while they are in college, which may include questions about sexuality, race and ethnicity, and other identities as they relate to religious beliefs. As part of the Office of Diversity, Equity and Inclusion, SRL offers space safe for them to raise any questions about such intersections. If students feel more comfortable talking with their academic advisors, SRL can be a resource for that conversation.

Religious Holidays

A calendar of religious holidays is posted on the SRL website, with guidelines for faculty, athletics, and programming units on how to facilitate and support students' religious observance. Please note that the Islamic month of Ramadan now falls during the academic calendar (it moves forward about 11 days each year). During this time, Muslims fast from food and drink from sunup to sundown, so fasting students may need accommodations in order to perform their best on assignments, especially in classes that meet late in the day. Please contact the SRL Office if you have advisees who need assistance or have questions about what support is available..

All Students

Students who are not active in a religious tradition still seek places to connect and to talk about questions of meaning, purpose, and vocation. The SRL office is available for non-religious students, or those who consider themselves "spiritual but not religious," and it offers programs about the spiritual aspect of nature, music, and other experiences. SRL welcomes nonreligious students who need someone to talk to and will refer students to the Counseling Center if it seems appropriate.

Mindfulness

As a part of campus wellness programs, SRL helps to provide opportunities for meditation, yoga, and other practices that can help students improve focus and balance in their busy schedules.

Vocation

The SRL office works with Career Education to help students explore the idea of being called to a specific type of work. SRL offers resources for students considering religious vocation, as well as more general resources on calling, all of which are accessible through the College Library system. Allegheny is an institutional member of NetVUE (Network for Vocation in Undergraduate Education), so faculty and staff have access to online materials, workshops, conferences, and grants to help identify and nurture students' sense of call, including resources to assist faculty advisors.

On Campus Religious Services

Visit the SRL website for any changes to this schedule

- Sun, 6:30 pm Roman Catholic Mass, Ford Chapel
- Fri, 1:00 pm, Jum'ah prayers for Muslim community, Prayer and Meditation (PAM) Retreat
- Fri, 5 pm Shabbat Service and/or Dinner, Jewish Community Center or Hillel House

Religious Clubs

Visit the SRL website for meeting times and places.

- Allegheny Christian Outreach (ACO)
- Fellowship of Christian Athletes (FCA)
- Hillel (Jewish)
- Islamic Cultural Association (ICA)
- Newman Catholic Campus Ministry

While not defined as a religious club, South Asian Student Society (SASS) celebrates the Hindu holidays and provides support for Hindu students.

For assistance or additional information feel free to contact us:

- Saruni Lemargerol, Assistant Dean for Spiritual, Religious and Personal Wellbeing (slemargerol@allegheny.edu)

Financial Aid

Contact Information

Location: 454 House
Phone: (814) 332-2701
Website

Federal Work Study

The Federal Work-Study student employment program is a program provided to students who are not selected as Resident Advisors through the Office of Residence Life. It is funded partially by the federal

government partially by the institution and is based on demonstrated financial need. Participating students usually work an average of 12 hours per week when school is in session to earn the maximum allotment as reflected on the financial aid award letter. Students eligible for Federal Work-Study may work in on-campus positions, or at one of the cooperative non-profit agencies within the Meadville area. Federal Work-Study is not deducted from the college bill. Students receive a monthly paycheck for hours worked. Employees are paid at least the minimum Federal hourly wage. Students and supervisors are responsible for completing all required forms before the student is permitted to begin working.

Campus Employment

Campus Employment is a program provided to students who do not qualify for Federal Work-Study and who are not selected as Resident Advisors through the Office of Residence Life. Students with Campus Employment may be hired to work in many of the regular student worker positions on campus. However, for the off-campus work-study positions preference is given to Federal Work-Study students. Participating students usually work an average of 10 hours per week when school is in session to earn the maximum $2,000 (International students may earn up to $2,500). Employees are paid at least the minimum federal hourly wage. Campus Employment is not deducted from the college bill. Students receive a monthly paycheck for hours worked. Students and supervisors are responsible for completing all required forms before the student is permitted to begin working.

TO APPLY FOR A JOB:

- Visit the Student Employment website to obtain a job application and view a list of student job openings.
- Complete a job application and submit it to the supervisor of the job.
- Follow up with the supervisor about any additional applications required and to arrange an interview.

How Work-Study and Institutional Employment Affect Hours and Jobs

For academic reasons, it is recommended that the student work no more than 10-12 hours per week for all combined jobs, but they **cannot** exceed 20 hours per week during the academic year. The amount of hours worked per week depends on the work award for the year. To find the maximum number of hours a student can work, divide the total work award by 26 (for weeks of employment), and then divide by the hourly rate of pay.

Under federal regulations, the College must monitor earnings for each student. **It is the responsibility of the supervisor and the student to budget allotted time and money accordingly so a student does not exceed maximum earnings.** WebAdvisor will track hours worked by a student. A student **must stop working** when he or she reaches the maximum allotted earnings (for all jobs combined).

Satisfactory Academic Progress Policy

Federal regulations require that all federal financial aid recipients maintain minimum satisfactory academic progress (SAP) to receive financial assistance. A financial aid academic progress policy is required in addition to the institution's general academic policies.

To receive federal financial aid, students must *successfully* complete at least a minimum number of credits every semester of full-time enrollment (see chart below.) Only non-repeated coursework will count toward course completion; however, in cases of repeated courses only the most recent grade will be used to determine the cumulative grade point average.

At Allegheny College, a full-time student is expected to complete all degree requirements within a maximum of 10 semesters (five years). Students may not receive federal or institutional aid after registering for 192 credits, or institutional aid after 10 semesters of financial assistance, regardless of the number of credits completed.

Students are also required to meet a qualitative measure of academic performance in order to receive federal financial aid. After two semesters of full-time enrollment, a student must achieve a cumulative grade point average of at least 1.00, a 1.50 cumulative grade point average after three semesters of enrollment and after four semesters of enrollment, a student must achieve a cumulative grade point average of at least 2.00 in order to receive federal financial aid.

Satisfactory academic progress is measured annually after the conclusion of spring semester by the Financial Aid Office. The chart below lists the qualitative and quantitative measures used by Allegheny College to measure satisfactory academic progress and the student's eligibility to continue to receive federal financial aid.

End of Semester	Min. Cum. GPA	Min. Credits Completed
2	1.00	24
3	1.50	36
4	2.00	48
5	2.00	61
6	2.00	74

7	2.00	87
8	2.00	100
9	2.00	114
10	2.00	128

Students who fail to successfully complete the minimum requirements will lose eligibility for federal financial aid.

<u>APPEALS to SAP POLICY PERMITTED</u>
 Students who do not meet an institution's financial aid SAP requirements are allowed to petition for reconsideration of federal aid eligibility. Written appeals for an additional semester of aid eligibility (a probationary semester) must include:

1. **Why the student failed to make SAP,**
2. **What has changed that will allow the student to make SAP during the probationary semester, and**
3. **The student's academic plan for success.**

Appeals must be submitted in writing to the Financial Aid Office at least two weeks prior to the start of the semester for which the probationary semester is sought.

If the appeal is approved, one probationary semester of financial assistance will be granted to bring the academic record up to the minimum standards (state aid may still be eliminated during this period). If a student is not able to achieve the required standards within one semester, s/he will be placed on an academic plan with requirements for progression toward good standing within the SAP standards. The academic plan may have requirements for credit completion, semester grade point average, or both. Failure to meet the stated minimums after the probationary semester will result in a suspension of all financial aid until SAP requirements are met.

Options When a Student Does Not Have Enough Tuition Money

Complete the Free Application for Federal Student Aid (FAFSA) and any requested paperwork in a timely fashion. It is best if the Financial Aid Office is made aware of situations early in the semester rather than late in the semester so that assistance can be given because:

● Certain types of financial aid, especially free money, have very limited funds and are awarded based on need first, and then a first-come, first-served basis.

- Student loans have regulations about the certification and disbursement of funds. It often takes a couple of weeks to process the loan before the college receives the funds to clear a bill balance.

It is important for students to pursue all sources of gift aid. Many scholarships are available for current college students (click here).

If there is a situation that is not reflected on the FAFSA, please notify the Financial Aid Office. Commonly seen situations include, but are not limited to, recent job losses, unusually high out-of-pocket medical expenses, and one-time payments received during the calendar year used on the current FAFSA. Federal regulations apply in these situations, which means forms and documents are required, but the Financial Aid Office can help.

All students are eligible for student employment. If a student does not qualify for the federal work study program, then he or she is eligible for campus employment. Students may set up a payment plan with the Financial Services Office to use some or all of the earnings from student employment to pay toward the student bill.

Lastly, although least desirable, student loans can help pay off the student bill. The Financial Aid Office recommends getting through school with the least amount of debt and to use federal student loans before private loans since the federal loans have a fixed interest rate, have a lower interest rate, and do not require a cosigner.

Financial Services

Contact Information

Location: Bentley Hall, Room 107
Phone: (814) 332-2360
Website https://sites.allegheny.edu/finserv/

When a Student Can't Register Because of a Financial Hold

Students whose accounts are delinquent with a balance over $1000 will not be permitted to register for courses for the following semester. Delinquent accounts with any balance will not be permitted to receive transcripts of their records, or receive their diplomas upon graduation. Students who carry a past due balance at the time of taking a leave of absence must pay the balance in full before they will be approved to return.

A student who requests a copy of their transcript must pay in full all indebtedness to Allegheny before an official transcript of record will be issued. Any costs incurred in the collection of a delinquent account, including collection agency fees, attorney fees, and other charges, will be added to the amount due.

At the beginning of each semester, the student bill includes applicable pending financial aid. The aid is displayed at the bottom of the statement. Finalized aid is posted to the account early in the semester. After

financial aid is posted, any aid that has not been completed is not applied to the account and the outstanding balance is due. This balance can be paid or aid can be completed and applied to the account.

Meal Plans

Website https://sites.allegheny.edu/finserv/food/

The College offers three food service plans. All students living in College residences are required to participate in a meal plan.

Athletics

Contact Information

Location: Wise Center
Phone: (814) 332 -3278
Website

NCAA Eligibility Requirements for Athletic Competition and Practice

The NCAA has very specific rules for student-athletes regarding eligibility for competition and practice.
Full-time enrollment – Good academic standing – Satisfactory progress

Full time enrollment – To be eligible for practice or competition, a student-athlete shall be enrolled in not less than 12-semester hours.

- If a student-athlete drops below the 12 semester hours at any time during the semester, the student-athlete becomes immediately ineligible for athletic practice and competition. Wait-listed courses do not count towards this or any other enrollment requirement.
- Final semester – To be eligible for practice or competition in the student-athlete's final semester, the student-athlete shall be enrolled in the courses necessary to complete the degree requirement and receive a diploma at the next degree-granting date. (12 semester hours not required)
- Eligibility between semesters (M/W Basketball, M/W Track, M/W Swimming) – To be eligible for competition or practice that takes place between semesters, the student-athlete shall be registered at the conclusion of the fall semester for at least 12 semester hours for the upcoming spring semester . If at any time during the semester break the student-athlete drops below 12 semester credit hours, they immediately become ineligible for athletic practice and competition.

Good academic standing and satisfactory progress

- Student-athletes placed on Academic Warning or Academic Probation are still eligible to practice and compete in athletics.
- Student-athletes placed on Poor Academic Standing cannot participate in varsity athletics (practice or competition) until their cumulative GPA rises to a 2.0.

Change in eligibility status – If a student-athlete's academic eligibility changes at the end of a semester, the student-athlete shall become eligible or ineligible to compete on the date his or her eligibility officially is certified by the Registrar's Office.

Academic status is monitored on an ongoing basis by the Registrar's Office and the Athletic Department compliance officer.

Presidents' Athletic Conference (PAC) Contest Scheduling Guidelines & Policies

Presidents' Athletic Conference--From the PAC Website: Historical Look Back at the PAC

The Presidents' Athletic Conference (PAC), built on the basic belief that an athletic program is an integral part of college life but not an entity in itself, looks back on over sixty years of growth and ahead to years of continued academic and athletic excellence. The league's name clearly reflects its founding principle that operational control of all aspects of intercollegiate athletics is ultimately the responsibility of the presidents of each member institution, and thus active presidential leadership and oversight is paramount in conference administration.

Final Exams
Every possible effort will be made to avoid scheduling Conference contests or championship events against final exams. There are some instances where it is virtually impossible to accommodate the range of final examination periods at all PAC members and schedule numerous Conference championships (as in the spring with the short season and eight championship events). Ultimately, student-athletes must make the choice to compete or not during these periods and do so every year in many sports.

Allegheny College Athletic Scheduling Guidelines
Each head coach is responsible for maintaining the competitive schedule for their program. The Conference schedule is always given priority. NCAA regulations for minimum and maximum competitions are strictly followed. The head coach puts together the non-conference schedule limiting travel on school days to an absolute minimum and to no more than 200 miles distance. There should not be more than **three** days on any given class rotation (MWF or TTH) per semester when students will miss class and no more than **six** days missed or early departure in total. The schedules must be approved by the Athletic Director and Faculty Athletic Representatives before they are considered final.

Role Of The Faculty Athletic Representative (FAR)

The Faculty Athletic Representatives:

- Promote community between athletics and academics through education and communication
- Educate the campus community about NCAA Division III and the PAC philosophy
- Promote communication between students, faculty and coaches so that the student athlete experience can have the maximum academic and athletic impact.
- Act as a liaison for students, faculty, coaches, and athletic directors with regard to conflicts between academics and athletics
- Promote student responsibility to inform faculty of missed class time well in advance of the date

- Facilitate and promote creative methods to make up missed class time (taping evening seminars, proctoring exams, morning labs, streaming lectures).

Student Leadership and Engagement (Clubs, Organizations, and Leadership Development)

Student Leadership & Engagement is committed to the holistic development of students by providing meaningful opportunities for leadership development, community building, and educational growth. We are guided by the College's mission of preparing young adults for successful and meaningful lives by promoting students' intellectual, moral, and social development.

Contact Information
Location: Campus Center, Student Life Suite (3rd Floor)
Phone: 814-332-4356
Email: sli@allegheny.edu
Website: allegheny.campuslabs.com/engage or https://sites.allegheny.edu/studentinvolvement/

Staff

Gloria King, Student Engagement Coordinator, gburgesss@allegheny.edu
Ella Horner, Student Leadership Coordinator, ehorner@allegheny.edu
Gretchen Beck, Associate Dean for Community Standards and Wellness, gbeck@allegheny.edu

Program Guidelines and Requirements

Art (First Year and Transfer)

Area of Study: Visual and Performing Arts
Programs:

- Art, Science, and Innovation: Major and Minor
- Industrial Design Major
- Studio Art: Major and Minor

Major/Minor Exclusions:
A student majoring in Art, Science, and Innovation may not double major or minor in Studio Art.
A student minoring in Art, Science, and Innovation may not major in Studio Art.
A student majoring in Studio Art may not double major or minor in Art, Science, and Innovation.
A student minoring in Studio Art may not major in Art, Science, and Innovation.

Art Department Major Pathways

The Art Department offers a Studio Art major and minor, a major and minor in Art, Science, and Innovation (ASI), and a major in Industrial Design.

Suggested Pathway for Studio Art Majors:

4-Year Plan	1st Semester	2nd Semester	Either Semester
First Year	SWS 105 ART 115 or 250		*Most students should take SWS 105 in the Fall* ART 151, 171, 182, or 187 ART 162 or 165
Sophomore		ART 250, 251, or 343	200-level course in preferred medium 100-level course in 3D or 2D
Junior		ART 580 (Junior Seminar)	300-level course in preferred medium Complete requirements: 100 level course in 2D or 3D In art history: ART 115, ART 343, or ART 250
Senior	ART 600 (Sr. Project) ART 480, 584, or internship	ART 610 (Sr. Project)	300-level course in medium

Comments:

1. It is now possible to take Introductory, Intermediate, and Advanced courses in ceramics, electronic art and intermedia, painting, photography, and sculpture. However, not all courses are offered every semester, so students should begin their media sequences as soon as possible if they want to be able to schedule a third, advanced course in the sequence by the time they are juniors or seniors.
2. Please note that seniors are typically not permitted to enroll in introductory level studio courses.
3. ART 580 Junior Seminar is offered both Fall and Spring semesters. It is recommended that majors plan to take ART 580 in the spring of their junior year. However, it is possible to do the Junior Seminar / Senior Project sequence in the Fall and Spring of the senior year.
4. **Arts Administration Pathway.** Students interested in careers in museums, galleries or public history could choose a Studio Art MINOR of ART 115, ART 171, ART 187, ART 250, ART 271, leading to the capstone of ART 584.

Suggested Schedule for **Art, Science, and Innovation** majors:

4-Year Plan	1st Semester	2nd Semester	Either Semester
First Year	SWS 105 Science 1	Science 2	*Most students should take SWS 105 in the Fall* ART 187 Begin science sequence Take elective from Core B (Theoretical Approaches)
Sophomore	Science 3	ART 250 Science 4	ART 287 or 387 Begin Art Practices module Continue science sequence
Junior		ART 580 (Junior Seminar)	ART 287 or 387 Complete Art Practices module
Senior			ART 620 (Senior Project)

Comments:

1. There is a significant science component to this major (4 courses) that should be started early in the student's program, because science classes are often hierarchical and strictly sequenced. The science module is intended to be highly customizable by the student. See the example Pathways below, but students should consult with a major advisor as soon as possible to consider meaningful choices.
2. ART 580 Junior Seminar is now offered both Fall and Spring semesters. It is recommended that students plan to take ART 580 in the spring of their junior year, but it is possible to do the Junior Seminar / Senior Project sequence in the Fall and Spring of the senior year.

Sample Pathways in ASI

In selecting Science Electives, students might consider the examples of the following pathways through a focus area. Students should consult with their advisors to create a group of courses most relevant to their interests.

Optics -Different from the OpArt movement, an optics pathway would guide the understanding of the physics behind perception.

- MATH 140 - Calculus I with Precalculus, Part I
- PHYS 102 - Fundamentals of Physics II (prereq: MATH 140)

- PHYS 350 - Physical Optics
- PSYCH 150 - Sensation & Perception

Generative Art - Generative art is produced by developing an autonomous system that independently determines its own features.

- CMPSC 101 - Data Structures
- CMPSC 301 - Data Science (prereq: CMPSC 101 or CMPSC 102)
- CMPSC 303 - Artificial Intelligence (prereq: CMPSC 101 or CMPSC 102)
- CMPSC 304 - Robotic Agents (prereq: CMPSC 101 or CMPSC 102)

Mathematical Art - Art is often based in geometry and mathematical principles. In 3 courses, students establish the foundation of mathematical concepts

- MATH 151 - Calculus I
- MATH 152 - Calculus II (prereq: MATH 151)
- MATH 205 - Foundations of Mathematics (prereq: MATH 152)
- Option: MATH 320 Linear Algebra (prereq: MATH 205), which can provide an approach toward the basics of computer animation, or MATH 350 Geometry (prereq: MATH 205).

Bio Art - Bioart is concerned with the ethics of established and emerging biological science principles and how they are culturally understood and used.

- CHEM 120 - Chemical Concepts I
- BIO 220 - Organismal Physiology and Ecology
- BIO 221 - Genetics, Development and Evolution
- FSBIO 201 - Investigative Approaches in Biology

Integrated Sustainability - Evolving out of environmental art, Integrated Sustainability is an example of a solutions-based art practice geared towards finding practical applications for environmental challenges that engage with the imagination of the public.

- ENVSC 110 - Introduction to Environmental Science
- ENVSC 250 - Environmental Education
- ENVSC 352 - Environmental Justice
- ENVSC 380 - Climate Energy Policy (pereq: ENVSC 110)

Visualization/Augmented Reality/Virtual Reality - Artists working with AR/VR and visualization are established leaders in the computer science field working on developing new potential uses and aesthetics for the technology, from public engagement of data, to wellness applications for VR and AR.

- CMPSC 100 - Computational Expression
- CMPSC 101 - Data Structures
- CMPSC 301 - Data Science (prereq: CMPSC 101 or CMPSC 102) OR PSYCH 150 - Sensation & Perception
- CMPSC 303 - Artificial Intelligence (prereq: CMPSC 101 ir /cnosc 192)

Computer Art - Artists working within computer art work as web developers, graphic designers, UX/UI (User Experience/ User Interface) designers, and technologists.

- CMPSC 100 - Computational Expression
- CMPSC 101 - Data Structures
- CMPSC 102 - Discrete Structures
- CMPSC 302 - Web Design (prereq:CMPSC 104)

Suggested Schedule for **Industrial Design** majors:

4-Year Plan	1st Semester	2nd Semester	Either Semester
First Year	SWS 105		*Most students should take SWS 105 in the Fall* ART 142 ART 165 or 162 ART 151
Sophomore	ART 242 or 243	ART 242 or 243	Begin Speculative Design, Interaction Design, or Sustainable Design track requirements
Junior		ART 580 (Junior Seminar)	Continue Speculative Design, Interaction Design, or Sustainable Design track requirements
Senior	ART 600 (Sr, Project) Complete Speculative Design, Interaction Design, or Sustainable Design track requirements	ART 610 (Sr. Project)	

Comments:

1. There is a significant science component to this major (6 courses) that should be started early in the student's program, because track-specific classes are often hierarchical and strictly sequenced. See the track-specific pathways below.

Speculative Design Track (SPxD)

- ART 115 - Art History & the Birth of the Museum OR COMM 120 - Introduction to Media Culture
- ART 187 - Introduction to Electronic Art
- ART 287 - Art and Science at the Intersection of Culture OR ART 262 - Ceramics II OR ART 265 - Sculpture II
- ART 250 - Contemporary Strategies in Art OR HIST 170 - Public History
- ART 342- Design Form) OR ART 388 - Art/Science Special Topics

Interaction Design Track (IdX)

- CMPSC 100 - Computational Expression
- CMPSC 101 - Data Structures
- CMPSC 102 - Data Abstraction
- CMPSC 203 - Software Engineering
- CMPSC (406) 303 - Internet of Things OR CMPSC (303) 310 - Artificial Intelligence OR CMPSC (304) 311 - Robotics
- *Parentheses indicate course numbers being revised by Computer Science

Sustainable Design Track (SdX)

- ENVSC 110 - Intro to Environmental Science
- ENVSC 210 - Environmental Research Methods
- ENVSC 285 - Quantitative Sustainability
- ENVSC 352 - Environmental Justice OR ENVSC 427 - Culture, Power, Environment
- ENVSC 380 - Climate and Energy Policy

Industrial Design

New Program 2023-2024 Academic Bulletin

Information for Transfer Students

Studio Art: Transfer Guidelines

Suggested pathway of a **Studio Art** major for a transfer student planning to finish in 3 years. Ideally, the student will have completed at least two introductory courses in art including a 2D, 3D, and/or modern art history course.

3-Year Plan	1st Semester	2nd Semester	Either Semester

Sophomore		ART 250	200-level course in preferred medium 100-level required course in 3D or 2D (if not already taken)
Junior		ART 580, Jr Seminar	300-level course in preferred medium Complete art history requirement (ART 115, 343, or 250)
Senior	ART 480, 584, or Internship ART 600 (Sr. Project)		ART 610 (Sr. Project) Advanced course in medium

Issues to consider:

1. A 3-credit transfer course with a similar description and course content will be accepted to fulfill a 4-credit requirement in the Art Department. However, the transfer student must still overall meet the minimum number of credit hours required, which might necessitate taking or transferring elective courses in Art.
2. If a student wants to use a general design course to fulfill a departmental requirement, the Art Department will ask to see a syllabus and portfolio of work created to determine whether it works better as a 2-D or 3-D class. We will also take into consideration the student's plan for advanced work and needed requirements.
3. Art Appreciation or similar courses will transfer as elective credits in Art but cannot be used to fulfill any requirement of a major or minor in the Art Department.

In order to fulfill the	... the course must cover
I. Art History and Visual Criticism	
ART 115, Art History and the Birth of the Museum	This course has an emphasis on the modern history of the art museum that makes it appropriate for careers in museum studies or public history. The second half of a traditional art history survey (Renaissance/Baroque through modern) would be an acceptable transfer equivalent. Students receiving a 4 or 5 in AP Art History get credit for this course.

ART 250, Contemporary Strategies in Art	Aspects of art made in the later 20th and 21st centuries, in either survey or seminar format.
ART 343, Feminist Art Histories	Modern art through the specific lens of feminist theory.

II. Introduction to 2-Dimensional Studio Art

	An introductory course in any of the 2-D mediums offered (drawing, painting, or photography). May also transfer a course in introductory 2-D Design, color theory, or other 2-D mediums as appropriate, such as printmaking or digital graphic media.

III. Introduction to 3-Dimensional Studio Art

	An introductory course in any of the 3-D mediums offered (ceramics or sculpture). May also transfer a course in introductory 3-D Design, or another 3-D medium as appropriate, such as 3-D digital printing or woodworking.

IV. Advanced Work in Studio Art

	A transfer student may enroll in the 200-level Intermediate class in a medium for which they are transferring coursework at an introductory level.
	A student may consider enrollment in a 300-level Advanced class if they are transferring a two-course sequence in that medium. In photography, experience in the darkroom is required in order to enroll in ART 371.
	Upon request, a student might fulfill this requirement with a transfer course in a medium not offered at Allegheny College, for example, Life Drawing.

	Approval requires examination of the syllabus and portfolio of work done for the class.
V. Experiential Learning	
ART 480, Professional Practices	A portfolio course that includes creation of a personal website, grant writing, and consideration of career options.
VI. and VII. Advanced coursework	
	The Art Department requires that ART 580, the Junior Seminar and ART 620, the Senior Project be taken at Allegheny College.

Art, Science, and Innovation: Transfer Guidelines

Suggested pathway for **Art, Science, and Innovation** majors who transfer and expect to complete in 3 years. Ideally, these students will already have completed two of their required four science courses and have taken a course in studio art.

3-Year Plan	1st Semester	2nd Semester	Either Semester
Sophomore	ART 187 Science 3	ART 250 Science 4	Take 2nd course in Art Practices module. Continue science sequence
Junior		ART 580, Jr Seminar	ART 287 or 387 Take elective from Core B (Theoretical Approaches)
Senior			ART 287 or 387 ART 620, Senior Project

Issues to Consider:

1. ASI is an interdisciplinary program. Although it is situated primarily in the Art Department, many requirements are fulfilled by courses in other departments. Students must meet the expectations of

each separate department when transferring those disciplinary courses to count in an ASI major or minor.

2. A 3-credit transfer course with a similar description and course content will be accepted to fulfill a 4-credit requirement in the Art Department. However, the transfer student must still overall meet the minimum number of credit hours required, which might necessitate taking or transferring elective courses in Art.

3. Art Appreciation or similar courses will transfer as elective credits in Art but cannot be used to fulfill any requirement of a major or minor in the Art Department, including ASI.

4. Pathways through the ASI program are highly individualized according to the student's future plans. Please consult with an ASI advisor to determine which options are best.

5. Students are most likely to transfer the courses below:

In order to fulfill the	...the course must cover
A. Introductory	
ART 187, Electronic and Intermedia Art	Introduction to 2-D design concepts using digital technology (Adobe Creative Suite or similar), with time-based/ video manipulation desirable.
ART 250, Contemporary Strategies in Art	Aspects of art made in the later 20th and 21st centuries, in either survey or seminar format.
B. Theoretical Approaches	
	Please examine the criteria for equivalent courses in communication theory, philosophy, environmental justice, women's studies, sexuality, and gender studies.
C. Art Practices	

Art	Any introductory course in an art medium might be transferred (Drawing, Ceramics, Painting, Photography, or Sculpture).
	A student may enroll in the 200-level Intermediate classes in a medium for which they are transferring coursework at an introductory level.
	Upon request, a student might fulfill this requirement with a transfer course in a medium not offered at Allegheny College, for example, lithography. Approval requires examination of the syllabus and portfolio of work made for the class.
ART 480, Professional Practices	A portfolio course that includes creation of a personal website, grant writing, and consideration of career options.
Media Production	See transfer requirements in Film and Digital Storytelling, Theatre production, or Multimedia journalism.
D. Science Electives	
	See transfer requirements in Biology, Chemistry, Computer Science, Environmental Science and Sustainability, Geology, Mathematics, Neuroscience, Psychology, or Physics.

Biochemistry

Area of Study: Mathematics and Natural Sciences
Program: Major
Major/Minor Exclusions: A student majoring in Biochemistry may not minor in Biology or Chemistry

General Principles to consider in advising a student for Biochemistry:

The Biochemistry major is a highly hierarchical major and requires 64 credits (17 courses) to complete. This means that students interested in a Biochemistry major will need to begin the foundational Mathematics and Natural Sciences courses early in their career. The General Chemistry, Introductory Biology and Introductory Mathematics sequences are all pre-requisites to intermediate and advanced courses in the major and, as such, should be completed by the end of fall semester in a student's sophomore year.

Students who come in with weaker academic backgrounds should be cognizant of the need to complete prerequisites in a timely manner so that they do not end up with schedules in their junior and senior year that are unrealistic or impossible to schedule due to time constraints and conflicting course times.

In general, a student who does not feel ready to take more than one Natural Science course a semester is not likely to be able to handle three or four such courses in their Junior and Senior years. A 17 course major equates to an average of just over two courses each of eight semesters. **Thus, advising a student to take only one NS course a semester during the first and second year makes it difficult for them to complete the Biochemistry major in four years.** Some students may need to consider taking summer courses for transfer, or planning for an extra semester or year to complete the major. This is especially true if a student takes only one NS course each of their first 2-3 semesters or if they start the courses for the major later than the sophomore year. Students should be made aware of this reality if they are advised to limit their NS courses to one per semester in the first three to four semesters.

If a student expresses an interest in a Junior Year abroad experience, it is very important that they speak with a member of the Biochemistry program faculty for guidance during their first year or early in their sophomore year. Depending on the experience they wish to pursue, it may be important for them to consider taking their Jr. Seminar in the sophomore year. In addition, any courses they hope to transfer from the Jr. Year abroad experience to count towards the Major will need to be carefully selected with the guidance of a Biochemistry faculty member.

Finally, any student considering a Biochemistry major is <u>strongly</u> encouraged to meet with a member of the Biochemistry faculty prior to scheduling classes for their Sophomore or Junior year.

Typical four-year road map

For students starting in Math 140

Year	Fall	Spring

1	MATH 140 BIO 220 or 221 SWS 105 *Most students should take SWS 105 in the Fall* Elective	MATH 141 BIO 221 or 220 Elective
2	CHEM 120 PHYS 110 MATH 152 Elective	BIO 250 or FSCHE 201 (latter is fall only) CHEM 122 Elective Elective
3	CHEM 584 or BIO 580 CHEM 231 Elective Elective	CHEM 253 BIO 305 Chem Elective Elective
4	CHEM 242 BCHEM 600 Elective Elective	BIO Elective BCHEM 610 Elective Elective

For students starting in MATH 151

Year	Fall	Spring
1	MATH 151 CHEM 120 FS 101 Elective	MATH 152 CHEM 122 BIO 220 or 221 FS 102
2	CHEM 231 PHYS 110	CHEM 253 BIO 250 or FSCHE 201 (latter is fall semester only)

	BIO 220 or 221 Elective	Elective Elective
3	CHEM 584 or BIO 580 CHEM 242 Elective Elective	BIO 305 BIO Elective Elective Elective
4	CHEM 242 BCHEM 600 Elective Elective	CHEM Elective BCHEM 610 Elective Elective

Timing of Courses

Most courses are taught each year and some are taught each semester as indicated in the following table. Staffing may necessitate changes to this schedule so Self-Service should be consulted for actual courses taught each semester

FALL	SPRING
CHEM 120: Chemical Concepts 1	
CHEM 122: Chemical Concepts 2	
PHYS 110: Concepts in Physics 1	PHYS 120: Concepts in Physics 2
PHYS 101: Introductory Physics 1	PHYS 102: Introductory Physics 2
BIO 220: Organismal Physiology and Ecology	
BIO 221: Genetics, Development and Evolution	
MATH 151 (or 140, 141): Calculus 1	

MATH 152: Calculus 2	
CHEM 231: Organic Chem 1	
BIO 250: Investigative Approaches in Biology	
CHEM 242: Physical Chemistry	
CHEM 253: Biochemistry	
BIO 305: Molecular Biology	
CHEM 43X, 45X, 46X: Special Topics (at least one per year, semester varies)	
CHEM 354: Metabolism CHEM 362: Analytical Chemistry (alternating years)	
BIO 310, 320, 325, and 360 (at least one each semester	
CHEM 584 (typically fall) and BIO 580 (select sections): Junior Seminar (at least one each semester)	

Important Considerations

- Placement into MATH 151 is a pre-requisite for starting CHEM 120 in the first semester. Although students do NOT need to co-enroll in math and chemistry, co-enrollment is HIGHLY recommended so that pre-requisite courses can be finished in a timely manner.
- Enrollment in PHYS 110 (Fall semesters) is restricted to first-years & sophomores. When scheduling constraints necessitate it, PHYS 110 may be replaced by PHYS 101; PHYS 101 is open to students in any class.
- In planning, students should pay attention to pre-requisites for core and upper-level courses.
- Major Advisor Selection: Students shoujld ask a biochemistry faculty member, if they are familiar with them. Alternatively, a student could also ask the chair regarding biochemistry faculty availability.

- Junior Seminar: The Junior Seminar is taken Junior year, either Fall or Spring Semester. Junior Seminar assignments occur at the beginning of 4th semester (Sophomore Year Spring). A survey is filled out, and by March all declared Biochem Majors will be assigned to a JR Seminar. If students do not submit the survey, they will be randomly assigned to open sections. Please note: Students may or may not be assigned to their 1st choice.
- Students hoping to do a senior project with a Biology faculty member should enroll in a Biology Jr. Seminar course and those hoping to work with a Chemistry faculty member should enroll in the Chemistry Jr. Seminar.
- Senior Comp: Biochemistry Senior Comp sequencing is a 2 Semester Comp taken Fall and Spring. Senior Comp assignments occur at the beginning of the 6th semester (Junior Year Spring). A survey is filled out, and by March all declared Biochem Majors will be assigned to a Comp advisor. If students do not submit the survey, they will be randomly assigned to open sections. **Please note: Students may or may not be assigned to their 1st choice. Students are also** not permitted **to comp with a non-Biochemistry faculty.**
- Any student considering a Biochemistry major is strongly encouraged to meet with a member of the Biochemistry faculty prior to scheduling classes for their Sophomore or Junior year.

Biology

Area of Study: Mathematics and Natural Sciences
Program: Major and Minor
Major/Minor Exclusions: A student minoring in Biology may not major in Biochemistry

When advising a student interested in the **Biology Major**, please note:

- Establishing an advisor: Students may ask any faculty member in the department. The department maintains a list with the number of advisees for each faculty member *updated each semester), so if a faculty member does not have space for additional advisees, they can consult the list to suggest other faculty who may have capacity.
- Junior Seminar: Biology offers junior seminars both semesters, so students may take it in either fall or spring of their junior year. Students submit a preference form in the spring of their sophomore year and are then assigned to a junior seminar section based on information in the preference form.
- Senior Comp: Biology requires a two semester comp, fall and spring.

The **MAJOR** in Biology has six components:

- **Three introductory biology courses** (BIO 219 [Marine Biology] OR BIO 220 [Organismal Physiology and Ecology]; BIO 221 [Genetics, Development and Evolution]; and FSBIO 201).
    - FSBIO 201 will be replaced by BIO 250. FSBIO 201 last offering 25/SP
- **Three 300-level biology courses**, one in each of the three main areas of biology (Cellular/Molecular Biology, Organismal Biology/Physiology, and Population Biology/Ecology/Evolution).
- A **Junior Seminar** (BIO 580). Students submit a preference form in the spring of their sophomore year and are then assigned to a junior seminar section based on information in the preference form.
- A two-semester, six credit **Senior Project and Seminar** (BIO 600 and 610).
- **Required foundation courses in Mathematics and Chemistry**: MATH 151 (or 140 and141), CHEM 120 &122, and one semester of Organic Chemistry (CHEM 231).
- Two additional 4-credit courses chosen from **Biostatistics** (BIO 385), **Chemistry** (CHEM 200 or higher, except 231), **Computer Science** (100-level or higher), **Geology** (100-level or higher, excluding GEO 331), **Mathematics** (MATH 152 or higher), **and/or Physics** (PHYS 101 or higher). These courses should be chosen to complement career goals or specific curricular interests. Courses numbered 190 do not qualify. Any course cross-listed as Biology does not qualify.

The **MINOR** in Biology has three components:

- **Three introductory biology courses** (BIO 219/220, 221, and FSBIO 201)
- **Two 300-level biology courses**, at least **one** of which must be a laboratory course
- **Required foundation courses in Chemistry:** CHEM 120 & 122

As of Fall 2022, the introductory Biology sequence no longer requires CHEM 120 as a prerequisite. However, completion of the major and minor **do** still require successful completion of chemistry and math courses. The most significant aspect of this change is that students may start Biology coursework prior to or concurrent with the chemistry or math courses.

Students may complete BIO 220 and BIO 221 in any order. BIO 219 (Marine Biology) also may substitute for BIO 220 for interested students. However, BIO 219 is only offered in spring semester AND is not appropriate for students interested in post-graduate health professions. *BIO 219 will not be offered Spring 2025. Those students interested in maqrine biology as a path place in Professor Whitenack's BIO 220 section in the Fall 2024.*

Introductory students interest in majoring in Biology now have (at least) four potential paths in the first semester.

1. **Chemistry and Math**
2. **Biology and Math**
3. **Biology and Chemistry**
4. **Biology, Chemistry, and Math**

The example pathways shown below have significant flexibility, within these general guidelines:

- FSBIO 201 can be taken either semester in the second year.
- Students who enroll in MATH 140 or CHEM 120 in their first semester and have difficulty in those courses should consider taking an "X" and enrolling in the CHEM 119 (Module B) course in the 2nd half of the semester.
- **CHEM 231 is offered ONLY in the fall semester. As of Fall 2023, CHEM 120 is the only prerequisite for CHEM 231. CHEM 122 is offered only in spring semester but is no longer required for CHEM 231.**
- BIO 3XX upper-level courses can be distributed across semesters in any fashion once the introductory series (BIO 219/220, BIO 221, FSBIO 201) has been completed. Some BIO 3XX courses require completion of Chemistry prerequisites.

Notes for students interested in health professions

- These students should complete BIO 220, not BIO 219.
- Although placement in Mathematics 152 or higher satisfies the MATH 151 requirement for the Biology major, health professions students may need to take additional courses in Mathematics. See the Pre-Health Guidelines for further details.
- The three introductory Biology courses, MATH 151 (or 140 and 141), CHEM 120 and 122, and CHEM 231, should be completed by the end of the sophomore year. if mathematics and chemistry placement permits. **Students and their advisors should also be aware that CHEM 231 is only offered in the fall semester.**
- Students should complete CHEM 332 and 234 (Organ Chemistry II and lab), CHEM 253 (Biochemistry), and PHYS 101 and 102 (or PHYS 110 and 120).

- PHYS 101: fall semesters only
- PHYS 102: spring semester
- PHYS 110: fall semester only
- PHYS 120: spring semester only
- CHEM 332 & 234: spring semester only

Prerequisites for the Biology Major and Minor:

1. Placement into MATH 151, transfer or AP credit for MATH 151, completion of MATH 140 with a C or better, or completion of CHEM 119 with a C or better are required to enroll in CHEM 120.
2. Completion of CHEM 120 with a C or better is required to enroll in CHEM 231.
3. BIO 219/220 OR BIO 221 are prerequisites for FSBIO 201.
4. BIO 219/220, 221, **AND** FSBIO 201 are prerequisites for BIO 300-level courses.
5. BIO 219/220, 221, **AND** a grade of C or higher in FSBIO 201 are prerequisites for BIO 580.
6. BIO 580 is a prerequisite for BIO 600. BIO 600 is a prerequisite for BIO 610.

Pathway 1. Chemistry and Math

This pathway is closest to the recommended steps prior to Fall 2022 and is recommended for students who place into MATH 151. Students who place into MATH 140 probably should opt for pathway 2 (Biology and Math) instead

	Placed into MATH 140		Placed into MATH 151	
Year	Fall	Spring	Fall	Spring
1	SWS 105 *Most students should take SWS 105 in the Fall* MATH 140 CHEM 119 (Module B)	MATH 141 CHEM 120[1,2]	SWS 105 *Most students should take SWS 105 in the Fall* MATH 151 CHEM 120[1,2]	BIO 219, 220, or 221 CHEM 122
2	CHEM 231 [3] BIO 220 or 221	BIO 219, 220 or 221 CHEM 122 FSBIO 201 Cognate	BIO 220 or 221 or FSBIO 201 CHEM 231[3]	BIO 219, 220, 221, or FSBIO 201 Cognate
3	BIO 3XX Cognate BIO 580[4]	BIO 580[4] BIO 3XX	BIO 580[4] BIO 3XX Cognate	BIO 580[4] BIO 3XX

4	BIO 600 BIO 3XX	BIO 610	BIO 600 BIO 3XX	BIO 610

Pathway 2. Biology and Math

This pathway is most applicable for students with biology interests but a MATH 140 placement (as they cannot immediately start with CHEM 120 in the first semester, but can begin with biology coursework). Students who place into MATH 151 also can proceed via this pathway.

	Placed into MATH 140		Placed into MATH 151	
Year	Fall	Spring	Fall	Spring
1	SWS 105 *Most students should take SWS 105 in the Fall* MATH 140 BIO 220 or 221	MATH 141 CHEM 120[1,2] BIO 219, 220, or 221	SWS 105 *Most students should take SWS 105 in the Fall* MATH 151 BIO 220 or 221	BIO 219, 200, or 221 CHEM 120[1,2]
2	CHEM 231 [3] FSBIO 201	BIO 3XX CHEM 122 Cognate	CHEM 231 [3] FSBIO 201	BIO 3XX CHEM 122 Cognate
3	BIO 3XX BIO 580[4]	BIO 580[4] BIO 3XX Cognate	BIO 580[4] BIO 3XX	BIO 580[4] BIO 3XX Cognate
4	BIO 600	BIO 610	BIO 600	BIO 610

Pathway 3. Biology and Chemistry

This new pathway is realistically only available to students placing into MATH 151 (as students with a MATH 140 placement cannot immediately start CHEM 120 in the first semester), but delays completion of MATH courses. Students placing into MATH 140 *could* take CHEM 119, but are better served via pathway 2 (Biology and Math)

Year	Placed into MATH 140		Placed into MATH 151	
	Fall	Spring	Fall	Spring
1	SWS 105 *Most students should take SWS 105 in the Fall* BIO 220 or 221 CHEM 119 (Module B)	BIO 219, 220, or 221 CHEM 120[1,2] MATH 140	SWS 105 *Most students should take SWS 105 in the Fall* BIO 220 or 221 CHEM 120[1,2]	BIO 219, 220, or 221 CHEM 122 MATH 151
2	CHEM 231 [3] MATH 141 FSBIO 201	CHEM 122 Cognate	FSBIO 201 CHEM 231[3]	Cognate BIO 3XX
3	BIO 3XX Cognate BIO 580[4]	BIO 580[4] BIO 3XX	BIO 580[4] BIO 3XX Cognate	BIO 580[4] BIO 3XX
4	BIO 600 BIO 3XX	BIO 610	BIO 600	BIO 610

Pathway 4. Biology, Chemistry, and Math

This pathway is most appropriate for students with a very strong interest and demonstrated record of achievement in science and math courses (*e.g.,* placement into MATH 151 and/or transfer credit for two or more of the required courses).

Year	Fall	Spring
1	SWS 105 *Most students should take SWS 105 in the Fall* MATH 151 CHEM 120[1,2] BIO 200 or 221	BIO 219, 220, or 221 CHEM 122

2	FSBIO 201 CHEM 231[3]		BIO 3XX Cognate
3	BIO 580[4] BIO 3XX Cognate		BIO 580[4] BIO 3XX
4	BIO 600		BIO 610

[1] Placement into MATH 151, transfer or AP credit for MATH 151, completion of MATH 140 with a C or better, or completion of CHEM 119 with a C or better is required to enroll in CHEM 120.

[2] Prerequisite for CHEM 231.

[3] Only offered in Fall. Required for Biology major.

[4] Can be taken either semester of junior year.

Timing of Courses

Most courses are taught each year and some are taught each semester as indicated in the following table. Staffing may necessitate changes to this schedule so Self-Service should be consulted for actual courses taught each semester.

FALL	SPRING
CHEM 120, Chemical Concepts 1	
	CHEM 122, Chemical Concepts 2
PHYS 110, Concepts in Physics 1	PHYS 120, Concepts in Physics 2
PHYS 101, Introductory Physics 1	PHYS 102, Introductory Physics 2
BIO 220, Organismal Physiology and Ecology	
BIO 221, Genetics, Development and Evolution	

MATH 151, Calculus 1	
MATH 152, Calculus 2	
CHEM 231, Organic Chemistry 1	CHEM 332, Organic Chemistry 2
FSBIO 201, Investigative Approaches in Biology	
CHEM 253, Biochemistry	
BIO 3XX (at least three each semester)	
BIO 580 Junior Seminar (at least two each semester)	

Important Considerations:

- Placement into Math 151 is a pre-requisite for starting in Chemistry 120 in the first semester. Although students do NOT need to co-enroll in math and chemistry, co-enrollment is HIGHLY recommended so that pre-requisite courses can be finished in a timely manner.
- Enrollment in Physics 110 (Fall semesters) is restricted to freshmen & sophomores. When scheduling constraints necessitate it, Physics 110 may be replaced by Physics 101; Phys 101 is open to students in any class.
- In planning, students should pay attention to pre-requisites for core and upper-level courses.
- Students hoping to do a senior project with a Biology faculty member should enroll in a Biology Jr. Seminar course and those hoping to work with a Chemistry faculty member should enroll in the Chemistry Jr. Seminar.
- Any student considering a Biochemistry Major is strongly encouraged to meet with a member of the Biochemistry faculty prior to scheduling classes for their Sophomore or Junior year.

Black Studies

Area of Study: Interdisciplinary Studies
Program: Minor

Black Studies (BLKST) is a 20-credit minor that requires the following and can best be constructed in consultation with the Black Studies Coordinator, Professor Alyssa Ribeiro:

Take all of the following required courses (12 credits)

- BLKST 100, *Introduction to Black Studies*
- BLKST 255/HIST 255, *African-American History to 1865* **OR** BLKST 257/HIST 257, *African-American History since 1865* (students can sign up under BLKST <u>OR</u> HIST)
- BLKST 300, *Critical Race Theory* <u>OR</u> BLKST 305, *Black Feminist Thought*

Choose two classes from the following list of electives (8 credits)

- BLKST 174/RELST 174 (students can sign up under BLKST **OR** RELST)
- BLKST 255
- BLKST 236/ENGL 236 (students can sign up under BLKST **OR** ENGL)
- BLKST 355/COMJ 355 (students can sign up under BLKST **OR** COMJ)
- BLKST 374/RELST 374 (students can sign up under BLKST **OR** RELST)
- COMJ 460
- ENVSC 352
- HIST 261, 269, 324, 345, 347, 563, 571, 572
- PHIL 210, 215, 275
- POLSC 303, 344, 482
- PSYCH 451
- RELST 146
- WGSS 210, 275, 310, 410

Additional courses may be approved on a semester-by-semester basis to count as electivs toward the minor, please consult Professor Ribeiro with any questions.

Black Studies is an Interdisciplinary Studies minor and so may be combined with any other program on campus as a major.

If a student has questions, please refer them to:
Professor Alyssa Ribeiro
Arter Hall 214
814-332-4319
aribeiro@allegheny.edu (email preferred)

Business (First-Year and Transfer)

Area of Study: Social and Behavioral Science
Program: Major
Major/Minor Exclusion: A student majoring in Business may not Double Major or Minor in Economics

The Business major consists of a core of seven required courses (Introductory Microeconomics and Macroeconomics, either Microeconomic or Macroeconomic Theory, Statistics, Accounting, and Introductory and Advanced Business Economics), two elective courses (one at the 200 level and one and the 400 level), two interdisciplinary courses (one in Business Communications and one in Business Ethics/Reasoning), a seminar (taken 2nd semester junior or first semester senior year) and the senior project (taken the semester after the seminar).

The recommended schedule for most students is to take Introductory Microeconomics (ECON 100) and Introductory Macroeconomics (ECON 101) during their first year, followed by Economic Theory (ECON 200 or 201), Statistics (ECON 202), Accounting (ECON 285), and Introductory Business Economics (ECON 240) beginning their sophomore year.

When advising a student interested in Business, please note:

- The order in which ECON 100 and 101 are taken does not matter. The same is true for ECON 200 and 201.
- MATH 140 or 151 is a prerequisite to ECON 200, 201, and 202 and should be taken First year.
- Courses numbered 011 or 010 do not count towards the major or minor.
- ECON 190 and 226-286 are sophomore-level electives and can be taken without ECON 200-203.
- FSECO201 can substitute for a 200-level elective.
- All Business majors take an ECON 570-580 level seminar in their first semester senior year or second semester junior year. They complete their senior projects following next semester. Most students do their senior projects under the supervision of their seminar instructor.
- There is no minor in Business.
- Students cannot double major in Business and Economics.
- Major Advisor: Students can approach faculty directly about being their advisor. Students in search of advisors often approach the B&E dempartment chair, who is happy to direct students to faculty who are most appropriate.
- Junior Seminar (students register for an open section) and Senior Comp: Students should plan to take their seminar either spring of junior year or fall of senior year. They should plan to complete their senior project the following semester. Since the junior seminar leads into the senior project, it is NOT recommended that students take the seminar and senior project at the same time. Students planning on graduating in January should take the seminar the previous spring and the senior project in the fall semester.
- When choosing between the Economics and Business majors, students should consider the following:
  - There is a lot of overlap between the two majors, so for most students, there is no bad choice. Generations of Allegheny alumni have gone into every field of business after majoring in Economics, English, Philosophy, Political Science, etc.

- The Economics major requires more of the core Economics courses. The Business major requires fewer core Economics courses, but more courses overall.
    - The Economics major requires 12 courses plus the math prerequisite. The Business major requires 13 courses plus the math prerequisite.
    - Business majors are only required to take one of the theory courses (ECON 200 or 201) and only the first Statistics course (ECON 202 but not ECON 203). Students who are interested in developing stronger quantitative skills, for example students who want to go into the fields of economics, finance, or data analytics, should consider majoring in economics.
    - The Business major requires more Business classes, such as Accounting, Introductory and Advanced Business Economics, Business Ethics, and Business Communication. Business majors are introduced to concepts in business-related fields, such as Human Resource Management, Accounting, and Marketing. Students who are interested in studying a broad set of business-related topics should consider majoring in business.

Sample Schedule for a **Business Major placing into MATH 151:**

	1st Semester	2nd Semester
First-Year	SWS 105 *Most students should take SWS 105 in the Fall* ECON 101 MATH 151	ECON 100
Sophomore	ECON 200 ECON 240	ECON 202 ECON 285
Junior	ECON 440 ECON 200-level Elective	ECON 400-level Elective Communications Elective
Senior	ECON 570-580 Ethics/Reasoning Elective	ECON 620

Sample Schedule for a **Business Major placing into MATH 151 and studying abroad:**

	1st Semester	2nd Semester

	1st Semester	2nd Semester
First-Year	SWS 105 *Most students should take SWS 105 in the Fall* ECON 100 MATH 151	ECON 101
Sophomore	ECON 200 ECON 240	ECON 202 ECON 285
Junior	Study Abroad. Transfer back one 200-level business elective plus three non-business classes.	ECON 440 Communications Elective
Senior	ECON 570-580 ECON 400-level Elective	ECON 620 Ethics/Reasoning Elective

Sample Schedule for a **Business Major starting late and placing into Math 140:**

	1st Semester	2nd Semester
First-Year	SWS 105 *Most students should take SWS 105 in the Fall*	
Sophomore	ECON 100 ECON 285 MATH 140	ECON 101 ECON 240 ECON 200
Junior	ECON 203 ECON 200-level Elective	ECON 440 Ethics/Reasoning Elective
Senior	ECON 400-level Elective ECON 570-580	ECON 620 Communications Elective

Information for Transfer Students

Suggested pathway of a **Business Major** for a transfer student planning to finish in 3 years. Students are expected to be transferring MATH 140 or 141, ECON 100, 101, and 285. See sample above for **Business Major starting late and placing into MATH 140** for another sample schedule.

	1st Semester	2nd Semester
Sophomore	ECON 200 or 201 ECON 202 ECON 226 FSECO 201	ECON 240 PHIL 140 ENGL 114
Junior	Study Abroad. Transfer back one ECON 200-level and one ECON 400-level elective plus two non-economics classes	ECON 440 Courses for distribution and minor
Senior	ECON 580 Courses for distribution and minor	ECON 620 Courses for distribution and minor

Suggested pathway of a **Business Major** for a transfer student planning to finish in 2 years. Students are expected to be transferring MATH 140 or 141, ECON 100, 101, 200 or 201, and 285 and one or more electives in Business or Economics.

	1st Semester	2nd Semester
Junior	ECON 240 PHIL 140 Courses for distribution and minor	ECON 400-level elective ENGL 110 Courses for distribution and minor
Senior	ECON 440 ECON 580 Courses for distribution and minor	ECON 620 Courses for distribution and minor

Chemistry

Area of Study: Mathematics and Natural Sciences
Program: Major and Minor
Major/Minor Exclusions: A student minoring in Chemistry may not major in Biochemistry

General Principles to consider in advising a student for Chemistry:

The Chemistry Major is a highly hierarchical major and requires 64 credits (17 courses) to complete. This means that students interested in Chemistry for their major will need to begin the foundational Mathematics and Natural Sciences courses early in their academic career. The Introductory Math sequence (MATH 151, 152), and General Chemistry (120, 122) are all prerequisites to intermediate and advanced courses in the Major and should be completed by the end of fall semester in a student's sophomore year. The first introductory chemistry course (CHEM 120-Chemical Concepts I) has a Math prerequisite of testing into MATH 151 through the Allegheny College Math placement test. If students test into MATH 151, they should be advised to take MATH 151 and CHEM 120 in the Fall of their first year and CHEM 122 in the sprong of their first year. If they do not test into MATH 151, they should be advised to take MATH 140 and consider taking CHEM 119. On successful completion of either MATH 140 or CHEM 119, they can register for CHEM 120 in the Spring of their first year.If students take CHEM 120 in the spring of their first year, they should plan to enroll in CHEM 231 for the fall semester of their sophomore year and then take CHEM 122 in the spring semester of their sophomore year.

It is very important to indicate to students who come in with weaker academic backgrounds (not testing into Math151 would be an indication of this) should be cognizant of the need to complete prerequisites in a timely manner so that they do not end up with schedules in their junior and senior year that are unrealistic or impossible to schedule due to time constraints and conflicting course times. Also please keep in mind that many courses in the major have a grade prerequisite (C or better) to continue on to the next course.

In general, if a student does not feel ready to take more than one Natural Science course in a given semester they are not likely to be able to handle three or four such courses in their Junior and Senior years. A 17 course major equates to an average of just over two courses each of eight semesters. Thus advising a student to take only one NS course a semester, puts this student in an impossible position to complete the Chemistry major in four years. In some cases, students may need to consider taking summer courses for transfer, or planning for an extra semester or year to complete the major. This will be the case if a student takes only one NS course for the major in each of their first 2-3 semesters, or if they start the courses for the major later than the sophomore year. Students should be made aware of this reality if they are advised to limit their NS courses to one per semester in the first three to four semesters.

If a student expresses an interest (due to minor choice or other) in a Junior Year abroad experience it is very important that they speak with a member of the Chemistry Dept., or the Chair for guidance during their first year or early in their sophomore year. Depending on the experience they wish to pursue it may be important for them to consider taking their Jr. Seminar in the sophomore year, but this and other options need to be discussed with Chemistry Dept faculty.

Finally, any student considering a Chemistry major is <u>strongly</u> encouraged to meet with a member of the Chemistry faculty, or the Chair of the department prior to scheduling classes for their Sophomore year, or in their Sophomore year to help minimize issues as the student progresses through their intended path.

Timing of Courses

Most courses are taught each year and some are taught each semester as indicated in the following table.

Table 1: Typical timing of chemistry course offerings by semester through the sophomore year.

Course	Fall Semester	Spring Semester
CHEM 119*	Yes, Module B only	No
CHEM 120	Yes	Yes
CHEM 122	No	Yes
CHEM 231	Yes	No
CHEM 332	No	Yes
CHEM 222	Yes	No
CHEM 242	Yes	No
CHEM 253	Yes	Yes
FSCHE 201	Yes	No

In some cases staffing may necessitate changes to this schedule, so please consult Self-Service, or the Dept Chair for the exact timing of courses taught each semester

Important Notes to Consider

- Students who do not place into MATH 151 should register for MATH 140 in their first semester, and /or consider registering for CHEM 119 to meet the Chem120 pre-req.
- Placement into MATH 151 is a pre-requisite for starting in CHEM 120 in the first semester. Although students do NOT need to co-enroll in math and chemistry, co-enrollment is HIGHLY recommended so that pre-requisite courses can be finished in a timely manner.
- Enrollment in PHYS 110 (Fall semesters) is restricted to freshmen & sophomores. When scheduling constraints necessitate it, PHYS 110 may be replaced by PHYS 101; PHYS 101 is open to students in any class.
- In planning, students should pay attention to pre-requisites for core and upper-level courses.
- CHEM 584-Junior Seminar must be taken before the senior year and it is only offered in the fall for chemistry majors. This informatin is also relevant to biochemistry majors who may do their senior project with faculty who are dual listed in chemistry and biochemistry.
- Students declaring their major in Chemistry may ask any faculty member in the chemistry department to be their advisor. Faculty are generally good about knowing their limits and will point students to the Department Chair if their advising load is too high.

Communication, Media, and Performance

Beginning with 2023-24 Academic Bulletin	Academic Bulletins 2020-21 to 2022-23
Communication & Medai **Area of Study:** Values & Societies **Programs:** Major and Minor	Communication & Cultural Studies **Area of Study:** Values & Societies **Programs:** Major and Minor
Dance & Movement Studies **Area of Study:** Visual & Performing Arts **Program:** Minor	Dance & Movement Studies **Area of Study:** Visual & Performing Arts **Program:** Minor
Filmmaking **Area of Study:** Visual & Performing Arts **Program:** Minor	Film & Digital Storytelling **Area of Study:** Visual & Performing Arts **Programs:** Major (20-22), Minor
Journalism & Documentary Storytelling **Area of Study:** Languages, Literature, & Culture **Program:** Minor	Journalism in the Public Interest **Area of Study:** Languages, Literature, & Culture **Program: Minor**
Theatre **Area of Study:** Visual & Performing Arts **Programs:** Major and Minor	Theatre **Area of Study:** Visual & Performing Arts **Programs:** Major and Minor

Exclusions:

- A student cannot minor in both Filmmaking and Journalism & Documentary Storytelling

Minimum credits for majors & minors are as follows:

Program Name	Major	Minor
Communication & Media	46 credits	24 credits
Dance & Movement Studies	n/a	26 credits

Filmmaking	n/a	24 credits
Journalism & Documentary Storytelling	n/a	24 credits
Theatre	49 credits	24 credits

Communication & Media program

Major suggested timeline (46 credits):

	Fall Semester	Spring Semester	Either Semester
Year 1 (8 credits)	COMM 125 or 145	COMM 125 or 145	*take 1 each semester*
Year 2 (12 credits)	200-level elective	200-level elective	COMM 241
Year 3 (12-16 credits)	200-level elective	300-level elective	COMM 581
Year 4 (10-14 credits)	COMM 600 (2 cr) 300-level elective	COMM 610	300-level elective (year 3 or 4)

Junior Seminar & Senior Project Sequence: Students take the Jr. Seminar in Year 3, at the end of which a Sr. Project advisor is assigned. Students work individually with their Sr. Project advisor during Year 4, crafting a proposal plus a major section in the fall and completing it in the spring.

200-level COMM Electives (3 courses for the Major or 2 courses for the minor)

COMM 235, Advanced Public Speaking	COMM 256, Power, Politics & Communication
COMM 241, Media and Cultural Criticism	COMM 261, The Business of Media
COMM 251, Gender & Popular Culture	COMM 281, Integrated Marketing Communication

300-level COMM Electives (3 courses for the Major or 2 courses for the minor)

COMM 301 Advertising & Brand Storytelling	COMM 351 Media & Inequality
COMM 320 Media & Global Cultures	COMM 360 Communicaiton Rhetoric & Civic Engagement
COMM 331 Disease, Disability, & Difference in Popular Culture	
COMM 342 Digital Media & Technology	COMM 376 Ethnographic Methods in Media and Cultural Studies

Minor suggested timeline:

	Fall Semester	Spring Semester	Either Semester
Year 1 (4 credits)			COMM 125 or 145
Year 2 (8 credits)	200-level elective	200-level elective	
Year 3 (4-8 credits)	300-level elective		Department elective
Year 4 (4-8 credits)	300-level elective		

Students interested in declaring a <u>major</u> in *Communication & Media* should speak directly with a faculty member to be their advisor or speak with the Department Chair of Communication, Media, and Performance. Students interested in declaring a <u>minor</u> should speak with the Department Chair.

Dance & Movement Studies program

Minor suggested timeline (26 credits):

	Fall Semester	Spring Semester	Either Semester
First Year (6 credits)	DMS Practice Elective (2cr)	DMS Practice Elective (2cr)	DMS 100 (2cr)
Second Year (10 credits)	DMS 380[1]	DMS 470[2] - or Interdisciplinary Elective	DMS Practice Elective (2cr)
Third Year (6 credits)	DMS Practice Elective (2cr)	DMS 470[2] - or Interdisciplinary Elective	
Final Year (4 credits)	DMS Practice Elective (2cr)	DMS Practice Elective (2cr)	

[1]DMS 380 is scheduled to be offered every Fall. Many students take DMS 381 and 382 in subsequent Fall semesters, beyond the minimum minor requirements..
[2]DMS 470 is scheduled to be offered every other Spring

DMS Practice Electives (12 credits, with at least 1 course from each column)
100- and 200-level courses earn 2 credits each; 300-level courses earn 1 credit each (except as noted)

Performance Dance Forms	Somatic Practices	Social Dance
DMS 101, 201, 301 Modern Dance	DMS 110, 210, 310 Yoga	DMS 107 Intro to Ballroom Dance
DMS 102, 202, 302 Ballet	DMS 114, 214, 314 Asian Martial Arts	DMS 207 Ballroom: Latin/Rhythm
DMS 104, 204, 304 Jazz Dance	DMS 121, 122 Meditation	DMS 208 Ballroom: Smooth

DMS 105, 205, 305 Tap Dance		DMS 307 (2 credits) Ballroom III-Advanced

Interdisciplinary Electives (choose 1 course)

FILM 171, Filmmaking 1	ART 171, Photography I
THTR 150, Acting 1: Fundamentals	ART 187, Electronic and Intermedia Art
THTR 260, Production Design 1	ART 271, Photography II
THTR 290, Directing 1	ENGL 205, Writing Fiction

Students interested in declaring a <u>minor</u> in *Dance & Movement Studies* should speak with Betsy Getschman (DMS faculty) or the Department Chair of Communication, Media, and Performance.

Filmmaking program

Minor suggested timeline (24 credits):

	Fall Semester	Spring Semester	Either Semester
Year 1 (4 credits)	FILM 171		
Year 2 (8 credits)	FILM 202[3]	FILM 300[4]	
Year 3 (8 credits)	Filmmaking elective	FILM 400[5]	
Year 4 (4 credits)			Filmmaking elective

[3]FILM 202 is scheduled to be offered every Fall
[4]FILM 300 is scheduled to be offered every Spring
[5]FILM 400 is scheduled to be offered every Spring, beginning Spring 2026

Filmmaking Electives (choose 2 courses)

FILM 350 - Filmmaking Technique	ART 171 - Photography 1
FILM 375 - Documentary Traditions	ART 187 - Electronic and Intermedia Art
THTR 150 - Acting 1: Fundamentals	ART 271 - Photography 2
THTR 260 - Production Design 1	ENGL 205 - Writing Fiction
THTR 280 - Directing 1	

Students interested in declaring a <u>minor</u> in *Filmmaking* should speak with Mike Keeley (Filmmaking and Documentary Storytelling faculty) or the Department Chair of Communication, Media, and Performance.

Journalism & Documentary Storytelling program

Minor suggested timeline (24 credits):

	Fall Semester	Spring Semester	Either Semester
Year 1 (4-8 credits)	JOURN 100 - or FILM 171	FILM 171 - or JOURN 100	
Year 2 (4-8 credits)			JDS elective
Year 3 (4-8 credits)	FILM 375[7]	FILM 400[5]	JOURN 310[6]
Year 4 (4-8 credits)			

[5]FILM 400 is scheduled to be offered every Spring, beginning Spring 2026
[6]JOURN 310 is scheduled to be offered every Spring
[7]FILM 375 is scheduled to be offered every Fall

Journalism & Documentary Storytelling Electives (take a total of 4 credits)

JOURN 501+502 - Internship with *The Campus* (2 cr each)	ART 171, Photography I
	COMM 256, Power, Politics & Communication
FILM 300 - Filmmaking 2	COMM 261 - The Business of Media
FILM 350 - Filmmaking Technique	HIST 170 - Introduction to Public History
ENGL 210 - Creative Nonfiction	POLSC 318 - Politics and the Media
ART 171 - Photography I	

Students interested in declaring a minor in *Filmmaking or Journalism & Documentary Storytelling* should speak with Mike Keeley (Filmmaking and Documentary Storytelling faculty) or the Department Chair of Communication, Media, and Performance.

Theatre program

Major suggested timeline (49 credits):

	Fall Semester	Spring Semester	Either Semester
Year 1 (10-12 credits)			THTR 110
acting interest	THTR 150		

production interest	THTR 160	THTR 161 (Fall B), 162 (Spring B), or 163 (Spring A)	
Year 2 (12-16 credits)	THTR 150 or 160+	THTR 210	THTR electives (2x) Department elective THTR 311 or 312
Year 3 (13-17 credits)	THTR 582 Jr. Seminar	THTR 600 Sr Seminar (1cr) THTR 310	
Year 4 (8-12 credits)	THTR elective or 610	THTR elective or 610	

Junior Seminar & Senior Project Sequence: During Year 3 Majors take the THTR Jr. Seminar & Sr. Seminar, during which they develop their project proposals. The Senior Project is a single semester in either Fall or Spring based on student preference.

THTR Electives (3 courses)

THTR 181 Stage Management	THTR 311 or 312 Theatre History 1 or 2
THTR 250 Acting 2	THTR 350 Acting 3
THTR 260 Production Design 1	THTR 360 Production Design 2
THTR 280 Directing 1	THTR 380 Directing 2

Department Electives (4 credits) any THTR course not taken above or choose from 1 column below

1 of the following courses:	*2 of the following courses:*
COMM 251 Gender & Popular Culture	DMS 101, 201 Modern
COMM 281 Integrated Marketing Comm.	DMS 102, 202 Ballet

FILM 171 Filmmaking 1	DMS 104, 204 Jazz
FILM 202 Film as a Narrative Art	DMS 105, 205 Tap

Students interested in declaring a <u>major</u> in *Theatre* should speak directly with a faculty member to be their advisor or speak with the Department Chair of Communicaiton, Media, and Performance.

Minor suggested timeline (24 credits):

	Fall Semester	Spring Semester	Either Semester
Year 1 (4 credits)			THTR 110
Year 2 (8 credits)		THTR 210	
acting interest	THTR 150		
production interest	THTR 160	THTR 161 (Fall B), 162 (Spring B), or 163 (Spring A)	
Year 3 (4-8 credits)	THTR 311 (Fall) or 312 (Spring)		THTR elective
Year 4 (4-8 credits)			

Students interested in declaring a <u>minor</u> should speak with the Department Chair of Communicaiton, Media, and Performance.

Communication and Theatre Transition Tracking

Communication major

Category	Courses through 20/SP	COMM Courses 20/FA and after	FDS/THTR Courses 20/FA and after

Introductory Take BOTH	COMRT 120 Critical Media Studies	COMM 120 Intro to Media Culture	
	COMRT 145 Rhetoric & Public Comm	COMM 145 Comm & Democratic Life	
Method Take ONE	COMRT 202 Modes of Film & Video		FDS 202 Film as a Narrative Art
	COMRT 220 Media Criticism	COMM 241 Cultural Criticism	
	COMRT 240 Textual Analysis		
Practice Take ONE	COMRT 150 Acting I: Fundamentals		THTR 150 Acting 1: Fundamentals of Performance
	COMRT 170 Oral Interpretation	n/a	
	COMRT 235 Adv Public Speaking	COMM 235 Adv Public Speaking	
	COMRT 276 Media, Theory, and Practice	COMM 276 Digital and Integrated Branding Practices	
	COMRT 285 Visual Production I		FDS 171 Filmmaking and Digital Storytelling 1

Communication and Civic Engagement	COMRT 256 Power, Politics, & Comm	COMM 256 Power, Politics, & Comm	
Take ONE	COMRT 261 Media Institutions	COMM 261 Media Institutions	
	COMRT 360 Rhetoric and Civic Engagement	COMM 360 Rhetoric and Civic Engagement	
Communication and Identity	COMRT 251 Gender in Public Comm	COMM 251 Gender in Public Comm	
Take ONE	COMRT 331 Bodies and Health in Public Comm	COMM 331 Bodies and Health in Public Comm	
	COMRT 351 Media and Identity	COMM 351 Media and Identity	
	COMRT 376 Media Consumption	COMM 376 Ethnographic Methods in Media and Cultural Studies	
Advanced Topics Take ONE	COMRT 303 Acting & Directing for the Camera		FDS 310 Acting and Directing for the Camera
	COMRT 305 Adv Studio Production		
	COMRT 336 The Visual in Public Communication	COMM 336 Screen Cultures	
	COMRT 340 Computational Culture	COMM 340 Computational Culture	

	COMRT 375 Documentary Tradition		FDS 375 Documentary Tradition
	COMRT 460 Media and Cultural Politics	COMM 381 Media and Cultural Politics	
Advanced Theory and Practice Take ONE	COMRT 300 Visual Production II		FDS 300 Filmmaking and Digital Storytelling 2
	COMRT 465 Media and Cultural Theory	COMM 300-level course not already taken	
	COMRT 471 Theories of Identity and Representation	n/a	
			FDS 350 Filmmaking Technique
Junior Seminar Take ONE	COMRT 581 Comm Jr Seminar	COMM 581 Junior Seminar	
	COMRT 583 Production Jr Seminar		FDS 583 Junior Seminar
Senior Project	COMRT 600 Comprehensive Seminar	COMM 600 Senior Seminar	
	COMRT 610 Comm Senior Project	COMM 610 Senior Project	
Electives	additional COMRT course (4 credits)	additional COMM course (4 credits)	additional FDS course (4 credits0

	-or- FSCOM 201	-or- FSCOM 201	

Communication minor

Catetory	Courses through 20/SP	COMRT Courses 20/FA and after	FDS Courses 20/FA and after
Introductory Take ONE	COMRT 120 Introduction to Critical Media Studies	COMM 120 Introduction to Media Culture	
	COMRT 145 Foundations of Rhetoric and Public Communication	COMM 145 Communication and Democratic Life	
200-level Take TWO	COMRT 200-level course	COMM 200-level course	
			FDS 200-level courses
	FSCOM 201	FSCOM 201	
300-level or higher Take TWO	COMRT 300-level courses	COMM 300-level courses	
			FDS 300-level courses
	COMRT 400-level courses	n/a	
	COMRT 581 COMM Jr Seminar	COMM 581 Junior Seminar	
	COMRT 583 Production Jr Seminar		FDS 583 Junior Seminar

Elective Take ONE	Any COMRT course listed for the Communication major	ANY COMM course not taken above	Any FDS course not taken above
			any THTR course
	COMRT 529 Internship	COMM 529 Internship	

Theatre major

Category	Courses through 20/SP	Courses 20/FA and after	
Introductory Take BOTH	COMRT 130 Introduction to Theatre	THTR 110 Introduction to Theatre	
	COMRT 225 Text and Performance	THTR 210 Text and Performance	
Production Take ONE (4 credits)	COMRT 150 Acting I: foundamentals	THTR 150 Acting 1: Fundamentals of Performance	
	COMRT 170 Oral Interpretation	n/a	
Production Take ONE (4 credits)	COMRT 180 Introduction to Theatre Production	THTR 160 Introduction to State Production (2 credits) -AND-- one of:	THTR 160 Scenic Production (2 cr)
			THTR 162 Costume Production (2 cr)
			THTR 163 Lighting Production (2 cr)

-AND- Take ONE (2 credits) not taken above	COMRT 211 Topics in Scenic Prod	THTR 161 Scenic Production (2 cr)	
	COMRT 212 Topics in Ltg & Snd Prod	THTR 163 Lighting Production (2 cr)	
	COMRT 213 Topics in Costume Production	THTR 162 Costume Production (2 cr)	
	COMRT 214 Topics in Theatre Mgt	n/a	
Practicum Take TWO	COMRT 151 Practicum: Performance	THTR 221 Practicum: Performance	
	COMRT 181 Practicum: Production	THTR 222 Practicum: Production	
	COMRT 281 Practicum: Management	THTR 223 Practicum: Management	
		THTR 224 Practicum: Dramaturgy	
Theatre History Take BOTH	COMRT 315 Theatre History I	THTR 311 Theatre History 1	
	COMRT 325 Theatre History II	THTR 312 Theatre History 2	
Junior Seminar	COMRT 582 Theatre Junior Seminar	THTR 582 Junior Seminar	

Senior Project	COMRT 600 Comprehensive Seminar	THTR 600 Theatre Comprehensive Seminar	
	COMRT 611 Theatre Senior Project	THTR 610 Theatre Senior Project	
Electives 8-16 hours	additional COMRT courses	Additional THTR courses	may include COMM or FDS course at advisor's discretion
	-or- FSCOM 201	-or- FSCOM 201	

Theatre minor
Category

Category	Courses through 20/SP	Courses 20/FA and after	
Introduction Take BOTH	COMRT 130 Introduction to Theatre	THTR 110 Introduction to Theatre	
	COMRT 225 Text and Performance	THTR 210 Text and Performance	
Performance/ Production Take ONE	COMRT 150 Acting I: Fundamentals	THTR 150 Acting 1: Fundamentals of Performance	
	COMRT 180 Introduction to Theatre Production	THTR 160 Introduction to Stage Production (2 credits) -AND- one of:	THTR 161 Scenic Production (2 cr)
			THTR 162 Costume Production (2 cr)
			THTr 163 Lighting Production (2 cr)

	COMRT 200 Fund of Play Direction	THTR 280 Directing 1	
Advanced Take ONE	COMRT 230 Production Design I	THTR 260 Production Design 1	
	COMRT 270 Acting II: Scene Study	THTR 250 Acting 2: Scene Study	
	COMRT 315 Theatre History I	THTR 311 Theatre History 1	
	COMRT 325 Theatre History II	THTR 312 Theatre History 2	
	COMRT 380 Acting III: Styles	THTR 350 ACting 3: Styles	
	COMRT 425 Advanced Play Direction	THTR 380 Directing 2	
	COMRT 430 Advanced Topics	n/a	
Theatre History Take ONE	COMRT 315 Theatre History I	THTR 311 Theatre History 1	
	COMRT 325 Theatre History II	THTR 312 Theatre History 2	
Junior Seminar	COMRT 582 Theatre Junior Seminar	THTR 582 Junior Seminar	

Community and Justice Studies (First Year and Transfer)

Area of Study: Interdisciplinary Studies
Programs: Major and Minor

If a student expresses an interest in social justice, community service, activism, civic engagement, please bring the COMJ Program to their attention.

COMJ MAJOR NOTES

- 44 credits are required to complete the Major.
- The following courses are required for the Major:
    - COMJ 160 Foundations of Community and Justice Studies (4 credits)
    - COMJ 280: Power, Society and Social Change (4 credits) (usually offered Fall Semester only)
    - COMJ 460: Community Organizing and Civic Professionalism (4 credits)(usually offered Spring Semester only)
    - COMJ 560: COMJ Junior Seminar (4 credits)(usually offered Spring Semester only)
    - COMJ 620: COMJ Senior Comprehensive Project (4 credits)
- In addition to the core COMJ courses above, students must take one in each of the following categories:
    - Ethics (4 credits)
    - Place: a course grounded in our community (4 credits)
    - Political Participation and Democracy (4 credits)
- Finally, COMJ students take 3 courses within a self-designed theme. (12 credits)
- **Academic Advisor:** Students shold visit the COMJ website and request a meeting with a faculty member in COMJ. They can ask that faculty member if they would be able and willing to serve as their advisor.
- **Junior Seminar:** Students should plan to take their Junior Seminar in the Spring of their junior year. Students may register for an open section.
- **Senior Comp:** COMJ's Senior Comp is a one semester comp that can be taken in either the Fall or Spring of the senior year.

Suggested Schedule for **COMJ Majors** (for specific courses required for the Major, please see the *Academic Bulletin*):

	1st Semester (Fall)	2nd Semester (Spring)

First Year	SWS 105 *Most students should take SWS 105 in the Fall* COMJ 160 or Political Participation and Democracy elective (COMM 145 is a good one) or Ethics elective (PHIL 140 is a good one)	COMJ 160 or Political Participation and Democracy elective (COMM145 is a good one) or Ethics elective (PHIL 140 is a good one)
Sophomore	COMJ 280 Continue working on electives	COMJ 460 Continue working on Electives Identify COMJ theme
Junior	COMJ 280 Theme coursework Finish electives	COMJ 460 COMJ 560 Theme coursework Finish Electives
Senior	COMJ 620 Complete Theme coursework	COMJ 620

COMJ MINOR NOTES

24 credits are required to complete the Minor. The following courses are required for the Minor:

- COMJ 160 Foundations of Community and Justice Studies (4 credits)
- COMJ 280: Power, Society and Social Change (4 credits) (usually offered Fall Semester only)
- COMJ 460: Community Organizing and Civic Professionalism (4 credits)(usually offered Spring Semester only)
- COMJ Theme: Students take three courses (12 credits) in a self-designed theme; one of these courses should be a COMJ elective (e.g., COMJ 350 Black Meadville; COMJ 310 Multicultural Education)

Suggested Schedule for **COMJ Minor** (for specific courses required for the Minor, please see the *Academic Bulletin*):

		1st Semester (Fall)	2nd Semester (Spring)

First Year	SWS 105 *Most students should take SWS 105 in the Fall* COMJ 160	COMJ 160
Sophomore	COMJ 280	COMJ 460
Junior	COMJ 280 Theme coursework	COMJ 460 Theme coursework
Senior	Complete theme coursework	COMJ 460 Complete theme coursework

Information for Transfer Students

COMJ major in 3 years

- Ideally, a transfer student considering a COMJ major with one year of experience elsewhere will be able to transfer in courses that count for the Political Participation elective and/or the Ethics Requirement.

	Fall Semester	**Spring Semester**
Second Year	- COMJ 160	- COMJ 160 (if not already taken) - Work on Political Participation, Ethics, and/or Place requirements - Work with advisor to identify COMJ theme courses - Work with advisor to identify service/organizing experience
Third Year	- COMJ 270 - Work on theme courses - Work on/finish Political Participation, Ethics, and Place requirements	- COMJ 560, Junior Seminar - COMJ 460, Community Organizing - Work on theme courses - Finish Political Participation, Ethics, and Place requirements

Fourth Year	● COMJ 620 ● Continue working on/finish theme courses	● COMJ 620 (if not already taken) ● Continue working on/finish theme courses

Department of Computer and Information Science

General Department Information

CIS department manages four majors and minors in:

- Computer Science
- Data Science
- Informatics
- Software Engineering

Each of these programs is unique, with a specific focus and leading to specific outcomes. The table below includes an overview of each program and illustrates some of the possible pathways.

	Computer Science (BS)	Informatics (BS or BA)	Data Science (BS)	Software Engineering (BS)
Area of Study	Mathematics and Natural Sciences	Interdisciplinary Studies	Interdisciplinary Studies	Mathematics and Natural Sciences
	Discipline-Centered	Interdisciplinary	Applied: Data Focus	Applied: Software Focus

Description	A program focusing on computational theory and the rich interplay between computer hardware and software. Students use scientific and design-centric approaches to solve computational problems and to create and evaluate realistic computer and computer-based systems.	A program focusing on critical approaches to information and technology, with an emphasis on interdisciplinary methods. Students develop ethical and technical frameworks and apply them to a wide-ranging set of culturally-relevant problems in order to enrich the publish understanding of the relationship between information and culture.	A program focusing on the study of integrated principles and methods to analyze complex big data for decision making, prediction, modeling, and data management. Students examine social and human contexts and ethical implications of how data are collected, analyzed, and utilized in diverse areas.	A program focusing on the knowledge and skills that teams and individuals need to develop and maintain large-scale software systems. Students apply engineering principles and industry-standard software tools to design, implement, test, release, and enhance software for real-world customers.
Careers	computer scientist hardware engineer computer engineer product designer systems architect systems manager	Campaign strategist information architect digital librarian health information technologist geospatial analyst	data scientist data analyst data engineer technology analyst database analyst database administrator	software engineer product manager web developer DevOps engineer document engineer
Graduate Programs	Computer Science Computer Engineering Product Design	MIS MPH MLIS MS	Data Science Data Analytics Data Engineering and Database Administration Certificates	Software Engineering Software Testing Project Management DevOps, CI/CD Certificates

The requirements of these four majors and minors are described in detail at the following website: https://wws/cs/allegheny.edu/teaching/bulletin/

Laptops

We now invite all students to use their own laptops during class, laboratory, and practical sessions in all CIS courses. Desktop computers are not available in the teaching and lab spaces in Alden Hall. This allows us to closely mirror real-world practice while most effectively using the existing classroom furniture.

To ensure that every student has a laptop that will run the required software to complete work in computer science course, we encourage all students registered for computer sciences courses to visit the following web site to learn about department approved laptops: https://www.cs.allegheny.edu/resources/laptops

The department has a laptop lending program, which allows students to request a laptop to use while taking any of the CIS courses (do not have to be a major or minor). A student in need of a laptop for a CIS course can fill out a Laptop Loan Request at any point of the semester. The form is located at the following web site: https://www.cs.allegheny.edu/resources/laptops. A departmentally configured laptop will then be set up for this student and they will be contacted when the laptop is ready for pick up.

Enrollment in Common CIS Introductory Courses for Fall 2024

Common Introductory Courses (CMPSC 100, and CMPSC 101)
CMPSC 100 and CMPSC 101 are required for all CIS majors and CMPSC 100 is required for all CIS minors. Both CMPSC 100 and 101 use Python programming language.

CMPSC 100, Computational Expression:
We are offering one section of CMPSC 100, Computational Expression, in Fall 2024. This is the course that most students should take as their first course in any Computer and Information Science program. If the class fills, entrance advisers should contact the Chair, Janyl Jumadinova (jjumadinova@allegheny.edu). She can add students to this course beyond the set limit, in consultation with the CMPSC 100 instructor, if the room capacity and software and hardware availability permit doing so. This course is offered every semester/

CMPSC 101, Data Structures:
Interested students and their entrance advisors can contact the Chair, Janyl Jumadinova (jjumadinova@allegheny.edu) if they have taken an AP Computer Science Examination (and scored a 3, 4, or 5) and/or if they have some background knowledge in programming in Python. During FYCR, the Chair may add students t this course, in consultation with the instructor, beyond the set limit if the room capacity and software and hardware availability permit doing so.

Note about CMPSC 104, Document Engineering:
CMPSC 104 is a required course for Software Engineering majors (not the other CIS majors) and is a good course to take for first-year students. It is offered every fall semester.

Meeting Student Demand for Computer and Information Science Courses:

If student interest goes beyond the room capacity in which a course meets, we will collaborate with the Provost, Registrar, entrance advisers, and incoming students to ensure that, whenever possible, students can take an introductory course in their first or second semester. Additionally, with the assistance of entrance advisors, we can record the names of students who are not able to add a computer science course in their first semester and reserve them a spot in the course when it is offered next time, in Spring 2025. Please contact a course instructor and the Chair for assistance. The faculty in Computer and Information Science have already planned a tentative schedule of course offerings up to the Spring 2029 semester. Please contact the chair for read-only access to this Google Spreadsheet.

Junior Seminar and Senior Project courses

Junior Seminar, CMPSC 580, is always offered in the spring semester. Students can register for CMPSC 580 directly on Self-Service. This course must be completed before students take the Senior Comprehensive Project course in their major. Students who plan to study away during the Spring semester of their Junior year, should take CMPSC 580 in the spring semester of their Sophomore year.

Comprehensive Senior Project in all CIS majors is a two semester project with an appropriate 600 course taken in the Fall semester and a 610 course taken in the Spring semester. In rare circumstances, faculty will consider an exception to the semesters in which these courses are taken but no exception can be made to it being a two semester project. Students who are double majoring should consider completing a joint, single comprehensive senior project by registering for DOUBL 600 and 610. Students completing a double project will work with their first reader to ensure their proposed project is able to satisfy all requirements of their major in the CIS department.

Finding an Academic Advisor

Students can approach any CIS faculty to serve as their academic advisors.

Cooperative Programs

Students are encouraged to read the sections of the Academic Bulletin concerning cooperative opportunities such as the Carnegie Mellon's (CMU's) Accelerated Master's Program in Information Systems Management or in Information Security Policy & Management, or one of the 3-2 engineering programs and Health Informatics program at Chatham, or 4-1 program in Business Data Analytics with CMU's Tepper School of Business. It is likely that participation in such academic programs will require a more careful planning of the student's program of study at Allegheny College.

Computer Science

Area of Study: Mathematics and Natural Sciences
Programs: Major and Minor
Major/Minor Exclusions: A student majoring in Computer Science may not double major or minor in Data Science, Informatics or Software Engineering. A student minoring in Computer Science may not major in Data Science, Informatics or Software Engineering.

Fall 2024 Courses for Computer Science

Introductory Courses (CMPSC 100, 101, and 102)
All three introductory courses are required for a computer science major. CMPSC 102 is not offered in Fall 2024 as it is a spring course and is offered once a year, every spring semester.

Core Courses (CMPSC 200)
CMPSC 200, Computer Organization, is taught during the Fall 2024 semester. All of the core courses have two 100-level CIS courses as a prerequisite and are thus not ideal courses for incoming students unless they have taken prior courses in Computer Science but may be suitable for transfer students. If a student wants to enroll in CMPSC 200, they should contact the instructor, Doug Luman (dluman@allegheny.edu) or the department Chair (jjumadinova@allegheny.edu). This course is typically offered every fall semester.

Elective Courses (CMPSC 405)
CMPSC 403, Computer Security, is not suitable for incoming first-year students. However, they may be a good fit for incoming transfer students with experience in several computer science courses. Students interested in CMPSC 403 can contact Greg Kapfhammer (gkapfham@allegheny.edu) or the department Chair (jjumadinova@alleghny.edu) to see if they can be added to this course.

Important Notes About the Major in Computer Science
- The major in Computer Science requires the successful completion of at least 48 semester hours in Computer Science. To graduate with a major in Computer Science, a student must have an earned GPA of at least 2.0 in the required Computer Science and other courses presented for the major. For the Computer Science major, at most one of CMPSC 100, 101 or 102 may be presented for the major on a Credit/No Credit grade basis.
- Students who are interested in Mathematics and/or planning to attend graduate school in Computer Science are strongly encouraged to take Math 151 early in their academic career. In consultation with their academic adviser, students who major in Computer Science may incorporate Mathematics courses into their study through the following substitutions:
  - Math 205 as a substitute for CMPSC 102
  - Math 320, Math 330, Math 345, or Math 370 as a substitute for one of the required specialization courses.

Additional, regularly updated, details about the Computer Science major are always available at: https://www.cs.allegheny.edu/teaching/bulletin/

Suggested Schedule for a Major in Computer Science

We do not recommend taking more than two CMPSC courses with a lab (with an exception of the Junior seminar and a Senior Project) in one semester.

	Fall Academic Semester	Spring Academic Semester

First Year	CMPSC 100	CMPSC 101 CMPSC 102 (spring only)
Sophomore	Two of the following: CMPSC 200 (fall only) CMPSC 204 (fall only) Elective	Two of the following: CMPSC 202 CMPSC 406 (spring only) Elective
Junior	Remaining course from CMPSC 200, CMPSC 204, or Elective	Remaining course from CMPSC 202, CMPSC 406, or Elective CMPSC 580 (spring only)
Senior	CMPSC 600	CMPSC 610

Students who declare a Computer Science major are encouraged to regularly meet with their academic adviser to verify that they are making suitable progress towards the completion of their degree requirements.

Minors in Computer Science

The minor in Computer Science requires the completion of at least 24 semester hours of coursework in Computer Science including:

- CMPSC 100 - Computational Expression AND
- CMPSC 102 - Discrete Structures

A minor must also include two courses from the Core (CMPSC 200, CMPSC 202, CMPSC 204, CMPSC 406) and two courses from Electives (CMPSC 300, CMPSC 304, CMPSC 400, CMPSC 403). Please remember that at most one of CMPSC 100 or 102 may be presented for the minor on a Credit/No Credit grade basis.

Information for Transfer Students

A maximum of 16 transfer credits may be counted toward the major. A maximum of 8 transfer credits may be counted toward the minor.

Three Year Computer Science Academic Plan

Transferring after one year

We expect students transferring to Allegheny after attending one year at another institution may have one introductory course; in some cases, they may also be transferring in a second or third introductory course and/or a Core or Elective course. We do not recommend taking more than two computer science courses with a lab (with an exception of the the Junior Seminar and Senior Project) in one semester.

	MAJORS	**MINORS**
Year 1 at Allegheny	- Complete remaining **CMPSC 100-level** introductory courses if necessary (majors need 3; CMPSC 100, 101, and 102 - Take 1-2 **Core** course(s) - Take 1 **Elective** course	Complete **CMPSC 100-level** introductory courses if necessary (minors need 2: CMPSC 100 and CMPSC 102 Take 1 additional **Core** or **Elective** course
Year 2 at Allegheny	- Take 2-3 **Core** courses - Take 1-2 **Elective** courses (majors need 2) - Enroll in **CMPSC 580**, Junior Seminar (spring semester only)	- Take 1-2 **Core** courses (minors need 2) - Take 1-2 **Elective** courses (minors need 2)
Year 3 at Allegheny	- Complete remaining **Core** or **Elective** courses if necessary - Take **CMPSC 600** in the fall semester - Take **CMPSC 610** in the spring semester - Take any remaining CMPSC courses to reach major requirement of **48 credits**.	- Complete remaining **Core** or **Elective** courses if necessary - Take any remaining CMPSC courses to reach minor requirement of **24 credits**

Two Year Computer Science Academic Plan

Transferring after two years

	MAJORS	**MINORS**
Year 1 at Allegheny	- Complete remaining *CMPSC 100-level* introductory courses if necessary in the first semester (majors need 3: CMPSC 100, 101, and 102) - Take 2-3 **Core** courses - Optionally, take 1 **Elective** course - Enroll in **CMPSC 580**, Junior Seminar (spring semester only)	- Complete **CMPSC 100-level** introductory courses if necessary (minors need 2: CMPSC 100 and CMPSC 102) - Take 1-2 **Core** courses (minors need 2) - Optionally, take 1 **Elective** course (minors need 2)
Year 2 at Allegheny	- Take 1-2 **Core** courses - Take 1-2 **Elective** courses (majors need 2) - Take **CMPSC 600** in the fall semester - Take **CMPSC 610** in the spring semester - Take any remaining CMPSC courses to reach major requirement of **48 credits**	- Take 1-2 **Elective** courses (minors need 2) - Take any remaining **Core** courses if necessary - Take any remaining CMPSC courses to reach minor requirement of **24 credits**

We expect students transferring to Allegheny after attending two years at another institution may have at least two introductory courses and may also be transferring in a Core or Elective course. We do not recommend taking more than two computer science courses with a lab (with an exception of the Junior Seminar and Senior Project) in one semester

Issues to consider for transfer credits:

- It is common for the similar sounding CMPSC courses to have varying degrees of "depth" across different institutions as evident by the varying or lack of prerequisites and topics covered. Transfer credit is accepted only for courses at approximately the same level of topic "depth" as the Allegheny College courses.
- All CMPSC courses use version control software (Git), continuous integration (GitHub Actions) and many courses beyond CMPSC 100 use a container-based system (Docker). Transfer students unfamiliar with these technologies should reach out to the Chair of the department to be placed in a short tutoring program with the department's Technical Leaders.

- All CMPSC introductory courses at Allegheny College are taught in Python programming languages. Transfer students unfamiliar with Python should reach out to the Chair of the department to receive adequate support.

Data Science

Area of Study: Interdisciplinary Studies
Programs: Major and Minor
Major/Minor Exclusions: A student majoring in Data Science may not double major or minor in Computer Science, Informatics or Software Engineering. A student minoring in Data Science may not major in Computer Science, Informatics or Software Engineering.

Fall 2024 Courses for Data Science

Introductory Courses (CMPSC 100, 101, and 105)
All three introductory courses are required for a data science major. CMPSC 105 is not offered in Fall 2024 as it is a spring course and is offered once a year, every Spring semester.

Core Courses
A number of Core courses offered through various departments are available in Fall 2024. While some of them do not have prerequisites, others do have prerequisites. Also, some courses are already full. The courses with prerequisites are unlikely to be suitable for incoming first-year students but could be appropriate for some incoming transfer students.

Core courses offered in Fall 2024 under Effective Communication category:

- ENGL 210 (has a prerequisite of one 100-level literature course)

Core courses offered in Fall 2024 under Ethics category:

- PHIL 130
- PHIL 140 (currently full)

Core courses offered in Fall 2024 under Statistics category:

- BIO 385 (currently full and has prerequisites)
- ECON 202 (has prerequisites)
- PSYCH 207 (has prerequisites)

Elective Courses

The following elective courses are offered in Fall 2024:

- ECON 203 (has a prerequisite)
- GHS 223
- PSYCH 307 (has prerequisites)

Courses that have prerequisites are not suitable for incoming first-year students. However, they may be a good fit for incoming transfer students.

Important Notes About the Major in Data Science
- The major in Data Science requires the successful completion of at least 48 semester hours. To graduate with a major in Data Science, a student must have an earned GPA of at least 2.0 in the required courses presented for the major. For the Data Science major, at most one of CMPSC 100, 101 or 105 may be presented for the major on a Credit/No Credit grade basis.
- With an approval from an academic advisor, students may substitute a Junior Seminar in another department for CMPSC 580.

Additional, regularly updated, details about the Data Science major are always available at:
https://www.cs.allegheny.edu/teaching/bulletin/

Suggested Schedule for a Major in Data Science
We do not recommend taking more than two CMPSC courses with a lab (with an exception of the Junior seminar) in one semester.

	Fall Academic Semester	Spring Academic Semester
First Year	CMPSC 100	CMPSC 101 CMPSC 105 (spring only)
Sophomore	CMPSC 301 (fall only) 1 additional **Core** courses	CMPSC 405 (spring only) 1 additional **Core** courses
Junior	Remaining **Core** course **Elective**	CMPSC 580
Senior	DS 600	DS 610

Students who declare a Data Science major are encouraged to regularly meet with their academic adviser to verify that they are making suitable progress towards the completion of their degree requirements.

Minors in Data Science

The minor in Data Science requires the completion of at least 24 semester hours of coursework including:

- CMPSC 100 - Computational Expression AND
- CMPSC 105 - Data Exploration AND

- CMPSC 301 - Data Science

A minor must also include one course from the Ethics Core, one course from Effective Communication Core, and one course from Statistics Core. Please remember that at most one of CMPSC 100 or 105 may be presented for the minor on a Credit/No Credit grade basis.

Information for Transfer Students

A maximum of 16 transfer credits may be counted toward the major. A maximum of 8 transfer credits may be counted toward the minor.

Three Year Data Science Academic Plan

Transferring after one year		
We expect students transferring to Allegheny after attending one year at another institution may have one introductory course, in some cases, they may also be transferring in a second or third introductory course and/or a Core or Elective course. We do not recommend taking more than two CMPSC courses with a lab (with an exception of the Junior Seminar and Senior Project) in one semester.		
	MAJOR	**MINOR**
Year 1 at Allegheny	- Complete remaining **CMPSC 100-level** introductory courses if necessary (majors need 3: CMPSC 100, 101, and 105) - Take 2-3 Core course(s)	- Complete **CMPSC 100-level** introductory course if necessary (minors need 2: CMPSC 100 and CMPSC 105) - Take 1-2 **Core** courses
Year 2 at Allegheny	- Take 2-3 **Core** courses - Optionally take 1 **Elective** course - Enroll in **CMPSC 580**, Junior Seminar (spring semester only)	Take 2-3 **Core** courses

Year 3 at Allegheny	- Complete remaining **Core** or **Elective** courses if necessary - Take **DS 600** in the fall semester - Take **DS 610** in the spring semester - Take any remaining courses to reach major requirement of **48 credits.**	- Complete remaining courses if necessary - Take any remaining courses to reach minor requirement of **24 credits**

Two Year Computer Science Academic Plan

Transferring after two years		
We expect students transferring to Allegheny after attending two years at another institution may have at least two introductory courses and may also be transferring in a Core or Elective course. We do not recommend taking more than two CMPSC courses with a lab (with an exception of the Junior Seminar and Senior Project) in one semester.		
	MAJORS	**Minors**
Year 1 at Allegheny	- Complete remaining *CMPSC 100-level* introductory courses if necessary in the first semester (majors need 3: CMPSC 100, 101, and 105) - Take 2-4 **Core** courses - Enroll in **CMPSC 580**, Junior Seminar (spring semester only)	- Complete **CMPSC 100-level** introductory courses if necessary (minors need 2: CMPSC 100 and CMPSC 105) - Take 1-2 **Core** courses (minors need 2) - Optionally, take 1 **Elective** course (minors need 2)
Year 2 at Allegheny	- Take 1-3 **Core** courses - Take 1 **Elective** course - Take **DS 600** in the fall semester - Take **DS 610** in the spring semester - Take any remaining courses to reach major requirement of **48 credits**	- Take 1-2 **Elective** courses (minors need 2) - Take any remaining **Core** courses if necessary - Take any remaining CMPSC courses to reach minor requirement of **24 credits**

Issues to consider for transfer credits:

- It is common for the similar sounding CMPSC courses to have varying degrees of "depth" across different institutions as evident by the varying or lack of prerequisites and topics covered. Transfer credit is accepted only for courses at approximately the same level of topic "depth" as the Allegheny College courses.
- All CMPSC courses use version control software (Git), continuous integration (GitHub Actions) and many courses beyond CMPSC 100 use a container-based system (Docker). Transfer students unfamiliar with these technologies should reach out to the Chair of the department to be placed in a short tutoring program with the department's Technical Leaders.
- All CMPSC introductory courses at Allegheny College are taught in Python programming languages. Transfer students unfamiliar with Python should reach out to the Chair of the department to receive adequate support.

Informatics

Area of Study: Interdisciplinary Studies
Programs: Major and Minor
Major/Minor Exclusions: A student majoring in Informatics may not double major or minor in Computer Science, Data Science or Software Engineering. A student minoring in Data Science may not major in Computer Science, Data Science or Software Engineering.

Fall 2024 Courses for Informatics

Introductory Courses (CMPSC 100, 101, and 105)
All three introductory courses are required for a data science major. CMPSC 105 is not offered in Fall 2024 as it is a spring course and is offered once a year, every Spring semester.

Core Courses
The following Core Methods courses are offered in Fall 2024:

- CMPSC 350 (has a prerequisite of CMPSC 100 and 101)
- COMM 342 (has a prerequisite of one 100-level or 200-.eve. COMM course)
- ART 187
- FDS 171

Applications Modules
Students should consult with an advisor about their interests, questions, and goals as they design their module coursework. In their first year, students should consider taking introductory courses related to their module(s) of interest.

Important Notes About the Major in Informatics
- The major in Data Science requires the successful completion of at least 48 semester hours. To graduate with a major in Informatics, a student must have an earned GPA of at least 2.0 in the

required courses presented for the major. For the Informatics major, at most one of CMPSC 100, 101 or 105 may be presented for the major on a Credit/No Credit grade basis.

- With an approval from an academic advisor, students may substitute a Junior Seminar in another department for CMPSC 580.

Additional, regularly updated, details about the Informatics major are always available at: https://www.cs.allegheny.edu/teaching/bulletin/

Suggested Schedule for a Major in Informatics

We do not recommend taking more than two CMPSC courses with a lab (with an exception of the Junior seminar) in one semester.

	Fall Academic Semester	Spring Academic Semester
First Year	CMPSC 100	CMPSC 101 CMPSC 105 (spring only)
Sophomore	2 **Core** courses	1 **Core** course 1 **Applications Module** course
Junior	Remaining **Core** course 1 **Applications Module** course	CMPSC 580
Senior	INFM 600	INFM 610

Students who declare an Informatics major are encouraged to regularly meet with their academic adviser to verify that they are making suitable progress towards the completion of their degree requirements.

Minors in Informatics

The minor in Informatics requires the completion of at least 24 semester hours of coursework including:

- CMPSC 100 - Computational Expression AND
- CMPSC 101 - Data Structures

A minor must also take two Core courses (CMPSC 350 and COMM 342) and two courses from one Applications Module. Please remember that at most one of CMPSC 100 or 101 may be presented for the minor on a Credit/No Credit grade basis.

Information for Transfer Students

A maximum of 16 transfer credits may be counted toward the major. A maximum of 8 transfer credits may be counted toward the minor.

Three Year Data Science Academic Plan

<table>
<tr>
<td colspan="3" align="center">Transferring after one year</td>
</tr>
<tr>
<td colspan="3">We expect students transferring to Allegheny after attending one year at another institution may have one introductory course; in some cases, they may also be transferring in a second or third introductory course and/or a Core or Elective course. We do not recommend taking more than two CMPSC courses with a lab (with an exception of the Junior Seminar and Senior Project) in one semester.</td>
</tr>
<tr>
<td></td>
<td align="center">MAJORS</td>
<td align="center">MINORS</td>
</tr>
<tr>
<td>Year 1 at Allegheny</td>
<td>Complete remaining CMPSC 100-level introductory courses if necessary (majors need 3: CMPSC 100, 101, and 105)
Take 2 Core course(s)
Optionally, take 1 Applications Module course</td>
<td>Complete CMPSC 100-level introductory course if necessary (minors need 2: CMPSC 100 and CMPSC 101)
Take 1-2 Core courses</td>
</tr>
<tr>
<td>Year 2 at Allegheny</td>
<td>Take 2 Core courses
Take 1 Applications Module course
Enroll in CMPSC 580, Junior Seminar (spring semester only)</td>
<td>Complete remaining Core courses if necessary
Take 2 Applications Module courses</td>
</tr>
<tr>
<td>Year 3 at Allegheny</td>
<td>Complete remaining Applications Module course if necessary
Take INFM 600 in the fall semester
Take INFM 610 in the spring semester
Take any remaining courses to reach major requirement of 48 credits</td>
<td>Complete remaining courses if necessary
Take any remaining courses to reach minor requirement of 24 credits</td>
</tr>
</table>

Two Year Computer Science Academic Plan

	Transferring after two years	
	We expect students transferring to Allegheny after attending two years at another institution may have at least two introductory courses and may also be transferring in a Core or Elective course. We do not recommend taking more than two CMPSC courses with a lab (with an exception of the Junior Seminar and Senior Project) in one semester.	
	MAJORS	**Minors**
Year 1 at Allegheny	- Complete remaining *CMPSC 100-level* introductory courses if necessary in the first semester (majors need 3: CMPSC 100, 101, and 105) - Take 2-3 **Core** courses - Enroll in **CMPSC 580**, Junior Seminar (spring semester only)	- Complete **CMPSC 100-level i**introductory course if necessary (minors need 2: CMPSC 100 and CMPSC 101) - Take 1-2 **Core** courses (minors need 2) - Optionally, take 1 **Applications Module** course (minors need 2)
Year 2 at Allegheny	- Complete remaining 1-2 **Core** courses - Take 2 **Applications Module** courses - Take **INFM 600** in the fall semester - Take **INFM 610** in the spring semester - Take any remaining courses to reach major requirement of **48 credits**	- Take 1-2 **Applications Module** courses (minors need 2) - Take any remaining **Core** courses if necessary - Take any remaining CMPSC courses to reach minor requirement of **24 credits**

Issues to consider for transfer credits:

- It is common for the similar sounding CMPSC courses to have varying degrees of "depth" across different institutions as evident by the varying or lack of prerequisites and topics covered. Transfer credit is accepted only for courses at approximately the same level of topic "depth" as the Allegheny College courses.
- All CMPSC courses use version control software (Git), continuous integration (GitHub Actions) and many courses beyond CMPSC 100 use a container-based system (Docker). Transfer students unfamiliar with these technologies should reach out to the Chair of the department to be placed in a short tutoring program with the department's Technical Leaders.

- All CMPSC introductory courses at Allegheny College are taught in Python programming languages. Transfer students unfamiliar with Python should reach out to the Chair of the department to receive adequate support.

Software Engineering

Area of Study: Mathematics and Natural Sciences
Programs: Major and Minor
Major/Minor Exclusions: A student majoring in Software Engineering may not double major or minor in Computer Science, Data Science, or Informatics. A student minoring in Computer Science may not major in Computer Science, Data Science, or Informatics.

Fall 2024 Courses for Software Engineering

Introductory Courses (CMPSC 100, 101, and 104)
All three introductory courses are required for a computer science major and all three courses are offered in Fall 2024. Both CMPSC 100 and 104 are appropriate and recommended for first-year students. Students with prior programming experience, specifically in Python, may reach out to the Chair (jjumadinova@allegheny.edu) to discuss the possibility of enrolling in CMPSC 101.

Core Courses
CMPSC 203, Software Engineering, is taught during the Fall 2024 semester. All of the core courses have two 100-level CIS courses as a prerequisite and are thus not ideal courses for incoming students unless they have taken prior courses in Computer Science but maybe suitable for transfer students. If a student wants to enroll in CMPSC 203, they should contact the instructor, Greg Kapfhammer (gkapfham@allegheny.edu) or the department Chair (jjumadinova@alleghny.edu). This course is offered every fall semester.

Elective Courses
CMPSC 303, Artificial Intelligence, and CMPSC 403, Computer Security, are unlikely to be suitable for incoming first-year students. However, they may be a good fit for incoming transfer students. Students interested in these courses should contact course instructors or the department Chair (jjumadinova@alleghny.edu) to see if the course is suitable.

Important Notes About the Major in Software Engineering
- The major in Software Engineering requires the successful completion of at least 48 semester hours in Computer Science. To graduate with a major in Software Engineering, a student must have an earned GPA of at least 2.0 in the required courses presented for the major. For the Software Engineering major, at most one of CMPSC 100, 101 or 104 may be presented for the major on a Credit/No Credit grade basis.

Additional, regularly updated, details about the Computer Science major are always available at: https://www.cs.allegheny.edu/teaching/bulletin/

Suggested Schedule for a Major in Software Engineering

We do not recommend taking more than two CMPSC courses with a lab (with an exception of the Junior seminar and a Senior Project) in one semester.

	Fall Academic Semester	Spring Academic Semester
First Year	CMPSC 100	CMPSC 101
Sophomore	CMPSC 104 CMPSC 201 or CMPSC 202	CMPSC 302 (spring only) CMPSC 201 or CMPSC 202
Junior	CMPSC 203 (fall only) 1 **Elective**	CMPSC 404 (spring only) Optionally, 1 **Elective** CMPSC 580 (spring only)
Senior	1 **Elective** (majors need 2) if needed SE 600	SE 610

Students who declare a Software Engineering major are encouraged to regularly meet with their academic adviser to verify that they are making suitable progress towards the completion of their degree requirements.

Minors in Software Engineering

The minor in Software Engineering requires the completion of at least 24 semester hours of coursework in Software Engineering including:

- CMPSC 100 - Computational Expression AND
- CMPSC 101 - Data Structures AND
- CMPSC 203 - Software Engineering

A minor must also take one additional course from the Core courses (CMPSC 201, CMPSC 302, CMPSC 404) and two courses from Electives (CMPSC 400, CMPSC 403, CMPSC 303, CMPSC 305). Please remember that at most one of CMPSC 100 or 101 may be presented for the minor on a Credit/No Credit grade basis.

Information for Transfer Students

A maximum of 16 transfer credits may be counted toward the major. A maximum of 8 transfer credits may be counted toward the minor.

Three Year Computer Science Academic Plan

Transferring after one year		
We expect students transferring to Allegheny after attending one year at another institution may have one introductory course; in some cases, they may also be transferring in a second or third introductory course and/or a Core or Elective course. We do not recommend taking more than two computer science courses with a lab (with an exception of the Junior Seminar and Senior Project) in one semester.		
	MAJORS	**MINORS**
Year 1 at Allegheny	- Complete remaining **CMPSC 100-level** introductory courses if necessary (majors need 3: CMPSC 100, 101, and 104) - Take 1-2 **Core** course(s) - Take 1 **Elective** course	- Complete CMPSC 100-level introductory course if necessary (minors need 2: CMPSC 100, and CMPSC 101) - Take 1 additional **Core** or **Elective** course
Year 2 at Allegheny	- Take 2-3 **Core** courses - Take 1-2 **Elective** courses (majors need 2) - Enroll in **CMPSC 580**, Junior Seminar (spring semester only)	- Take 1-2 **Core** courses (minors need 2, including CMPSC 203) - Take 1-2 **Elective** courses (minors need 2)
Year 3 at Allegheny	- Complete remaining **Core** or **Elective** courses if necessary - Take **SE 600** in the fall semester - Take **SE 610** in the spring semester - Take any remaining CMPSC courses to reach major requirement of **48 credits**	- Complete remaining **Core** or **Elective** courses if necessary - Take any remaining CMPSC courses to reach minor requirement of **24 credits**

Two Year Computer Science Academic Plan

Transferring after two years

	MAJORS	MINORS
Year 1 at Allegheny	- Complete remaining *CMPSC 100-level* introductory courses if necessary in the first semester (majors need 3: CMPSC 100, 101, and 104) - Take 2-3 **Core** courses - Optionally, take 1 **Elective** course - Enroll in **CMPSC 580**, Junior Seminar (spring semester only)	- Complete **CMPSC 100-level** introductory course if necessary (minors need 2: CMPSC 100 and CMPSC 101 - Take 1-2 **Core** courses (minors need 2, one of them must be CMPSC 203) - Optionally, take 1 **Elective** course (minors need 2)
Year 2 at Allegheny	- Take 1-2 **Core** courses - Take 1-2 **Elective** courses (majors need 2) - Take **SE 600** in the fall semester - Take **SE 610** in the spring semester - Take any remaining CMPSC courses to reach major requirement of **48 credits**	- Take 1-2 **Elective** courses (minors need 2) - Take any remaining **Core** courses if necessary - Take any remaining CMPSC courses to reach minor requirement of **24 credits**

We expect students transferring to Allegheny after attending two years at another institution may have at least two introductory courses and may also be transferring in a Core or Elective course. We do not recommend taking more than two computer science courses with a lab (with an exception of the Junior Seminar and Senior Project) in one semester.

Issues to consider for transfer credits:

- It is common for the similar sounding CMPSC courses to have varying degrees of "depth" across different institutions as evident by the varying or lack of prerequisites and topics covered. Transfer credit is accepted only for courses at approximately the same level of topic "depth" as the Allegheny College courses.
- All CMPSC courses use version control software (Git), continuous integration (GitHub Actions) and many courses beyond CMPSC 100 use a container-based system (Docker). Transfer students unfamiliar with these technologies should reach out to the Chair of the department to be placed in a short tutoring program with the department's Technical Leaders.
- All CMPSC introductory courses at Allegheny College are taught in Python programming languages. Transfer students unfamiliar with Python should reach out to the Chair of the department to receive adequate support.

Economics (First Year and Transfer)

Area of Study: Social and Behavioral Science
Programs: Major and Minor
Major/Minor Exclusions:
A student majoring in Economics may not double major in Business.
A student minoring in Economics may not major in Business.

The Economics major consists of a core of six required courses (two each in Macroeconomics, Microeconomics, and Statistics), four elective courses (two at the 200 level and two and the 400 level), a seminar (taken 2nd semester junior or first semester senior year) and the senior project (taken the semester after the seminar).

The recommended schedule for most students is to take Introductory Microeconomics (ECON 100) and Introductory Macroeconomics (ECON 101) during their first year and Microeconomic Theory (ECON 200), Macroeconomic Theory (ECON 201) and Statistics (ECON 202 and 203) beginning their sophomore year. It is recommended that this group of six core courses is completed by the end of the first semester junior year.

When advising a student interested in Economics, please note:

- The order in which ECON 100 and 101 are taken does not matter. The same is true for ECON 200 and 201.
- MATH 140 or 151 is a prerequisite to ECON 200, 201, and 202 and should be taken First year.
- Courses numbered 011 or 010 do not count towards the major or minor.
- ECON 190 and 226-286 are sophomore-level electives and can be taken without ECON 200-203.
- FSECO201 can substitute for a 200-level elective.
- All economics majors take an ECON 570-580 level seminar in their first semester senior year or second semester junior year. They complete their senior projects the following semester. Most students do their senior projects under the supervision of their seminar instructor.
- There is no minor in Business.
- Students cannot double major in Business and Economics.
- Major Advisor: Students can approach faculty directly about being their advisor. Students in search of advisors often approach the B&E department chair, who is happy to direct students to faculty who are most appropriate.
- Junior Seminar and Senior Comp: Students should plan to take their seminar either spring of junior year of fall of senior year. They should plan to complete their senior project during the following semester. Since the junior seminar leads into the senior project, it is NOT recommended that students take the seminar and senior project at the same time. Students planning on graduating in January should take the seminar the previous spring and the senior project in the fall semester.
- When choosing between the Economics and Business majors, students should consider the following:

- There is a lot of overlap between the two majors, so for most students, there is no bad choice. Generations of Allegheny alumni have gone into every field of business after majoring in Economics, English, Philosophy, Political Science, etc.
- The Economics major requires more of the core Economics courses. The Business major requires fewer core Economics courses, but more courses overall.
  - The Economics major requires 12 courses plus the math prerequisite. The Business major requires 13 courses plus the math prerequisite.
  - Business majors are only required to take one of the theory courses (ECON 200 or 201) and only the first Statistics course (ECON 202 but not ECON 203). Students who are interested in developing stronger quantitative skills, for example students who want to go into the fields of economics, finance, or data analytics, should consider majoring in economics.
  - The Business major requires more Business classes, such as Accounting, Introductory and Advanced Business Economics, Business Ethics, and Business Communication. Business majors are introduced to concepts in business-related fields, such as Human Resource Management, Accounting, and Marketing. Students who are interested in studying a broad set of business-related topics should consider majoring in business.

Sample Schedule for an **Economics Major placing into MATH 151:**

	1st Semester	2nd Semester
First-Year	SWS 105 *Most students should take SWS 105 in the Fall* ECON 101 MATH 151	ECON 100
Sophomore	ECON 200 FSECO 201	ECON 202 ECON 200-level Elective
Junior	ECON 201 ECON 203	ECON 400-level Elective
Senior	ECON 570-580 ECON 400-level Elective	ECON 620

Sample Schedule for an **Economics Major placing into MATH 151 and studying abroad:**

	1ˢᵗ Semester	2ⁿᵈ Semester
First-Year	SWS 105 *Most students should take SWS 105 in the Fall* ECON 100 MATH 151	ECON 101
Sophomore	ECON 200 ECON 202 FSECO 201	ECON 201 ECON203
Junior	Study Abroad. Transfer back one 200-level economics elective plus three non-economic classes.	ECON 400-level Elective
Senior	ECON 570-580 ECON 400-level Elective	ECON 620

Sample Schedule for an **Economics Major starting late and placing into MATH 140:**

	1ˢᵗ Semester	2ⁿᵈ Semester
First-Year	SWS 105 *Most students should take SWS 105 in the Fall*	
Sophomore	ECON 100 ECON 101 MATH 140	ECON 200 ECON 200-level Elective ECON 200-level Elective
Junior	ECON 201 ECON 202	ECON 203 ECON 400-level Elective
Senior	ECON 400-level Elective ECON 570-580	ECON 620

Minor

Successful completion of at least 24 semester hours: Introductory Microeconomics, Introductory Macroeconomics, Microeconomic Theory or Macroeconomic Theory, and three additional courses numbered 190 or higher.

Information for Transfer Students

Suggested pathway of an **Economics Major** for a transfer student planning to finish in 3 years. Students are expected to be transferring MATH 140 or 151, ECON 100 and 101. See sample above for **Economics Major starting late and placing into MATH 140** for another sample schedule.

	1st Semester	2nd Semester
Sophomore	ECON 200 ECON 202 ECON 200-level elective or minor course	ECON 201 ECON 203 FSECO 201 ECON 200-level elective or minor course
Junior	ECON 400-level elective Elective in minor Study Abroad (if needed)	ECON 400-level elective Elective in minor
Senior	ECON 580, Senior Seminar Courses for distribution and minor	ECON 620, Senior Project Courses for distribution and minor

Suggested pathway of an **Economics Major** for a transfer student planning to finish in 2 years. Students are expected to be transferring MATH 140 or 151, ECON 100, 101, 200, 201, and about two ECON 200-level electives.

	1st Semester	2nd Semester
Junior	ECON 202 ECON 400-level elective Elective in minor	ECON 203 FSECO 201 Elective in minor

Senior	ECON 400-level elective ECON 580, Senior Seminar Courses for distribution and minor	ECON 620, Senior Project Courses for distribution and minor

Education Studies

Area of Study: Interdisciplinary Studies
Program: Minor

Education Studies is an Interdisciplinary Studies minor designed to prepare students interested in the field of Education. As an interdisciplinary studies minor, Education Studies may be combined with any other Major program in the curriculum.

When advising these students, please note:
Education Studies is a 24-credit minor that requires the following:

- EDUC 100: Introduction to Education Studies
- A Culture & Education, Practice, or Policy ("CEPP") course (check the 2024-25 *Academic Bulletin* for the list)
- EDUC 543 and 544: Internship Seminar (2 credits each; designed to be taken in consecutive semesters: EDUC 543 in the fall and EDUC 544 in the spring. Both courses must be taken. Students **must** obtain clearance by the end of the semester prior to the start of EDUC 543.
- Three Electives (12 credits) from the following list. Note that one must be at the 300-level:
    - EDUC 215: Foundations of Special Education*
    - EDUC 216: Teaching English Language Learners*
    - EDUC 230: Teaching Health and Wellness*
    - EDUC/COMJ 310: Multicultural Education*
    - EDUC 325: Education Methods and Design*
    - EDUC 330: Advanced Topics in Education Studies*
    - ENGL 350: Children's Literature*
    - ENVSC 250: Environmental Education
    - MATH 135: Elementary School Mathematics
    - PSYCH 106: Educational Psychology
    - THTR 290: Theatre for Young Audiences (Fall 2024)

(Courses marked with an asterisk have a prerequisite)

Please note:

- *EDUC 100 is not a prerequisite for ENGL 350, ENVSC 250, MATH 135, and PSYCH 106*
- A student's choice of electives will be shaped by his/her post-graduate plans (that is, whether the student is pursuing early childhood education, elementary education, secondary education, or education policy).
- **NOTE: we have reserved seats in EDUC 100 (in both sections) for incoming first-year students.**

Suggested Schedule for the Education Studies Minor:

	1st Semester (Fall)	2nd Semester (Spring)	Notes
First Year	EDUC 100 or CE/P/P Requirement	EDUC 100 or Elective	EDUC 100 may also be taken in the sophomore year
Sophomore	Elective	Elective	
Junior	EDUC 543	EDUC 544	Take in consecutive semesters (can also be taken in senior year)
Senior	300-level Elective		300-level elective may be taken at any time after completion of EDUC 100

Important: Teacher Preparation Programs (4-1)

Allegheny students interested in pursuing a career in education can earn teacher certification and a Master's degree at one of Allegheny's partner institutions University of Pittsburgh, or Xavier University (Cincinnati, OH), or at any of a number of 1-year masters/certification programs across the country. (Previous graduates have attended the University of Michigan, UPenn, Ohio State, and The University of Chicago, to name a few.) In preparation for these programs, students complete four years at Allegheny with a major and a minor in academic disciplines and then complete their teacher preparation at the graduate level at one of these graduate programs. Applicants to the programs must maintain a minimum overall grade point average while at Allegheny and meet the admission requirements of each graduate school. **Thus, a student may need to complete additional coursework while at Allegheny to fulfill those admission requirements.** Students who are interested in any of these programs should contact Jennifer Franz, Education Studies Program Coordinator, early in their academic careers for information about graduate institution requirements. For additional advising in Education Studies, students should also contact Prof. Franz.

Energy and Society

Area of Study: Interdisciplinary Studies
Program: Minor
Now housed in Environmental Science & Sustainability

The Energy and Society minor is an Interdisciplinary Studies minor. Students may choose any major to satisfy the college requirement that the major and minor be in different divisions.

Students who are interested in the following topics may be good candidates in pursuing an Energy and Society minor:

- Natural resources (energy, water, metals, etc.)
- Sustainability
- Climate change
- Domestic and international political systems
- Economics of energy resources (fossil fuels, nuclear, and renewables)
- Community, ethics, and social justice
- Global health and well-being

The Energy and Society minor consists of 20 credit hours with three required courses and a minimum of eight elective credit hours. It is recommended that students begin by taking ENERG 105: Introduction to Energy and Society. ENERG 105 provides a broad overview of society's energy systems and allows a student to get a feel for the field of energy, and has distribution tags of Quantitative Reasoning (QR) and Social Behavior and Institutions (SB).

For future course planning purposes, it should be noted that two of the foundation courses for the minor (ENERG 105 and ENVSC 385) will be offered only one time per academic year. The required capstone course, either ENERG 480 or ENERG 485, will be offered on an alternate year basis. ENVSC 385, ENERG 480, and ENERG 485 have laboratory sections associated with them, so please have students plan their schedules to accommodate those lab sections.

Elective courses related to the minor are in areas of Ethics and Social Justice, Communication, Economic Systems, and Political Systems. Students may use a credit-bearing internship to fulfill up to 4 credit hours of their 8 credit hour elective requirement.

English (First Year and Transfer)

Area of Study: Languages, Literature, and Culture
Programs:

- English--Emphasis in Creative Writing: Major
- English--Emphasis in Literature: Major
- English: Minor
- Environmental Writing: Minor
- Writing: Minor

When advising a student interested in English, please note:

Starting AY 23-24, all 100-level English courses will be themed courses, the 111-118 "Literature and" courses first introduced in FA 2019, the non-themed ENGL 110 will *not* be offered. These courses are a prerequisite for all creative writing courses at and above the 200-level and all literature courses at and above the 200-level.

- The 100-level courses, which are curricularly, analogous, are titled as follows/
  - 111: Literature and the Arts
  - 112: Literature and the Body
  - 113: Literature and Race
  - 114: Literature and Business
  - 115: Literature and Sexuality
  - 116: Literature and the Environment
  - 117: Literature and Science
  - 118: Literature and the Mind
- All 100-level courses are focused on intorductory College-level analysis of literature in at least three different genres (including, for instance, poetry, fiction, nonfiction, and drama).
- Each course in this series is oriented around learning and practicing the "close reading" skills of textual analysis and intensive literary study.
- The title of each course in the series is intended to reflect the thematic focus of the section. The titles do not presume the need for any particular disciplinary background as a pre-requisite for each course, nor do they signal that these courses will address non-literary disciplinary knowledge. That's to say, "Literature and Business" will be the close study of literature that relates to business — broadly defined — but that knowledge of business is unnecessary for the class, and the class will not convey any disciplinary content of business.
- The classes are not sequential; 110 is not a pre-requisite for any other course at this level.
- Any of these 100-level classes fills the prerequisite for upper level courses in English..
- Our original intention in offering this series was twofold: A) To offer more discrete themes to signal to students not-typically inclined to see literature as related to their prospective fields of study how, indeed, literature intersects with many categories of knowledge; B) To demonstrate the potential value in students taking more than one general introductory course in literature. A student who so chooses could take more than one course in the 100-level.

- Our intention behind removing ENGL 110 and teaching solely "Literature And" 100-level courses in AY 23-24, and now continuing this practice in AY 24-25, is also twofold: A) To eliminate confusion about the difference between 110 and these other courses as well as the sense that the 110 is the "preferred" course, and B) to allow us to offer a broader array of "Literature And" courses.

OVERALL NOTES IN ENGLISH

- In addition to the 100-level courses, first-year students interested in English, especially English literary studies, may take English 230, 231, 232, 233, 235, or 236 as early as their first semester at Allegheny. **100-level English is NOT a prerequisite for these courses.**
- Students may also begin the major by taking a studies course (230, 231, 232, 233, 235, 236)
- 300-level courses may be appropriate for sophomore if they had at least 2 previous English courses.
- **Emphasis: The department now offers two emphases, Literature and Creative Writing.** Each emphasis requires a common core of literature courses, along with other specific requirements. If one of your first year advisees wishes to begin one of these avenues, then they should begin with 100-level English or one of the studies courses (230-236). Prospective majors may begin study in an exploratory fashion, without deciding on one of the two emphases at first, since introductory classes overlap. Those who wish to pursue Creative Writing however are *strongly encouraged* to complete the 100-level pre-req in their first semester, so they are eligible to enroll in a writing workshop in their second semester.
- **For students interested in the Pitt. M.A.T. program: Children's Literature (English 350) is currently offered approximately once every 3 semesters.** Students who require this course for later admission to an education program should take 350 the first chance they get. The department cannot offer independent study versions of Children's Literature for students who might have missed a chance to take it as a class.
- **Faculty Advisor:** Students may ask any faculty member in the English Department to be their major advisor. Any faculty member can advise any student; the advisor's field of expertise does not need to "match" the students major emphasis. That is, faculty with a literary studies specialization may advise creative writing students and faculty with a creative writing specialization may advise literary studies students. If students are unsure who to ask to be their advisor, they should schedule an appointment with the Department Chair to discuss how to proceed. In cases where a student's major advisor goes on sabbatical or takes a leave of absence, the Chair assigns the student a temporary advisor.
- **Junior Seminar:** Students may register for their Junior Seminar in either fall or spring semester of their junior year; in rare cases involving scheduling difficulties (study awan and so on), students have delayed their Junior Seminar until fall or even spring semester of their senior year, but this is not recommended. Students register for an open Junior Seminar.
- **Senior Project:** The English senior project is a one-semester course that may be taken in either the fall or the spring of the senior year. Senior project requirements for the two English major emphasis - ENGL 620, Senior Project in Literature and ENGL 624, Senior Project in Creative Writing - differ significantly.

- Students with a literary studies emphasis produce a several chapter senior project of at least 35 pages involving text-based analysis and research.
- Students with a creative writing emphasis produce an extended original creative work or collection of works within the genre of their choice: poetry (20-25 pages), fiction (50-70 pages), or creative nonfiction (50-70 pages).
    - Students with a creative writing emphasis are expected to complete their creative writing coursework prior to their senior project: at minimum, two 200-level workshop courses and two 300-level courses - ideally including the "Forms of" course in their chosen genre. They also must complete an advanced writing workshop in the genre of choice (ENGL 405, fiction; ENGL 406, poetry; ENGL 410, creative nonfiction) BEFORE they may enroll in a creative writing SEnior Project - a requirement with a**bsolutely no exceptions**. *Of note, these advanced workshops are typically only offered in the fall semester, although in AY 23-24 ENGL 410 is being offered in the spring.*
- Enrollment in a senior project course requires signature consent from the senior project director. Students need to ask a faculty member to be their senior project director early in the semester prior to writing their comp. Typically that faculty member is the person with the greatest expertise in the field in which the student is writing the comp, corresponding with either the genre of the creative writing comp or with the literary period and/or subject specialization of the literary studies comp. Students with a planned senior project that does not readily fall into one faculty member's field of study should consult with their major advisor and/or the Department Chair.
- A proposal (literary studies emphasis) or audition portfolio (creative writing emphasis) must be submitted to the student's senior project director by the 10th Monday of the semester preceding the senior project.

- Options for students looking for help in writing:
    - *Work with a writing consultant*. If one of your advisees is particularly anxious about his/her writing skills or if you have concerns about the quality of the student's prose, please encourage him/her to sign up for a matched writing consultant through Student Success. The consultant and the student will meet weekly to help strengthen the writer's writing over the course of the semester and to address any general areas in which the writer would like to improve
    - Students may also opt to meet one-to-one with trained student writing consultants at the Learning Commons. Students can make an appointment online or drop in Sunday-Thursday 3-5 p.m. and 7-11 p.m.
    - *Take one of the 100-level English courses*. While not composition courses, these classes will help students get more closely attuned to the subtleties of language and will give them lots of practice writing.

Questions: Contact Alexis Hart the Director of Writing, at ext. 6296, or, Jennie Votava English Dept. Chair, at 4334.

Pathways for the English Major
Students may choose from one of two emphases in the English Major: Creative Writing or Literature.
Each requires a total of 44 credits.

English--Emphasis in Creative Writing major. 4 year sample sequence.

	Fall	**Spring**
First Year	SWS 105 *Most students should take SWS 105 in the Fall* One of ENGL 110-118	One of ENGL 205, 206, 210 One of ENGL 230-236
Second Year	SWS 205 Second of ENGL 230-236	Second of ENGL 205, 206, 210 First ENGL 300-level Literature
Third Year	Second ENGL 300-level Literature Advanced Workshop	Junior Seminar
Fourth Year	Senior Project	ENGL Elective

English--Emphasis in Literature major. 4 year sample.

	Fall	**Spring**
First Year	SWS 105 *Most students should take SWS 105 in the Fall* One of ENGL 110-118	One of ENGL 230-236
Second Year	SWS 205 Second of ENGL 230-236	Third of ENGL 230-236

		First ENGL 300-level Literature
Third Year	Second ENGL 300-level Literature ENGL 420	Junior Seminar
Fourth Year	First ENGL Elective Second ENGL Elective	Senior Project

The Department of English offers Minors in English, Writing, and Environmental Writing. Please see *Academic Bulletin* for specifics for each.

Information for Transfer Students

Transfer Scenarios

Note: the most likely classes to be accepted for direct transfer credit are 100-level English, 230, and 231.

English--Emphasis in Creative Writing Major. 3 year sample sequence.

	Fall Semester	**Spring Semester**
Second Year	One of ENGL 110-118 *transferred in or taken first semester* First of ENGL 230-236 *transferred in or taken first semester*	One of ENGL 205, 206, 210 Second of ENGL 230-236 First ENGL 300-level Literature
Third Year	Second of ENGL 205, 206, 210 Second ENGL 300-level Literature	Junior Seminar
Fourth Year	Advanced Workshop ENGL Elective	Senior Project

English--Emphasis in Literature Major. 3 year sample sequence.

	Fall Semester	**Spring Semester**
Second Year	One of ENGL 110-118 *transferred in or taken first semester* First of ENGL 230-236 *transferred in or taken first semester*	Second of ENGL 230-236 Third of ENGL 230-236 First ENGL 300-level Literature
Third Year	Second ENGL 300-level Literature ENGL 420	Junior Seminar
Fourth Year	First ENGL Elective Second ENGL Elective	Senior Project

Environmental Science & Sustainability (First Year and Transfer)

Area of Study: Interdisciplinary Studies
Program: Major (BA & BS)

Overview

Students often say they are interested broadly in "the environment" or related topics: environmental science, environmental justice, wildlife, environmental communication or humanities, the outdoors, or sustainability. If that's the case, we strongly suggest that the student take *ENVSC 110 - Intro. to Environmental Science* during the first year, preferably the first semester. There are always spaces reserved for first year and transfer students in *ENVSC 110*. It is much harder to get into this course during the sophomore and junior years and it serves as a prerequisite for many of our upper-level courses.

The ESS department unites many disciplines, allowing students significant flexibility in shaping the major to their interests. However, these pathways often require thoughtful planning in the first two years given prerequisite sequences. This holds for ESS students interested in either natural science pathways (ecology, wildlife management, conservation biology, environmental engineering, agriculture, etc.) or those oriented toward environmental humanities, environmental social sciences, or other environmental focus areas (environmental policy, ecological economics, sustainable development, environmental justice, environmental writing, art and the environment, etc.). ESS majors therefore typically benefit from active planning with ESS professors. We strongly encourage students to meet with an ESS professor during their first semester, before registration in any semester, and to refer to the bulletin for lists of approved courses to meet curricular requirements.

Every ESS major designs a *thematic concentration* based on their interests (i.e., aquatic ecology, ecological economics, environmental justice, environmental writing, food and farming, forestry, sustainable energy). Their concentration is *a cluster of seven courses, of which at least four must be at an upper level, and at least one must have the ENVSC prefix*. Every ESS major also participates in community-based work as part of their ESS major. This work is integrated into the required courses.

When advising a student interested in Environmental Science & Sustainability, please note:

- Off-campus study (EL seminars and study-away) and internships are strongly recommended within the major. Most courses completed during these experiences count toward the major.
- Environmental Science & Sustainability majors develop a thematic concentration in consultation with an advisor in the department, a process that usually begins in the first year. If a student is already interested in a particular area, they should take foundational courses within appropriate departments as early as possible. If students are not yet invested in a particular concentration, please see the model concentrations below for inspiration and meet with an ESS advisor at your earliest convenience.
- The major leads to the Bachelor of Arts or the Bachelor of Science degree (students may elect to receive either based on their area of specialization).

Environmental Science & Sustainability Pathways

		Natural science pathways *and* <u>placed in</u> **MATH 140**	**Natural science pathways** <u>placed in</u> **MATH 151**	**Environmental humanities, social sciences, Policy, et al. pathways**
First Year	*Fall*	ENVSC 110 CHEM 119 or MATH 140	ENVSC 110 CHEM 120	ENVSC 110 Foundational course in area of interest
	Spring	ENVSC 110 *and/or* CHEM 120 *and/or* ENVSC 210	ENVSC 110 *and/or* BIO 220 *and/or* ENVSC 210	ENVSC 210 *and/or* Course in area of interest *and/or* Quantitative Skills course
Second Year	*Fall*	ENVSC 210 *and/or* ENVSC 270 work with advisor to identify ESS concentration and relevant courses: ● BIO 220/221 sequence ● CHEM 122 ● MATH 141 ● PHYS 101/102 or 110/120 sequence	ENVSC 210 *and/or* ENVSC 270 Work with advisor to identify ESS concentration and relevant courses: ● BIO 221 ● CHEM 122 ● MATH 151/152 sequence ● PHYS 110/120 sequence	ENVSC 210 *and/or* ENVSC 270 Work with advisor to identify ESS concentration
	Spring	ENVSC 210 *and/or* ENVSC 270 (if not already taken) Human and Cultural Connections course	ENVSC 210 *and/or* ENVSC 270 (if not already taken) Human and Cultural Connections course	ENVSC 210 *and/or* ENVSC 270 (if not already taken) Human and Cultural Connections course

Third Year	*Fall*	ENVSC 585 Human and cultural connections course (if not already taken) *and/or* continued work on concentration courses
	Spring	ENVSC 585 (if not already taken) Work on concentration courses
Fourth Year	*Fall*	ENVSC 600 Continue working on/finish concentration courses
	Spring	ENVSC 610 Continue working on/finish concentration courses

- Students declaring an ESS major should simpy ask a faculty member to be their advisor.
- Students should plan to complete ENVSC 585 in either semester of the junior year.
  - ESS will send out a survey to all rising juniors before fall registration of their junior year. In the survey we will ask when they plan to take their junior seminar, in the fall or spring semester of their junior year. If they are taking it in the fall, we will ask them to select the section that works best for their schedule. They will receive a follow-up survey at the end of the fall semester to register for the spring junior seminars.
- ESS requires a two semester Senior Project
  - ENVSC 600, Senior Project I taken in the fall of the senior year
  - ENVSC 610, Senior Project II taken in the spring of the senior year

Sample Concentrations in Environmental Science & Sustainability

What might a thematic concentration in ESS look like? Here are a few ideas to help students imagine the possibilities before an advising session. An ESS concentration is a cluster of seven courses, with at least four at the upper level. At least one course in the concentration must have the ENVSC prefix. The other concentration courses can come from any department. Please keep in mind a full concentration is a **cluster of seven courses**, of which at least four must be at an upper level, and at least one must have the ENVSC prefix. *The sample concentrations below are not fixed requirements*, but rather examples to help envision what your concentration might begin to look like.

Are you interested in...?	Then your concentration might include these 4 courses + 3 more of your choices:
Energy Policy	ENERG 105 - Introduction to Energy & Society ENVSC 285 - Quantitative Sustainability ENVSC 380 - Climate and Energy Policy ENVSC 385 - Intro to Sustainable Energy
Environmental Advocacy	COMJ 160 - Foundations of Community and Justice Studies ENVSC 352 - Environmental Justice POLSC 348 - Participatory Democracy and Community Organizing WGSS 210 - Social Movements
Environmental Education	EDUC 100 - Introduction to Education Studies EDUC 310 - Multicultural Education ENVSC 250 - Environmental Education PSYCH 106 - Educational Psychology
Environmental GIS Analysis	ENVSC 305 - GIS I ENVSC 306 - GIS II ENVSC 355 - Field Ecology & Conservation ENVSC 375 - Applied Conservation GIS
Food and Farming	ECON 100 - Introduction to Microeconomics ENVSC 230 - Soil to Plate: World Food and Agriculture ENVSC 240 - Small-scale Production Agriculture ENVSC 372 - Judaism, Justice, and Food
Forest Ecology	ENVSC 332 - Forest Ecosystems and Management ENVSC 335 - Conservation Biology ENVSC 355 - Field Ecology & Conservation HIST 341 - American Environmental History
Wildlife Conservation	BIO 220 - Organismal Physiology/Ecology ENVSC 332 - Forest Ecosystems and Management ENVSC 335 - Conservation Biology ENVSC 355 - Field Ecology and Conservation

Information for Transfer Students

Environmental Science & Sustainability Transfer Pathways

		3 Year ESS Program	2 Year ESS Program
Second Year	*Fall*	ENVSC 110 ESS Human and Cultural Connections course ESS Quantitative Skills course	
	Spring	ENVSC 110 (if not already taken) ENVSC 270 *and/or* ENVSC 210 Work with advisor to identify ESS concentration	
Third Year	*Fall*	ENVSC 585 ESS Human and Cultural Connections course (if not already taken)	ENVSC 110 and ENVSC 270 ESS Human and Cultural Connections *and/or* Quantitative Skills course
	Spring	ENVSC 585 (if not already taken) Work on concentration courses	ENVSC 210 and ENVSC 585 Work on concentration courses
Fourth Year	*Fall*	ENVSC 600 Continue working on/finish ESS concentration courses	
	Spring	ENVSC 610 Continue working on/finish ESS concentration courses	

Global Health Studies

Area of Study: Interdisciplinary Studies
Programs: Major (BA) and Minor

Guidance for summer entrance advisors

What is GHS?

The Department of Global Health Studies promotes an interdisciplinary understanding of structural and environmental determinants of local and global health issues, emphasizing the connections between health, economics, cultures, and politics.

Global Health draws its courses from a wide range of campus programs.

Who might be interested in GHS?

Students interested in health, climate justice, global equity, war and refugees, disease, medicine, public health, health advocacy, and health education.

Students who explore both GHS and are interested in medical or clinical careers should also connect with the Health Professions Advisor.

GHS curricular requirements

- GHS 110 (Introduction to Global Health Studies)
- A Fundamental Science Course: BIO 220, BIO 221, ENVSC 110, GHS 223, GHS 228

Courses related to Ethics/Politics:

- COMJ 160 Foundations of Community & Justice Studies
- COMM 256 Politics and Communication
- PHIL 140 Ethics and Community
- POLSC 140 Political Theory
- POLSC 248 Human Rights
- POLSC 280 The Tragedy of Citizenship

Courses related to Power/Economics:

- POLSC 120 Comparative Gov/Politics
- POLSC 130 World Politics
- POLSC 242 Immigration and Citizenship

Courses related to Culture:

- HIST 277 American History of the Body
- PHIL 205 Literature, Film, and Medicine

- WGSS 100 Women's Gender & Sexuality Studies
- WGSS 211 Queer Lives
- WGSS 275 Bodies in American Culture

Language: A <u>modern</u> language course numbered 120 or above, or pre-requisite courses needed to reach the 120 level.

> **Language Placement:** *Students cannot place out of the language requirement. For example, an entering student who tests at the 200-level would take a course at the 200-level following placement test or consultation with the chair of World Languages and Cultures. Reach out to the Chair of Global Health Studies for specific questions related to this requirement.*

> **Transfer courses:** *Many courses transfer in at 3-credits. Students may need an additional credit to fulfill the total credits for the major.*

Suggested Schedule for **GHS Majors** (for specific courses required for the Major, please see the *Academc Bulletin*)

	1st Semester (Fall)	2nd Semester (Spring)
First Year	GHS 110 Modern Language Course GHS Dimension Course or Fundamental Science Course SWS 105	GHS 110 GHS Dimension Course or Fundamental Science Course
Sophomore	GHS 210 GHS 200-300 level ccourse GHS Dimension Course	GHS Methods Course GHS 200-300 level course GHS Dimension Course
Junior	GHS Methods Course Upper-level Dimension Course	GHS 575 Jr. Seminar
Senior	GHS 600 Any remaining GHS Dimension Course(s)	GHS 610 Any remaining GHS Dimension Course(s)

GHS Minor Notes

Suggested Schedule for **GHS Minor** (for specific courses required for the Minor, please see the *Academic Bulletin*):

	1st Semester (Fall)	2nd Semester (Spring)
First Year	GHS 110 GHS Dimensions Course	GHS 110 GHS Dimensions Course
Sophomore	GHS Dimensions Course	GHS Dimensions Course
Junior	Upper-level GHS Dimensions Course	Upper-level GHS Dimensions Course
Senior	Capstone or Upper-level Dimensions Course	Capstone or Any Remaining Dimensions Course(s)

Additional Notes:

- **Academic Advisor:** Students shoujld first consult the GHS Chair before declaring their major. The program funnels students to academic advisors in order to maintain balance among its faculty.
- **Junior Seminar and Senior Comp:** Ideally, students should complete their required methods courses by Junior Spring Year in order to apply these methods most effectively to the Senior Project proposal (created in the Junior Seminar) and to the Senior Project.

Description of Global Health Studies Major

Required Core Courses (recommended year for taking these courses)

- **GHS 110: Introduction to Global Health** (First year, no later than second year)
- **GHS 210: Approaches in Global Health**
- **Two methods classes.** Choose from:
    - **GHS 321: Epidemiology** (Spring second year, or junior year)
    - **GHS 350: Cultures and Health** (Fall of junior year)
    - **GHS 352: Ethnographic Methods** (Spring second year or spring junior year)
- **GHS 575: Global Health Challenges | Junior Seminar** (Spring junior year)
- **GHS 600: (2 cr) 1st semester Global Health Studies senior project** (First semester senior year)

- **GHS 610 (4 cr) 2nd semester Global Health Studies senior project** (Second semester senior year)

Fundamental Science Courses

Take one elective (recommend taking first or second year):

- BIO 220: Organismal Physiology and Ecology
- BIO 221: Genetics, Development, and Evolution
- ENVSCS 110: Introduction to Environmental Science
- GHS 223: People & Poisons: Foundations of Public Health Toxicology
- GHS 228: Global Health Data and Visualization

Dimensions of Global Health Courses

In addition to the Core Courses and Fundamental Science Course, GHS majors must take a minimum of one elective course from each of four primary dimensions of global health: Science and the Environment; Ethics and Social Responsibility; Power and Economics; and Cultures and Society. These elective courses should preferably be completed by the end of the junior year. If a student has a particular focal interest, suggest that they take courses in that area first.

> **Note 1 re: Dimensions:** *At least eight credits of work taken to satisfy the "Dimensions of Global Health" requirements above must be at the 300 or 400 level.*

> **Note 2 re: Dimensions and transfer courses:** *Many courses transfer in at 3-credits. Students do not need to complete four credits in each dimension, just a minimum of one course. Additional credits to fulfill the total credits for the major can be from another elective in any dimension or general Global Health Studies credits.*

Science and the Environment:

Take one elective course (Prerequisites are noted in parentheses):

- BIO 310: Microbiology (BIO 220, BIO 221, and BIO 250 are prereqs)
- BIO 350: Immunology (BIO 220, BIO 221, and BIO 250 are prereqs)
- ENVSC 305: Environmental Spatial Analysis (ENVSC 110 prereq)
- ENVSC 385: Introduction to Sustainable Energy (ENVSC 110 prereq)
- GHS 223: Peoples and Poisons (*Counts either as Foundational Science or Science and the Environment elective)
- GHS 228: Global Health Data Visualization (*Counts either as Foundational Science or Science and the Environment elective)
- GHS 322: Climate and Health (junior/senior status)
- GHS 324: Environmental Health (junior/senior status)
- GHS 425: Global Health Transitions (junior/senior status)
- PSYCH 172: Health Psychology

Ethics and Social Responsibility

Take one elective course (pre-requisite courses noted in parentheses):

- COMM 256: Politics and Communication
- COMM 360: Communication and Civic Engagement (prereq COMRT 120 or COMM 145)
- COMJ 160: Foundations of Community and Justice Studies (cannot be taken by seniors)
- GHS 235: Global Health Ethics
- PHIL 140 Ethics and Community (not open to seniors)
- PHIL 210: Oppression and Liberation
- PHIL 310: Global Justice (PHIL 140 or 210 prereq, or instructor permission)
- PHIL 385: Medical Ethics (Not open to first-year students)
- POLSC 140: Political Theory
- POLSC 248: Human Rights
- POLSC 280: The Tragedy of Citizenship
- POLSC 348: Participatory Democracy
- WGSS 310: Gendered Violence (WGSS 100, prereq)

Power and Economics

Take one elective course (pre-requisite courses noted in parentheses):

- ECON 231: Environmental Economics and Policy (ECON 100 prereq)
- ECON 235: Health Economics (ECON 100 and/or ECON 101 prereq)
- ECON 238: Poverty, Inequality, and Efficiency (ECON 100 and/or ECON 101 prereq)
- ECON 251: International Economics (ECON 100 and/or ECON 101 prereq)
- ECON 256: Economic Development (ECON 100 and/or ECON 101 prereq)
- ENVSC 352: Environmental Justice (Junior/senior status)
- GHS 345: Economics of Food and Agriculture
- GHS 440: Global Health and Nutrition
- POLSC 120 Comparative Gov/Politics
- POLSC 130 World Politics
- POLSC 242 Immigration and Citizenship
- WGSS 340: Sex and Health
- WGSS 400: Transnational Feminisms (WGSS 100, and WGSS 210 or 211, prereqs)
- WGSS 410: Global Women's Health (WGSS 100, prereq)

Cultures and Societies

Take one elective course (pre-requisite courses noted in parentheses):

- COMM 331: Bodies and Health in Public Communication (COMM 120, 145, or FSCOM 201 or permission of the instructor prereq)
- GHS 354: Medical Anthropology and Perspectives of Health in Asia-Pacific
- HIST 277: American History of the Body

- HIST 380: Disease and Medicine in Modern History (one HIST course prereq)
- LS 530: Community Health Care: Internship in Community Health (LS 230 prereq)
- PHIL 230: Science in its Cultural Setting (One course in PHIL or Natural Science, prereq)
- WGSS 100: Introduction to Women's, Gender, and Sexuality Studies
- WGSS 211: Queer Lives
- WGSS 275: Bodies in American Culture
- WGSS 310: Gendered Violence (WGSS 100, prereq)

Required Elective: Students also must take an additional four credits from the "Dimensions of Global Health" categories above: **'Science and the Environment,' 'Ethics and Social Responsibility,' 'Power and Economics,' and 'Cultures and Societies.'**

Languages: Students must successfully complete at least one modern language course numbered 120 or above.

Fulfillment of this requirement involves the completion of one course in a foreign language at the level of 120 or above. Students cannot place out of this requirement. For example, an entering student who tests at the 200-level would take a course at the 200-level following placement test or consultation with the chair of World Languages and Cultures.

> **Language Placement:** *Students cannot place out of the language requirement. For example, an entering student who tests at the 200-level would take a course at the 200-level following placement test or consultation with the chair of World Languages and Cultures. Reach out to the Chair of Global Health Studies for specific questions related to this requirement.*
>
> **Language during Study Away:** *Students who study away in a region whose primary language is not taught at Allegheny may substitute an introductory 3-4cr language class from an accredited higher education institution (ex: Hungarian | Hungary, Afrikaans | South Africa, Swahili | Tanzania, Tagalog | Philippines)*

Experiential Learning

Students are strongly encouraged to complete at least one Global Health Studies-related learning experience (e.g. GL seminars, semester away programs, and research or internship opportunities) that goes beyond clinical observation or shadowing. They should consult with their advisor, a GHS steering committee member, or the program chair for guidance about suitable experiential learning opportunities.

We encourage students to prepare for their experiences by partaking in a pre-departure seminar, and encourage all students to reflect on their experiences in a seminar upon their return.

- GHS 510: Global Health Fieldwork (2cr)
- GHS 515: Global Health Practice (2cr)

Description of Global Health Studies Minor

Because this minor is Interdisciplinary Studies, students may complete any major to satisfy the college requirement that the major and minor be in different areas of study.

Required Introductory Core Course

- GHS 110 Introduction to Global Health Studies

Required Elective Courses in Global Health Dimensions

Take one elective course from each of the four "Dimensions of Global Health." See list of approved electives for each Global Health Dimension in the GHS Major description.

- **Science and the Environment**
- **Ethics and Social Responsibility**
- **Power and Economics**
- **Cultures and Societies**

Required Capstone Synthesis Course

- *A capstone course is defined as any course, GHS 420-475.*

  Capstone courses: *Given the high demand for the minor capstone classes, additional courses may be designated as a "capstone" course during a given semester, so there are typically three capstone electives available each semester. These additional capstone courses are in addition to courses with GHS 420-475 designation. Students should consult with the Chair of GHS for a list of approved GHS courses, including capstones, distributed before each registration period.*

Healthcare Management (First-Year and Transfer/Second Year)

Healthcare Management involves the study of the entire ecosystem of the healthcare industry, which includes service providers, insurers, manufacturers, non-profit institutions, and government actors.

Area of Study: Interdisciplinary Studies
Program: Major
Major/Minor Exclusions:
A double major in Healthcare Management and Business/Economics, or a minor in Economics, does not satisfy the major/minor requirement in terms of areas of study. A double major in Healthcare Management and Global Health Studies, or a minor in Global Health Studies, does satisfy the major/minor requirement.

Students interested in Healthcare Management (HCM) are required to complete seven core Management courses (ECON 100, ECON 235, ECON 240, ECON 286, ECON 440, HCM 140, and HCM 435), alongside one Global Health Studies course (GHS 321, GHS 324, or GHS 345), one Ethics course (GHS 235, PHIL 205, PHIL 285, or PHIL 385), one Statistics course (BIO 385 or ECON 202), and one Fundamentals of Health course (BIO 175, BIO 210, PSYCH 162, PSYCH 170, or PSYCH 172).

The major also requires a Junior Seminar (ECON 579, ECON 584, ECON 588, GHS 575, or HCM 580) taken in the 2nd semester of the junior or first semester of the senior year, and a Senior Project (HCM 620) taken the semester after the seminar.

When advising a student interested in Healthcare Management, please note:

- ECON 100 is a prerequisite for both ECON 235 and ECON 240, and is recommended to be completed during the first year.
- HCM 140 is a prerequisite to GHS 235, GHS 321, and GHS 575, and an excellent foundation for many other courses, so it is advised to be taken during the first year.
- Either ECON 202 or BIO 385 is a prerequisite for ECON 440.
- A double major in HCM and Business/Economics, or a minor in Economics, does not satisfy the major/minor requirement in terms of areas of study. A double major in HCM and GHS, or a minor in GHS, does satisfy the major/minor requirement.
- Academic Advisor: Students should first consult the HCM advisor before declaring their major.
- Junior Seminar and Senior Comp: Students should plan to take their seminar either spring of junior year or the fall of senior year[1]. They should plan to complete their senior project during the following semester. The junior seminar prepares students for their senior project. It is advised to take these in consecutive semesters to ensure a cohesive learning experience. Students planning on graduating in January should take the seminar the previous spring and the senior project in the fall semester.
- Internships and Experiential Learning: Students are encouraged to pursue internships and other practical experiences related to healthcare management. These opportunities provide invaluable real-world insights and professional networking.

- Students interested in completing their MS in Healthcare Administration should be in touch with a member of the HCM faculty during the first year (third semester at the latest). Options for a 3+1 and 3+1 BS/MS are available to students. Note: the MS program will officially begin during the summer of 2027. Students matriculating in Fall 2024 will be eligible to complete the 3+1 program.

[1]At least one of those semesters is offered each semester

NOTE: For Students interested in the Health Professions

Advisors and students should be aware that completing the Healthcare Management major does NOT fulfill the requirements needed for the MCAT or other pre-health profession entrance exams or graduate programs. For example, most pre-health fields require a year of biology, general chemistry, organic chemistry, physics (with the appropriate labs), and English. Students interested in majoring in Healthcare Management, who are also interested in a career in the health professions, should consider choosing a minor (such as BIO or CHEM) that contains many of the pre-health requirements. Students should consult with the Health Professions Advisory. See the following link for more information on the pre-health requirements: http://sites.allegheny.edu/health/

NOTE: For Students interested in the Master of Public Health (MPH)

The Healthcare Management major will prepare students for graduate work in the field of public health. Students interested in pursuing a Master of Public Health (MPH) in health/healthcare policy, management, administration, or another field are advised to minor or double-major in Global Health Studies or Biology.

Students interested in working in the field of public health or pursuing an MPH are highly encouraged to take Epidemiology (GHS or Bio 321), Biostatistics (Bio 385), and Environmental Health (GHS 324).

Advisors and students should be aware that completing the Healthcare Management major does NOT fulfill the requirements necessary for applying to an MPH program. The majority of MPH programs require at least one course in Biology/the life sciences. Biostatistics (Bio 385) does not meet this requirement. To meet this requirement, students are encouraged to take BIO 321 – Epidemiology, BIO 175 - Medical Terminology, or BIO 210 - Human Anatomy & Physiology.

While many MPH programs have rolling admissions deadlines, it is highly recommended that students submit all of their application materials in November of the year before they plan to begin their MPH program (before the Thanksgiving holiday) to maximize the amount of financial aid they are eligible for.

Sample Schedule for a **Healthcare Management Major** (for specific courses required for the Major, see the *Academic Bulletin*)

First Year	ECON 100 HCM 140 ECON 286
Sophomore	ECON 235 Statistics Course (BIO 385 or ECON 202) Ethics Course (GHS 235 or PHIL 205 or PHIL 285 or PHIL 385) Fundamentals of Health Course (BIO 175 or BIO 210 or PSYCH 162 or PSYCH 170 or PSYCH 172)
Junior	ECON 240 Global Health Studies Course (GHS 321 or GHS 324 or GHS 345) ECON 440 Junior Seminar (ECON 579 or ECON 584 or ECON 588 or GHS 575 or HCM 580)
Senior	HCM 435 HCM 620

Information for Transfer Students (Second Year)

Suggested pathway of a **Healthcare Management Major** for a transfer student or a student who will declare HCM in Fall 2024, planning to finish in 3 years.

Sophomore	ECON 100 HCM 140 ECON 286 Statistics Course (BIO 385 or EOCN 202) Ethics Course (GHS 235 or PHIL 205 or PHIL 285 or PHIL 385)

Junior	ECON 235
	EOCN 240
	Global Health Studies Course (GHS 321 or GHS 324 or GHS 345)
	Fundamentals of Health Course (BIO 175 or BIO 210 or PSYCH 162 or PSYCH 170 or PSYCH 172)
	Junior Seminar (ECON 579 or ECON 584 or ECON 588 or GHS 575 or HCM 580)
Senior	ECON 440
	ECON 435
	HCM 620

History (First Year and Transfer)

Area of Study: Values and Societies
Programs: Major and Minor
Department: History and Philosophy
Program Coordinator: Professor Kalé Haywood

When advising a student interested in History, please note:

- All History 100 and 200-level courses **require no previous history background and are appropriate for freshmen and sophomores.**
- Students are **strongly** encouraged to take two courses at the lower level (100 or 200-level courses) before enrolling in a 300-level course. Most 300-level courses are restricted to SO/JR/SR.
- All 500-level courses are signature courses and include prerequisite recommendations, which are listed in the *Academic Bulletin* and on Self-Service.
- Most 100-level and 200-level courses are offered every year. Most 300-level courses are offered every other year. One 500-level Junior Seminar is offered each semester.

Requirements for the Major in History:

46 total credits:

1. **One course (4 credit hours) in European Histor**y
   - To be chosen from History 101, 103, 109, 110, 153, 155, 220, 310, 312, 313, 320, 321, and 380.
2. **One course (4 credit hours) in American History**
   - To be chosen from History 162, 163, 255 (or BLKST 255), 257 (or BLKST 257), 260 (or RELST 260), 261, 269, 270, 273, 277, 324, 326, 339, 341, 345, 347, and 361.
3. **Two courses (8 credit hours) in non-Western History**
   - To be chosen from History 113, 116, 117, 123, 124, 165, 167, 272, 353, 355, 358, 360, 365, and 366.
4. **FSHIS 201 (4 credit hours)**
   - Does not satisfy distribution requirements in European, American, or non-Western History.
   - FSHIS 201 is taught in 24/FA only. Beyond 24/FA, substitutions for the Methods course will be made with program approval.
5. **Junior Seminar (4 credit hours)**
   - To be chosen from History 551, 554, 558, 560, 563, 571, 572, 573, 577, 584, and 587.
   - Students may complete the Junior Seminar in either the fall or spring of the Junior year.
   - Students may register for any open section of the Junior Seminar
6. **Senior Project (6 credit hours)**
   - The Senior Comp is a two semester project. HIST 600 is a two-credit course usually taken in the fall of the Senior Year. HIST 610 is a four-credit course usually completed in the spring of the Senior Year.

- ○ Senior Project advisors are assigned by the department in consultation with students.
- ○ Senior Project advisors are assigned based on comp topic and areas of faculty expertise. The comp advisor is separate from the academic advisor..
7. **A minimum of at least four courses (16 credit hours) that, excluding Junior Seminar and Senior Project, must be numbered 300 or above**

A maximum of two transferred courses (8 credits) taken at institutions of higher learning or at secondary institutions through the AP or IB programs may normally be counted toward the major. AP and IB courses may NOT be counted towards the major's European, American, and non-Western requirements. Exceptions must be approved by the Program Coordinator.

Suggested Course Sequence for a **Major in History**:

	1st Semester	2nd Semester	Either Semester
First Year	SWS 105 One 100 or 200-level HIST course.	One 100 or 200-level HIST course.	*Most students should take SWS 105 in the Fall* An additional 100, 200, or 300-level HIST course. Courses should cover a range of geographic areas.
Sophomore	HIST 3XX	HIST 3XX	FSHIS 201/Methods An additional 100, 200, or 300-level HIST course.
Junior	HIST 3XX	HIST 3XX	HIST 5xx (Junior Seminar) An additional 100, 200, or 300-level HIST course if needed to complete 46 credits.
Senior	HIST 600 (Senior Project I)	HIST 610 (Senior Project II)	An additional 100, 200, or 300-level HIST course if needed to complete 46 credits.

Requirements for the Minor in History:

Six courses (24 credits) including:

- One course each in European, American, and non-Western History (12 credits).
- Two courses (8 credits) at or above the 300 level.
- One Junior Seminar (4 credits)

AP and IB courses MAY NOT be counted toward the minor. FS HIS 201 can be counted toward the minor.

Suggested course sequence for a **Minor in History:**

Minors typically take 3 entry-level (100- or 200-level) courses, 2 advanced (300-level) courses, and the Junior Seminar.

- First Year or Sophomore courses:
  - 1-2 entry-level (100- or 200-level) courses.
- Sophomore or Junior courses:
  - 1-2 entry-level (100- or 200-level) courses.
  - 1-2 advanced (300-level) courses in different geographical areas.
- Junior or Senior courses:
  - 0-1 advanced (300-level) courses.
  - Junior Seminar on historical research methodology.

Information for Transfer Students

Suggested pathway for a **History Major planning to finish in 3 years:**
 Note: Students are expected to be transferring two courses (8 credits) in History at the 100 or 200-level. The most common courses transferred for direct credit are HIST 162 (History of the United States to 1865) and HIST 163 (History of the United States from 1865-present).

	1ˢᵗ Semester	2ⁿᵈ Semester	Either Semester
Sophomore	One 100 or 200-level HIST course.	HIST 3XX	FSHIS 201/Methods An additional 100 or 200, or 300-level HIST course.* Courses should cover a range of geographical areas.
Junior	HIST 3XX	HIST 3XX	HIST 5XX (Junior Seminar) An additional 100 or 200, or 300-level HIST course.

| Senior | HIST 600 (Senior Project I) | HIST 610 (Senior Project II) | An additional 100, 200, or 300-level HIST course if needed to complete 46 credits. |

*The major includes 4 courses taken at the 300-level or above. Students should adjust their additional HIST courses accordingly.

Advice for transfer courses for History major or minor:
 Students interested in pursuing a major or minor in History are advised to take up to four entry-level (100- or 200-level) courses that cover a range of geographic areas (American, European, other areas) and periods. Students may also wish to take courses that would transfer at the advanced (300-) level. For these, we are looking at the syllabus to identify courses that develop and advance the approaches and coverage of lower-level courses by including substantial attention to independent student research and historical methodology. In other words, advanced courses typically have prerequisites, longer writing assignments, and explicit readings and class meetings on research and historical methodology.

International Studies (First Year and Transfer)

Area of Study: Interdisciplinary Studies
Program: Major

Pathways to the International Studies (IS) Major

For all students majoring in International Studies:

- Every IS major completes "Introduction to International Studies" (INTST 110) as well as general coursework from the departments of Business and Economics, History, Political Science, and World Languages and Cultures.
- Every IS major chooses a regional focus from East Asia (**please consult with Chair if interested in this regional focus)***, Europe, Latin America, Middle East and North Africa. Majors can also self-design a regional focus (e.g. West Africa).
- Every IS major gains proficiency in a second language and studies abroad (courses taken abroad most often count toward the regional focus coursework in the major).
- IS counts AP credits toward the major if they fit to requirements in the major.

IS major in 4 years

	Fall	Spring
First Year	SWS 105 *Most students should take SWS 105 in the Fall* INTST 110 *and* POLSC 120 or 130 *or* ECON 100 or 101 Language course (via placement or beginning level entrance)	INTST 110 *and* POLSC 120 or 130 *or* ECON 100 or 101 Language course (if not taken in fall semester, via placement or beginning level entrance)

Second Year *Declare the IS major to begin working with a major advisor *Identify study abroad options with the help of the Global Education Office	Continue work on General Coursework; Economic Theory and Applications, Political Theory Introductory-level regionally-focused history course Language course	Continue work on General Coursework; Economic Theory and Applications, Political Theory Introductory-level regionally-focused history course Language course -->Feb. 20 deadline for fall study abroad
Third Year	**Semester Abroad OR** Historical Interpretation course IS-approved Junior/Senior Seminar Language course -->Sept. 20 deadline for spring study abroad	In this academic year, one semester will typically be on campus, and one will be abroad so the courses listed in the fall are valid for spring for students who studied abroad in the fall. And students who were on campus in the fall will typically be studying abroad in the spring.
Fourth Year	INTST 600 (pre-senior project) Any unfinished regional focus coursework IS-approved Junior/Senior Seminar if not taken in Junior year	INTST 610 (senior project)

- Advisor Selection: Students are encouraged to choos an advisor from among the IS Affiliated faculty list, and further encouraged to choose an advisor who is working in their regional area of focus or the chair of the program. Sometimes students choose as advisor the professor they took INTST 110 with (the intro class to the major).
- IS students take the Junior Seminar either in the junior year, or first semester of the senior year: this depends on study abroad semester.
  - Students register for an open Junior Seminar sectoin: every semester we have IS-identified junior seminars across contributing departments.
- IS students take a 2 semster Senior Project in the Fall and Spring. It is also sometimes spring and spring, depending on study abroad.

Information for Transfer Students

IS major in 3 years

- A transfer student may be able to transfer in "Introduction to International Studies" (INTST 110). This course introduces interdisciplinary study of regions of the world with particular emphasis on colonization and colonialism, Post WWII international institutions, regional alliances, and current thinking on international development and the environment/sustainability.
- Ideally, a transfer student considering an IS major with one year of experience elsewhere will be able to transfer in introductory coursework in Political Theory and/or Economic Theory and Applications and/or language courses and/or an introductory regionally-focused history course.
- Students transferring to Allegheny College are strongly encouraged to begin working with the IS Program Chair and/or an IS major advisor as soon as they know they will be coming to Allegheny College.

*Our language options are limited for the East Asia region. Students interested in East Asia as a focus region should contact the Chair upon matriculation.

Jewish Studies

Area of Study: Interdisciplinary Studies
Program: Minor
Department: History & Philosophy
Program Coordinator: Professor Adrienne Krone

The minor requires 20 credits and a GPA of at least 2.0 in the minor. Courses not on the list, including those taken during study abroad, may be counted toward the minor with prior approval of the minor coordinators. At least two courses in the minor must be at the 300 level or above.

Foundation Course: RELST 147, *Judaism* (offered in spring semesters)

Jewish Religion/Judaism: Take **two** courses.

- ENVSC/RELST 372, *Judaism, Justice, and Food*
- PHIL/RELST 227, *Religion and the Challenge of Modernity*
- RELST 229, *The Hebrew Bible*
- RELST 341, *Jewish Ethics*
- RELST 360, *Religion and Ecology*

Jewish Ethnic/Cultural/Historic Relations: Take **two** courses.

- COMJ 270, *Power, Society, and Social Change*
- HIST 110, *Europe in the Age of Dictatorship and Democracy, 1914-Present*
- HIST 124, *A History of the Modern Middle East, 1839-Present*
- HIST 159, *History of Modern Germany*
- HIST 313, *A History of the Third Reich and the Holocaust*
- PHIL 210, *Oppression and Liberation*
- POLSC 232, *Government and Politics of the Middle East*
- POLSC 354, *War and Peace in the Middle East*
- POLSC 355, *The Arab--Israeli Conflict*
- RELST 180, *Religion in American Life*
- RELST 288, *Jewish Meadville*
- WGSS 210, *Social Movements in Women's, Gender, and Sexuality Studies*

Suggested course sequence for a **Minor in Jewish Studies:**

Minors typically take 2 entry-level (100- or 200-level) courses and 3 advanced (300-level) courses.

- First Year or Sophomore courses:
    - 1-2 entry-level (100- or 200-level) courses including RELST 147
- Sophomore or Junior courses:
    - 1-2 entry-level (100- or 200-level) courses.
    - 1-2 advanced (300-level) courses.
- Junior or Senior courses:

- ○ 0-1 advanced (300-level) courses.

Latin American and Caribbean Studies

Area of Study: Interdisciplinary Studies
Program: Minor
Now housed in International Studies

Program Faculty: Professor Alkyam (Program Coordinator), Caballero, Conners, Haywood, Hernandez, Herrera, Mattiace, Riess

See also the Latin America track in the "International Studies" major.

An interdivisional minor examining the religion, politics, history, and language of Latin America and the Caribbean (LACS). The minor includes coursework in History, Political Science, and Spanish. Through this minor, students will acquire an understanding of LAC culture, history, society, and contemporary politics and the ability to critically analyze various issues related to the region. A minimum of 24 credits are required to fulfill the requirements for the minor. When appropriate, Special Topics, FS 201 courses in relevant subjects, and courses taken while abroad may be substituted to bring the total credits to at least 24. All substitutions for required courses must be approved by the minor coordinator, and students must discuss any potential course substitutions prior to enrolling in the course. Because the LACS minor is interdisciplinary, students who complete any major can take LACS as a minor.

The Latin American and Caribean Studies Minor:

A minor in Latin American and Caribbean Studies requires 24 credits: 12 credits in Spanish coursework dependent upon placement exam results, and 12 credits from below coursework:

Select from the list below (a minimum of two departments must be represented, and at least two courses must be at or above the 300-level):

- HIST 116, Colonial Latin America
- HIST 117, Modern Latin American History (offered Fall 2023)
- HIST 365, Conquest! Latin America 1492-1600
- HIST 366, Dictators and Development in Latin America
- HIST 577, Inventing Mexico: Nationalism and National Identity in a Global Context
- POLSC 235, Government and Politics of Latin America
- POLSC 242, Immigration and Citizenship
- POLSC 261, U.S.-Latin American Relations

Mathematics (First Year and Transfer)

Area of Study: Mathematics and Natural Sciences
Programs: Major and Minor

A Guide to First Year Advising in Mathematics

In general, students who will need a Mathematics course, or who are interested in Mathematics, should be encouraged to take a Mathematics course in the fall.

Mathematics Placement Test Policy for 2024

- All entering first-year and transfer students are required to take the Mathematics Placement Assessment if they are planning on enrolling in MATH 151, with the exception of students who have already received Allegheny transfer credit for PRERQ*MAT.
- All other first-year students (including those students who took an AP Calculus Exam in Spring 2024) and transfer students should take the Mathematics Placement Assessment A student's math placement score is a measure of their current preparation for Allegheny's Calculus I.

Students who take the Math Placement Test:

- Students who place in MATH 151 (Calculus I) should take MATH 151.
- Students who do not place in MATH 151 should take MATH 140 (Calculus I with Precalculus, Part 1).

Students who took an AP Calculus Exam in Spring 2024

- Unless Allegheny has received the official results for the AP Calculus Exams, these students should be enrolled in MATH 140 or MATH 151 based on their math placement test score.
- Once the official results for the AP Calculus Exams have been received, students with AP Calculus credit should be moved to the appropriate calculus course as described in the following table.

AP Test	AP Score	Credit Received	Recommended Placement
Calculus AB	3 or below	None	Determined by placement exam
	4 or 5	MATH 151	MATH 152

Calculus BC	2 or below	None	Determined by placement exam
	3 with AB subscore of 3 or below	None	Determined by placement exam
	3 with AB subscore of 4 or 5	MATH 151	MATH 152
	4 or 5	MATH 151 and MATH 270	MATH 152

Students with transfer credit (regardless of placement test score, if they took the Mathematics Placement Assessment):

- Unless Allegheny has already processed incoming transfer credit, these students should be enrolled in MATH 140 or MATH 151 based on their Mathematics Placement score.
- Once incoming transfer credit has been processed, students with transfer credit should be moved to the appropriate calculus course as described in the following table.

Transfer Credit	Recommended Placement
PRERQ*MAT	MATH 151 (regardless of placement exam score)
MATH 140	MATH 141
MATH 141	MATH 152
MATH 151	MATH 152
MATH 152	Consult Math Department Chair
MATH 270	MATH 152, or consult Math Department Chair

Pathways to the Mathematics Major:

For all students majoring in Mathematics:

- Ideally, a Mathematics major should begin in MATH 151 or above. Students who do not place in MATH 151 should begin in MATH 140.
- MATH 205 is a prerequisite for most upper-level courses and should be taken as soon as possible, in the second year.
- The course MATH 211 is offered every fall and most springs. The course MATH 205 is offered every spring and most falls. The courses MATH 280, MATH 325, and MATH 340 are offered only in the fall. The courses MATH 320 and MATH 585 are offered only in the spring. The course MATH 270 is usually offered once per year, on no set rotation.
- Most of the other 200-, 300-, and 400-level electives are offered once every two years; the exception is MATH 345, which is offered every fall, and MATH 346, which is offered every spring.

Suggested Sequence of Required Courses for the Math Major placing in Math 151:

	1st Semester (Fall)	2nd Semester (Spring)
First Year	MATH 151	MATH 152
Sophomore	MATH 211 MATH 205	MATH 320 Elective
Junior	MATH 270 or MATH 280 MATH 325 or MATH 340	MATH 585 Elective
Senior	MATH 325 or MATH 340 Elective	MATH 620

Suggested Sequence of Required Courses for the Math Major placing in MATH 140:

	1st Semester (Fall)	2nd Semester (Spring)
First Year	MATH 140	MATH 141

Sophomore	MATH 152	MATH 211 MATH 205
Junior	MATH 270 or MATH 280 MATH 340	MATH 320 MATH 585 Elective
Senior	MATH 325 Elective	MATH 620 Elective

- Establishing an advisor: Simply ask a professor that they would like to work with.
- Junior Seminar: Should be taken in the Spring of the Junior Year. Students register for an open section.
- Senior Comp: One semester comp taken either Fall or Spring semester of the senior year.

Pathways to the Mathematics Minor:

For all students minoring in Mathematics:

- The Mathematics minor requires 20 semester credit hours of Mathematics courses numbered above MATH 151.
- FSMAT 201 counts toward the Mathematics minor but is not required.
- At least 4 semester credit hours must include a Mathematics course numbered 300 or above.

Suggested Sequence of Courses for the Math Minor placing in Math 151:

	1st Semester	2nd Semester
First Year	MATH 151	MATH 152
Second Year	MATH 211	MATH 320 or Elective
Third or Fourth Year	MATH 345 ore Elective	Elective

Suggested Sequence of Courses for the Math Minor placing in Math 140:

	1st Semester	2nd Semester

First Year	MATH 140	MATH 141
Second Year	MATH 152	MATH 211
Third Year	MATH 345 or Elective	MATH 320 or Elective
Fourth Year		Elective

Information for Transfer Students

Suggested Sequence of Required Courses for the Math Major for Transfer Students with credit in MATH 151 and MATH 270, and wanting to finish in three years:

- Ideally, a transfer student considering a Mathematics major with one year of experience elsewhere will already have transfer credit for at least two courses in calculus, typically MATH 151 and MATH 270.

	Fall	**Spring**
Second Year	MATH 152	MATH 205 MATH 211
Third Year	MATH 340	MATH 320 MATH 585 MATH Elective
Fourth Year	MATH 325 MATH Elective	MATH 620 MATH Elective

Suggested Sequence of Required Courses for the Math Major for Transfer Students with credit in MATH 151, MATH 270, and MATH 211 and wanting to finish in two years:

- Ideally, a transfer student considering a Mathematics major with two years of experience elsewhere will already have transfer credit for three courses in calculus, typically MATH 151, MATH 270, and MATH 211, as well as transfer credit for either MATH 280 or MATH 320. For these students, MATH 270 serves as a substitution for MATH 152, making MATH 280 required.

	Fall	**Spring**
Third Year	MATH 205 MATH 280 (if not transferred) *or* MATH Elective	MATH 320 (if not transferred) MATH 585 MATH Elective
Fourth Year	MATH 325 MATH 340	MATH 620 MATH Elective MATH Elective (if needed)

Additional Notes:

- **Academic Advisor:** Simply as a professor that they would like to work with.
- **Junior Seminar:** Students should plan to take the Junior Seminar in the Spring semester of the junior year. Students register for an open section.
- **Senior Comp:** Math Senior Comp is a one semester comp taken either Fall or Spring semester of the senior year.

Middle East and North African Studies

Area of Study: Interdisciplinary Studies
Program: Minor
Now housed in International Studies

Program Faculty: Professor Alkyam (Program Coordinator), Hilal, Kirschner, Krone, B. Miller, Onyeiwu, A. Yusuf

See also the Middle East and Northern Africa track in the "International Studies" major.

The minor in Middle East and North Africa ("MENA") Studies is an interdivisional program examining the history, politics, religion, culture, and economics of the region. Through this minor, students will gain an in-depth understanding of the MENA region and the contexts through which we understand it. One of these courses must be at or above the 300 level, and students must have at least a 2.0 GPA in the minor. Students petitioning to include classes not listed below must provide a course syllabus. The minor requires a minimum of 24 semester credit hours, and no more than 12 credits of foreign language study may be included in the 24-credit minimum. When appropriate, other courses – for example, courses taken during study abroad – may be substituted for any of the requirements. All substitutions of alternatives for required courses must be approved by the minor coordinator, and students are strongly encouraged to discuss any potential course substitutions prior to enrolling in the course.

When advising students, please note:

- Students should take an introductory survey and start the Arabic language sequence as soon as possible (ideally, in their first 3 semesters).

Music

Area of Study: Visual and Performing Arts
Program: Minor (28 credits)

Suggested timeline for students interested in pursuing a Music minor:

	Fall Semester	**Spring Semester**	**Either Semester**
Year 1 (6-8 credits)	MUSIC 175[1]	MUSIC 123, Listen Up!	Performance[1]
Year 2 (8-10 credits)	MUSIC 188[2]	Intermediate elective (materials or culture)	Performance
Year 3 (6-8 credits)	Intermediate elective (materials or culture)		Performance
Year 4 (4 credits)	Advanced elective (materials, culture, or performance)		

[1]Music 174 (4 credits) counts toward the performance category in the minor, so students may choose this course or other courses in the performance category (1-2 credits) during their first year.
[2]Advanced students may be prepared to take MUSIC 188 during the Fall semester of their first year.

Note: because the new Music curriculum passed late in Spring 2024, Fall 2024 courses are listed by the old curriculum's numbers. Spring 2025 course numbers will reflect the new curriculum's numbers.

Recommended 4-credit courses for students with Music experience

- MUSIC 102 - World Music Cultures (24FA)
  explore global music making as part of cultural life
- MUSIC 123 - Listen Up! (25SP)
  explore music styles & genres to discuss and compare sounds & forms
- MUSIC 175 - Music Technology (24FA)
  use technology to create & perform music
- MUSIC 188 - Fundamentals of Music (24FA)
  read & use written symbols & develop broad performance skills
- MUSIC 190 - Music for Film (24FA)
  explore the techniques & practices of touchstone film composers

Recommended performance courses for students with Music experience

- *The courses below (1 credit each, repeatable) are intended for students with performance experience*
- *Placement auditions occur at the beginning of each semester*
- *Only 4 credits of Ensemble are needed for the minor but students are encouraged to continue ensemble performance throughout their time at the College*

Course #	Title (old title still in use 24FA)	Faculty contact
MUSIC 110	Civic Orchestra (Civic Symphony)	Mike Dolan (mdolan)
MUSIC 112	Symphonic Band (Wind Symphony)	Jason Delfing (jdelfing)
MUSIC 114	Jazz Ensemble (Jazz Band)	Rob Roth (rroth)
MUSIC 115	College Choir	James Niblock (jniblock)
MUSIC 116	Soprano-Alto Chorale (Women's Ensemble)	James Niblock (jniblock)
MUSIC 119	Tenor-Bass Chorus (Mens' Ensemble)	James Niblock (jniblock)

Recommended 4-credit courses for students with little to no Music experience

- MUSIC 101 - Music Appreciation (24FA)
  learn to identify music makers & styles
- MUSIC 121 - Discovering Music (25SP - new version of MUSIC 101)
  create & listen to music with emphasis on melody, harmony, & rhythm
- MUSIC 174 - Music Technology (24FA)
  use technology to create & perform music
- MUSIC 190 - Music for Film (24FA)
  explore the techniques & practices of touchstone film composers

Recommended performance courses for students with little to no Music experience

- *1 credit each, offered every semester, not repeatable for credit*
- *Contact the department with questions*

Course # (24FA)	Title	Course # (25SP)
MSUIC 105	Applied Music: Class Piano	MUSIC 150
MUSIC 108	Applied Music: Class Voice	MUSIC 155
MUSIC 106 01	Applied Music: Class Guitar	MUSIC 160
MUSIC 106 02	Applied Music: Class Orchestral Strings	MUSIC 161

Students interested in declaring a minor in Music should speak directly with a faculty member and/or the Department Chair.

Neuroscience (First Year and Transfer)

Area of Study: Mathematics and Natural Sciences
Program: Major
Major/Minor Exclusions: A student majoring in Neuroscience may not minor in Psychology.

When advising a student interested in Neuroscience, please note:

The Major in Neuroscience has four principle components:

- **Core Courses:** BIO 220, 221, CHEM 120, 122, 231, NEURO 110, 120, and research methods/statistics (either BIO 385 or PSYCH 206 and 207).
    - *BIO 220 and 221 no longer have a prerequisite (previously CHEM 120) and can be taken in either order.*
- Electives: complete **three 4-credit courses** selected from three areas, **Cellular and Molecular Neuroscience, Behavioral and Cognitive Neuroscience, and Neuroscience Connections**. These courses must include at least one from the Cellular and Molecular list and one from the Behavioral and Cognitive list. At least two of these 4 credit classes must be numbered 300 or above. (See *Academic Bulletin* for specific courses).
- **Academic Advisors:** Students can approach any NEURO faculty member about being their academic advisor. If a student does not know whom they should approach, or if the person they do ask is not accepting additional advisees, the student should discuss options with the chair of the neuro program.
- **Junior Seminar** from a list of BIO and PSYCH Junior Seminars (See *Academic Bulletin* for specific courses). The Junior Seminar can be taken either semester of the Junior year. Students complete online preference forms for PSCH or BIO Junior Seminars that count for Neuroscience during the spring semester of sophomore year and are matched to sections based upon interests and availability of seats.
- Two-semester, six credit **Senior Project** (NEURO 600 and 610). Determination of Senior Project first readers is similar to that of Junior Seminar sections as students complete online preference forms for PSYCH or Bio faculty readers during spring semester of their junior years and matched up based on interests and availablility.

Major/Minor Advising Considerations:

- There is **no Minor** in Neuroscience.
- Students majoring in Neuroscience may **not minor** in Psychology.
- If a student decides to double major in Neuroscience and Psychology there must be a minimum of 20 credits completed in Psychology that are not counted in any way toward the Neuroscience Major.

Prerequisites to note:

- NEURO 110 does not have any formal prerequisites. *Success in this course does, however, require an openness to, if not an understanding of, quantitative approaches and chemical and*

biological perspectives. A student's placement into MATH 151 or score of 4 or 5 in AP BIO are particularly good indicators that they would be prepared for NEURO 110 upon arrival at Allegheny.

- Students who place into MATH 151 may take CHEM 120
- Students who place into MATH 140 should consider enrolling in CHEM 119 in the 1st year Fall semester. Upon successful completion of either Math 140 or CHEM 119 (C or better), the student may register for CHEM 120 in Spring semester.
- BIO 220 or BIO 221 prerequisite for some of the advanced Bio courses in the **Cellular and Molecular Neuroscience Area**.
- PSYCH 150, 152, 154, or 172 may serve as a prerequisite for the advanced PSYCH courses in the **Behavioral and Cognitive Area**.
- Mathematics is not required for a Neuroscience Major, but calculus is a pre- or corequisite for some Biology and Chemistry courses required for the Neuroscience Major. Also note that calculus is required for students interested in the Health Professions.
- PSYCH 150, 152, 154/5, and 172 are **Neuroscience Electives** that have **no prerequisites**.

Additional Advising Notes:

- CHEM 232, 234, and Physics 101, 102 (or 110 and 120), are recommended for some Graduate Programs in Neuroscience and are on the required list for the Health Professions.
- Please note PHYS 110, CHEM 231, and PHYS 101 are offered **only in Fall** semesters while PHYS 102 and Physics PHYS 120 are offered **only in Spring** semesters.

Potential Schedules for **Neuroscience Majors** (Note from the current chair: each of the two potential schedules provided can be, and have been, substantially modified by successful Neuroscience Majors):

Potential schedule for those **starting in MATH 151**:

	1st Semester (Fall)	2nd Semester (Spring)	Either Semester
First Year	SWS 105 CHEM 120 MATH 151 NEURO 110/120 PSYCH 150, 152, or 154/155	NEURO 110/120 CHEM 122 PSYCH 150, 152, or 154/155	*Most students should take SWS 105 in the Fall*
Sophomore	BIO 220 CHEM 231 PSYCH 206 or BIO 385	BIO 221 PSYCH 207 or BIO 385	SWS 205

Junior	Neuroscience Electives	Neuroscience Electives	Junior Seminar (The specific semester and section should be arranged second semester of sophomore year)
Senior	NEURO 600	NEURO 610	

Potential schedule for those **starting in MATH 140:**

	1st Semester (Fall)	2nd Semester (Spring)	Either Semester
First Year	SWS 105 MATH 140 CHEM 119 PSYCH 150	NEURO 110 CHEM 120 MATH 141	*Most students should take SWS 105 in the Fall*
Sophomore	BIO 220 CHEM 122 NEURO 120 PSYCH 206 or 385	BIO 221 PSYCH 207 or BIO 385	SWS 205
Junior	CHEM 231 Neuroscience Electives	Neuroscience Electives	Junior Seminar (The specific semester and section should be arranged second semester of sophomore year)
Senior	NEURO 600	NEURO 610	

Information for Transfer Students

For all students majoring in Neuroscience:

- There are no prerequisites for starting the required Foundations of Neuroscience course sequence (Neuro 110 and Neuro 120), although it should be noted that Neuro 110 is not recommended for first semester, first year students who are uncomfortable with the natural sciences.

- There are specific prerequisites for required core courses in Chemistry and attention must be paid to these in schedule planning.
  - Placement into Math 151, transfer or AP credit for Math 151, completion of Math 140 with a C or better, or completion of Chem 119 with a C or better is required to enroll in Chem 120.
  - Chem 120 is a prerequisite for Chem 122.
  - Chem 122 is a prerequisite for Chem 231 (which is only offered in fall semesters).
  - Bio 220, Bio 221, and FSBio201 are requirements for upper level Bio classes in the Neuroscience curriculum.
- Several Psychology courses that serve as electives in the Neuroscience major do not have prerequisites (Psych 150, Psych 152, Psych 154/5, and Psych 172).
- For the Statistics requirement for the major
  - Math 141 or 151 is a prerequisite for the Bio 385 option.
  - There is no prerequisite for starting the alternative Psych 206-Psych 207 sequence.
- Neuroscience majors complete at least 3 electives selected from three areas. At least two of these 3 classes must be numbered 300 or above and thus most have some prerequisite in Psych, Bio, or Neuro.

Two potential Four Year pathways for **Neuroscience Majors** are presented below.

Transfer students could fit into these based on their completion of prerequisites via transfer credits, with the place in the sequence of Chem and Bio classes perhaps the most important variable. (It takes four semesters to complete the Bio and Chem courses if no additional work is required to start Chem 120, five if a prerequisite for Chem 120 remains.)

Potential four year pathway for those meeting CHEM 120 prerequisites

	1ˢᵗ Semester (Fall)	2ⁿᵈ Semester (Spring)	Either Semester
First Year	SWS 200 CHEM 120 MATH 151 NEURO 110 or PSYCH 150, 152, or 154/155	NEURO 110 or 120 CHEM 122 PSYCH 150, 152, or 154/155	
Sophomore	BIO 220 CHEM 231 PSYCH 206 or BIO 385	BIO 221 PSYCH 207 or BIO 385	

	1st Semester (Fall)	2nd Semester (Spring)	Either Semester
Junior	Neuroscience electives	Neuroscience electives	Junior Seminar (The specific semester and section should be arranged second semester of *sophomore year*)
Senior	NEURO 600	NEURO 610	

Potential four year pathway for those needing MATH 140 to take CHEM 120:

	1st Semester (Fall)	2nd Semester (Spring)	Either Semester
First Year	SWS 200 MATH 140 CHEM 119 PSYCH 150	NEURO 110 CHEM 120 MATH 141	
Sophomore	BIO 220 CHEM 122 PSYCH 206 or BIO 385 NEURO 120	BIO 221 PSYCH 207 or BIO 385	FS 201 (FSBIO 201 is preequisite for several courses in Cellular and Molecular Area)
Junior	CHEM 231 Neuroscience electives	Neuroscience electives	Junior Seminar (The specific semester and section should be arranged second semester of *sophomore year*)
Senior	NEURO 600	NEURO 610	

(Note from the current chair: each of the two potential pathways shown here can be, and have been, substantially modified by successful Neuroscience Majors):

Additional Major/Minor Advising Considerations:

- There is **no minor** in Neuroscience.
- Students majoring in Neuroscience **may not** minor in Psychology.

- If a student decides to double major in Neuroscience and Psychology there must be a minimum of 20 credits completed in Psychology that are not counted in any way toward the Neuroscience Major.

Philosophy (First Year and Transfer)

Area of Study: Values and Societies
Programs: Major and Minor
Department: History & Philosophy
Program Coordinator: Prof. Eric Palmer

When advising a student interested in Philosophy, please note:

- **Entering and other students can't go wrong with any 100 level course.**
- **200-level courses should be accessible to entering first year students with stronger than average writing and reading skills.** PHIL 270 has a "one course in Philosophy" prerequisite; but it may open to students with strong preparation and reading skills (please contact Eric Palmer for consideration)

When advising a student interested in a Major in Philosophy, please note:

- **In the first year of study, Majors should plan to complete PHIL 165 (offered spring 2025) and at least one other 100-level course.** Adding PHIL 220 or one among PHIL 230 and 240 is recommended.
- **By the end of the second year,** students should also complete PHIL 220, one among 230 and 240, and should achieve a total of at least 20 credits in philosophy.

Offered Fall 2024:

- **PHIL 130 (Values and Knowledge)** a study of scientific knowledge (since scientific theories are refuted and replaced, why is it called knowledge?), and of the social effects of scientific knowledge (in technological application, such as genetic engineering).
- **PHIL 140 (Ethics and Community)** emphasized the topic areas its title suggests.
  - It also serves a role in the Business major, Community & Justice Studies Major, Education Studies Minor, Energy & Society Minor, Data Science Major and Minor, Global Health Studies Major.
- **PHIL 270 (Early Modern Philosophy)** a study of a few notable threads of thought from the writings of Rene Descartes, John Locke, Immanuel Kant, and other European Enlightenment thinkers. PHIL 270 has a "one course in Philosophy" prerequisite; but it may open to students with strong preparation and reading skills (please contact Eric Palmer for consideration).
- **PHIL 285 (Business and Professional Ethics)** topic as indicated, offered once per year. Due to enrollment pressures, students should anticipate enrolling during Sophomore year at earliest.

The Major in Philosophy requires completion of at least 42 semester credit hours as outlined below:

- Two introductory courses from among Philosophy 120, 130, 140 and 165. It is recommended, but not required, that these courses be taken before courses above the 100 level.
- Philosophy 220
- One of Philosophy 230 or 240
- One of Philosophy 310, 340, 385
- Philosophy 580 (students arrange for 580 in junior or senior year while taking a 300-level course in consultation with the Program Coordinator)
- Philosophy 600 and 610 (students arrange these with their intended senior project advisor – or consult with Program Coordinator)
- Two elective courses in philosophy or cognate courses from another discipline. By consulting with faculty, students may use electives to create an emphasis in a specific area of philosophy.

A combined maximum of eight transfer credits and credits taken credit/no credit at Allegheny may be counted toward the major, including PHIL 600 (2 credits, C/NC); exceptions must be approved by the Program Coordinator. At graduation, Philosophy majors must have a GPA of at least 2.0 in required courses and further courses that satisfy the credit count up to the department requirement of 42 credits.

The Minor in Philosophy requires completion of at least 24 semester credit hours as outlined below:

- Two courses from among Philosophy 120, 130, 140, 165 and 220.
- Two among Philosophy 310, 340, 385, 580.
- Two electives to bring the total to 24 credits.

A combined maximum of six transfer credits and credits taken credit/no at Allegheny may be counted toward the minor. At graduation, Philosophy minors must have a GPA of at least 2.0 in required courses and further courses that satisfy the credit count up to the department requirement of 24 credits.

Philosophy majors/minors are required to have a GPA of at least 2.0 in the Major/Minor at graduation.

Information for Transfer Students

Pathways to the Philosophy Major

A combined maximum of eight transfer credits plus credits taken credit/no credit at Allegheny may be counted toward the major, including Allegheny's PHIL 600 (2 credits, C/NC); exceptions must be approved by the Program Coordinator.

A Philosophy major might be achieved on a 2 year schedule by a student who transfers in two (3-credit) introductory philosophy courses from earlier college experience and pursues the following schedule (for explanation of *non-numbered course requirements noted in the table*, see further below):

	Fall	Spring

Third Year	*Introductory-level or philosophy elective* PHIL 220, Epistemology PHIL 165 *(excused if student transfers in a course in history of philosophy,* *as determined by the Program Coordinator)* If student expresses an interest in PHIL 285 (Business and Professional Ethics), transfer students with Junior status may contact Eric Palmer for consideration, even if the course is full.	*Philosophy elective* *Philosophy elective* PHIL 230 or 240 (*excused if student transfers in a course* *in history of philosophy, as determined by the Program Coordinator)*
Fourth Year	PHIL 600, Senior Project Tutorial (2 credits) PHIL 580, Junior Seminar	PHIL 610, Senior Project PHIL 310, 340, or 385

(The schedule above is hypothetical: all required courses are offered each year, but their pattern of offering varies between spring and fall.)

More detail on the Philosophy major: The path to a Philosophy major might best be traced back from its endpoint (graduation!). It requires completion of **42 credits**.

In your Fourth (Senior) Year:

You must complete your **senior project**, a two semester sequence of your own independent work (PHIL 600 (2 credits), PHIL 610 (4 credits)), carried out under the supervision of a faculty member. **PHIL 610** is the course that completes your senior project. **PHIL 600** (2 credits) is the preparatory phase of that project and should be taken in the semester before PHIL 610. So, PHIL 600 may be taken as early as your Junior year spring semester, or in the fall semester of your Senior Year.

In your Third (Junior) or Fourth Year:

You should expect to take our highest-level course offerings: the **junior seminar (PHIL 580)** and an **applied seminar (PHIL 310, PHIL 340, PHIL 385)**. These may be taken either year, it is preferable, but not required that PHIL 580 precede PHIL 610.

In your Second (Sophomore) or Third Year (or, if not completed earlier, in your Senior Year):

You should expect to take **epistemology (PHIL 220)** and at least one **sciences and philosophy course** (PHIL 230, PHIL 240). The Program Coordinator may determine that a transfer student has completed this requirement, or the **history requirement** (PHIL 165) if appropriate courses have been previously completed and transferred to Allegheny. Consult with the Program Coordinator for details.

And, for those who begin their college education at Allegheny, or transfer in after the first year:

In your First or Second Year:

You should expect to take **two** of our **introductory-level courses** (PHIL 120, PHIL 130, PHIL 140, PHIL 165). You may also take 200-level courses.

A Philosophy minor is easily completed in two years. A student should expect to take our highest-level course offerings: the **junior seminar (PHIL 580**, regularly offered in fall) and an **applied seminar (PHIL 310, 340 and 385)**. These may be taken either Junior or Senior year. The minor also requires 24 credits total, of which two courses should be from among PHIL 130, 140, 165 and 220. That two course requirement might be satisfied through transfer courses: for details, see the "Philosophy courses most often transferred" below.

Students transferring to Allegheny College who are considering a Major or Minor in Philosophy should feel free to ask questions of the Program Coordinator (Eric Palmer, epalmer@allegheny.edu) to informally discuss courses that may transfer to satisfy specific requirements listed above.

Philosophy courses most often transferred

Issues to consider for transfer credits:

1. A 3-credit transfer course with a similar description and course content will be accepted to fulfill a 4-credit requirement in Philosophy. However, a student must still meet the minimum number of credit hours required for the major (or minor), which might necessitate taking or transferring elective courses in Philosophy.
2. Philosophy requires two introductory 100-level courses towards the Major, and up to two such courses may be counted towards the Minor. Students who transfer in a Philosophy course to Allegheny College are most likely to receive credit that will serve to fulfill the requirement for one of those introductory courses. This is necessarily so if the course transfers in as PHIL 120, 130, 140, or 165. It is very likely to be the case even when courses transfer as a generic number (PHIL*1TE or PHIL*2TE). It is safe to say that any introductory course in a standard area of philosophy such as logic, metaphysics, epistemology, or critical thinking will qualify as one of the numbers listed above. Explicit determination may be decided upon consultation with the Program Coordinator.
3. **History of Philosophy Courses:** A course focused upon history of philosophy that is discontinuous, jumping through time periods, is likely to transfer either as PHIL 165 or PHIL 1*TE equivalency. More formal history of philosophy courses will transfer as 2*TE and will also serve to fulfill the PHIL 165 requirement for the major (examples: Greek Philosophy, Medieval Philosophy, History of African Philosophy, 20th Century Continental Philosophy).
4. **Epistemology course: PHIL 220** Epistemology is likely to be a transfer-equivalent for any college-level course with the title "Epistemology", "Theory of Knowledge," "Knowledge," or "Problems of Knowledge." A course with the title "Knowledge and [second subject area]" is unlikely to qualify as PHIL 220 and is likely to transfer as PHIL 1*TE equivalency.
5. **PHIL 285 Business and Management Ethics** is likely to be a transfer equivalent for another college-level course with the title "Business Ethics" or "Management Ethics" or a similar title, where the course has an upper-level (above introductory level) number within the numbering

system that is used by the institution at which the course is taught. Introductory level courses are likely to transfer as Phil 1*TE equivalency.

6. **PHIL 385 Medical Ethics** is likely to be a transfer equivalent for a college-level course with the title "Medical Ethics" or "Biomedical Ethics" or a similar title, where the course has an upper-level (above introductory level) number within the numbering system that is used by the institution at which the course is taught. Introductory level medical ethics courses are likely to transfer as Phil 1*TE equivalency.

7. **Cognate courses:** Up to two courses that count towards a Major in Philosophy may be "cognate courses". A cognate course (from an area outside of the study of philosophy) will qualify as providing credits towards the Major if your Philosophy advisor at Allegheny College finds that the course you propose contributes to your philosophical work. This arises most frequently when a course contributes towards informing work that will be developed in the Senior Project. So, for example, a Women's, Gender and Sexuality Studies course may be a suitable cognate for a student whose work focuses upon social and political philosophy. Your academic advisor at Allegheny determines qualification for cognate courses following your arrival, and usually well into your study at Allegheny, so this will not affect decisions regarding qualifying transfer courses. But having a background in relevant courses may reduce the number of courses in Philosophy that will be required to complete the major.

Students transferring to Allegheny College who wish to consult on courses should feel free to ask questions of the Program Coordinator (Eric Palmer, epalmer@allegheny.edu) to informally discuss courses that may transfer.

Physics (First Year and Transfer)

Area of Study: Mathematics and Natural Sciences
Programs: Major and Minor

Information for Transfer Students indicated by ***Note for Transfer Students:**

(Including Physics and Astronomy Minors)

There are two different sequences of introductory physics, each consisting of two courses*****.

	PHYS 110 and 120	PHYS 101 and 102
Series Begins	Fall Semester	Fall Semester
Taken by	Physics, Chemistry, and Biochemistry Majors in the first or second year	Some Pre-Health Students

*Note for Transfer Students: Introductory Physics courses that require Calculus as a prerequisite or corequisite in their course descriptions can substitute for PHYS*101 and PHYS*102

Suggested Schedules for the **Physics Major starting in MATH 140*:**

	1st Semester (Fall)	2nd Semester (Spring)	Either Semester
First Year	SWS 105 MATH 140	MATH 141	*Most students should take SWS 105 in the Fall* 100-Level natural science course (CHEM 119+120, CS, Geology, Neuroscience)
Sophomore	PHYS 110 MATH 152	PHYS 120 PHYS 240 PHYS 260	

Junior Senior	PHYS 210 PHYS 3XX PHYS 280	PHYS 580 FSPHY 201 PHYS 3XX or 4XX	PHYS 4XX MATH 211 (could also be taken senior year)
Senior	PHYS 600 PHYS 3XX	PHYS 610	PHYS 3XX or 4XX

*Notes for Transfer Students:

1. *Students who transfer into the sophomore year* can enter the first sequence at the Sophomore level if they have had the equivalent of MATH 141.
2. *Students who transfer into the sophomore year* can enter the second sequence at the Sophomore level if they have had the equivalent of MATH 141 and PHYS 101 (an introductory physics course with Calculus as a prerequisite or corequisite).
3. *Students who transfer into the Junior year* can enter either sequence at the Junior level if they have had the equivalent of PHYS 101 and PHYS102 (an introductory sequence of physics courses with Calculus as a prerequisite or corequisite). To satisfy major requirements, transfer students should work with a Physics advisor to determine a plan for taking Physics 240 and 260, as well as a Natural Science course during the Junior or Senior year *unless such a course has been accepted for transfer credit*. The student must be sure to complete three 4-credit 300-level courses and two 2-credit courses during the Junior or Senior year.

**As an equivalent to PHYS 260, the Physics Department will accept an introductory thermal physics course that includes statistical mechanics in its course description for transfer credit into the major.

***One 300-level course that has been accepted for transfer credit as a Physics equivalent may count towards the Physics major.

Suggested Schedule for the **Physics Major placing in MATH 151*:**

	1st Semester (Fall)	2nd Semester (Spring)	Either Semester
First Year	SWS 105 PHYS 110 MATH 151	PHYS 120 MATH 152	*Most students should take SWS 105 in the Fall*

Sophomore	PHYS 210 MATH 280	FSPHY 201 PHYS 260** PHYS 240 (2 credits)	100-level natural science course (CHEM 119+120, CS, Geology, Neuroscience, Biology)
Junior Senior	PHYS 3XX***	PHYS 580	MATH 211 PHYS 3XX or PHYS 4XX
Senior	PHYS 600	PHYS 610	PHYS 3XX or 4XX

*Notes for Transfer Students:

1. *Students who transfer into the sophomore year* and have had an introductory physics course with Calculus with a prerequisite or corequisite can enter this sequence at the Sophomore level.
2. *Students who transfer into the Junior year* can enter this sequence at the Junior level if they have had an introductory physics course with Calculus as a prerequisite or corequisite, have had the equivalent to Math 211, and have had an introductory course in *Quantum Physics, Quantum Mechanics, Atomic Physics, or Atomic Physics*. To satisfy major requirements, transfer students should work with a Physics advisor to determine a plan for taking Physics 240 and 260, as well as a Natural Science course during the Junior or Senior year *unless such a course has been accepted for transfer credit*. The student must be sure to complete three 4-credit 300-level courses and two 2-credit 400-level courses during the Junior or Senior year.

**In place of Physics 260, the Physics Department will accept an introductory thermal physics course that includes statistical mechanics in its course description for transfer credit into the major.

***One 300-level course that has been accepted for transfer credit as a Physics equivalent may count towards the Physics major.

Suggested Schedule for the **Physics Major starting in MATH 152*:**

	1st Semester (Fall)	2nd Semester	Either Semester
First Year	SWS 105 MATH 152 PHYS 110	PHYS 120 MATH 211	*Most students should take SWS 105 in the Fall*

Sophomore	PHYS 210 MATH 280 FSPHY 201	PHYS 240 and/or 260** PHYS 3XX***	100-level natural science course (CHEM 119+120, CS, Geology, Neuroscience, Biology)
Junior Senior	PHYS 3XX	PHYS 240 and/or PHYS 360** PHYS 580	PHYS 3XX and/or 4XX
Senior	PHYS 600	PHYS 610	PHYS 3XX and/or 4XX

*Notes for Transfer Students:

1. *Students who transfer into the sophomore year* and have had an introductory physics course with Calculus with a prerequisite or corequisite can enter this sequence at the Sophomore level.
2. *Students who transfer into the Junior year* can enter this sequence at the Junior level if they have had an introductory physics course with Calculus as a prerequisite or corequisite, have had the equivalent to Math 211, and have had an introductory course in *Quantum Physics, Quantum Mechanics, Atomic Physics, or Atomic Physics*. To satisfy major requirements, transfer students should work with a Physics advisor to determine a plan for taking Physics 240 and 260, as well as a Natural Science course during the Junior or Senior year *unless such a course has been accepted for transfer credit*. The student must be sure to complete three 4-credit 300-level courses and two 2-credit 400-level courses during the Junior or Senior year.

****In place of Physics 260, the Physics Department will accept an introductory thermal physics course that includes statistical mechanics in its course description for transfer credit into the major.

*****One 300-level course that has been accepted for transfer credit as a Physics equivalent may count towards the Physics major.

Additional Advising Notes:

- **A student can still major in physics after taking the Physics 101/102 sequence in place of Physics 110/120.**
- While a student may still complete the Physics Major in four years without taking any physics courses during their first year, scheduling is easier when starting with physics in the first year.
- It is very important that Pre-Health students complete Physics 101 and Physics 102 by Fall semester of the third year, so that they will have taken Physics 102 before the MCATs.
- Well-prepared students with AP credit in physics (with a grade of 4 or 5) may skip Physics 110 (or 101) but should consider starting with Physics 120 (or 102) in their first year.

- Well-prepared students with AP or other college credit in both physics and math should consult with a physics faculty member before registering for physics courses
- Some students may take Math 211 and 365 in place of Mathematical Physics (Physics 272); please consult with physics faculty when considering this option.
- **Academic Advisor:** Students can ask any Physics faculty member.
- **Junior Seminar:** Students should plan to take the Junior Seminar in the spring semester of their junior year. Students register for an open section.
- **Senior Comp S:** 2 Semester Comp required, Senior year Fall and Spring

Physics Minors:

Students planning on minoring in Physics must take a minimum of 20 credits in the Physics Department, including Physics 110, 120 (or 101, 102) and Physics 210. Four credits must be at the 300 or 400 level. A minimum of 8 credits must be taken at Allegheny. Physics 101 and 110 are offered fall semester every year, Physics 102 and 120 are offered spring semester every year.

It is strongly recommended that Physics minors complete Physics 110 and 120 by the end of the sophomore year, or 101 and 102 by the end of the first semester junior year. Transfer credit is accepted for PHYS 101 and 102 if the course transferred is an introductory course with Calculus as a prerequisite or corequisite. It is recommended that minors complete Physics 210 by the end of the fall semester senior year. Transfer credit is accepted for PHYS 210 if the course transferred includes an introduction to quantum mechanics and atomic physics (with a Calculus based introductory physics course as a prerequisite).

Astronomy Minors:

Students planning on minoring in Astronomy must take a minimum of 22 credits.
Requirements: MATH 141 or MATH 151, PHYS 101 or PHYS 110, PHYS 121 (or, with permission of department, PHYS 021), PHYS 320, PHYS 420, and one of the following courses or course sequences: CHEM 120 and CHEM 122, GEO 110, PHIL 230, PHYS 102 or any higher-level Physics course. Physics 101 and 110 are offered fall semester every year and Physics 102 and 120 are offered spring semester every year. It is strongly recommended that Physics minors complete Physics 110 and 120 by the end of the sophomore year, or 101 and 102 by the end of the first-semester junior year. Transfer credit is accepted for PHYS 101 and 102 if the course transferred is an introductory course with Calculus as a prerequisite or corequisite.

Political Science (First Year and Transfer)

Area of Study: Social and Behavioral Science
Programs: Major and Minor

Professors Harward (Chair), Bloeser, Kirschner, Mattiace, Oliver, Wesoky, Williams

When advising a student interested in Political Science, please note:

- The introductory courses are POLSC 110, 120, 130, and 140
  - For the major, two introductory courses are required and three may count toward the major. First year students should begin by taking both introductory courses, ideally one in each semester of the first year. (Students are strongly encouraged to complete these by the end of the fourth semester.)
  - For a minor, one introductory course is required.
  - A 4 or a 5 score on AP exams in American or Comparative Government may substitute for one of the introductory courses.
- The Department is divided into five subfields: Culture and Politics, Globalization and Transnational Politics, Institutions and Processes, Policy Studies, and Problems in Democracy.
  - A first year student may begin to complete three courses in two categories listed above. 200-level courses are open to first year students. In general, introductory courses should be taken before 200-level courses.
    - Special topics courses will be assigned to categories by writing them in by hand and will "count" toward the categories requirement
- Students interested in...
  - international affairs are encouraged to include foreign language study and take the 120 and 130 introductory courses.
  - pre-law may consult the Pre-Legal Guidelines of the Advisor's Handbook or see Prof. Brian Harward.
- We encourage first year students to attend the many programs sponsored by the Center for Political Participation (CPP) and consider applying to the Law and Policy program, run by the CPP.
- **Academic Advisor:** Students can ask any faculty member to serve as their advisor. It usually works best when they have taken courses with their prospective advisor.
- **Junior Seminar:** Students should plan to register for the Junior Seminar in the Fall or Spring semester of the junior year or the fall semester of the senior year. Students register for an open section.
- **Senior Comp:** All majors (including double majors) are required to take POLSC 600 (pre-comp) course prior to enrolling in POLSC 610 (the comp). POLSC 600 is offered both fall and spring semesters, but most students will take 600 in the fall and 610 in the spring of their senior year.

Please contact Professor Harward for more information about the major and minor in Political Science.

Suggested Schedule for Political Science Majors:

	1st Semester	**2nd Semester**
First Year	FS 101 One intro class (POLSC 110, 120, 130, 140)	FS 102 One intro class (POLSC 110, 120, 130, 140) and One 200-level class if desired

Information for Transfer Students

Transferring after one year
We expect students transferring to Allegheny after attending one year at another institution may have one introductory course; in some cases, they may also be transferring in a 2nd introductory course and/or a 200-level course. Below you will find a roadmap of the Political Science major and minor requirements as you make progress towards your degree at Allegheny College

	MAJOR	**MINOR**
Year 1 at Allegheny	● Complete remaining **POLSC 100-level** introductory courses (majors need 3 from POLSC 110, 120, 130, 140) ● Take 1-2 **POLSC 200-level** courses ● Some students enroll in a **POLSC 300/400-level** course, particularly in the **2ⁿᵈ semester**	● Complete **POLSC 100-level** introductory course if necessary (minors need 1 from POLSC 110, 120, 130, 130) ● Take 1-2 additional courses at the **POLSC 100/200-level**
Year 2 at Allegheny	● Take 1 **POLSC 200-level** course if desired ● Take 2-3 **POLSC 300/400-level** courses (majors need 3) ● Enroll in **POLSC Junior Seminar** (580-587) ● Some students take 2-credit **POLSC 600**, Senior Project Proposal in the **spring** of this year	● Take 1-2 **POLSC 300/400-level** courses (minors need 2)

	MAJOR	MINOR
Year 3 at Allegheny	- Complete required 3 courses at the **POLSC 300/400-level** - Enroll in **POLSC Junior Seminar** (580-587) in the Fall if necessary - Take **POLSC 600**, Senior Project Proposal in **Fall** - Complete **POLSC 610**, Senior Project in **Spring**; students enrolled in POLSC 600 as juniors will complete POLSC 610 in the Fall - Take any remaining POLSC courses to reach major requirement of **46 credits**	- Complete required 2 courses at the **POLSC 300/400-level** - Take any remaining POLSC courses to reach minor requirement of **20 credits**

Transferring after two years		
We expect students transferring to Allegheny after attending two years at another institution may have at least two introductory courses and may also be transferring in a 200-level course. It is also possible to complete the major in two years with fewer transfer credits in Political Science		
	MAJOR	**MINOR**
Year 1 at Allegheny	- Complete remaining **POLSC 100-level** introductory courses (majors need 3 from POLSC 110, 120, 130, 140) in **1ˢᵗ** semester - Take 1-3 **POLSC 200-level** courses - Take at least 1 **POLSC 300/400-level** course (majors need 3) - Enroll in **POLSC Junior Seminar** (580-587)	- Complete *POLSC 100-level* introductory course if necessary (minors need 1 from POLSC 110, 120, 130, 130) in **1ˢᵗ** semester - Take 1-3 additional courses at the **POLSC 200-400 level**

| Year 2 at Allegheny | Complete requirement to take 3 courses at the **POLSC 300/400-level** Enroll in **POLSC Junior Seminar** (580-587) in Fall if it wasn't taken the prior year. Students who entered with fewer transfer credits in POLSC may wish to pursue this option. Take **POLSC 600**, Senior Project Proposal in **Fall** Complete **POLSC 610** Senior Project in **Spring**; students enrolled in POLSC 600 as juniors will complete POLSC 610 n Fall Take any remaining POLSC courses to reach major requirement of **46 credits** | Take 1-2 **POLSC 300/400-level** courses (minors need 2) Take any remaining POLSC courses to reach minor requirement of **20 credits** |

Psychology

Area of Study: Social and Behavioral Science
Programs: Major (BA & BS) and Minor
Major/Minor Exclusion: A student minoring in Psychology may not major in Neuroscience.

When advising a student interested in Psychology, please note the following:

Entering students may take any 100-level course; however care should be exercised regarding enrollment in Psych 110, which can be a challenging course for first-semester, first-year students. Psych 110 is recommended for students who have demonstrated success in AP/IB/college-level courses (earning a 4 or 5 on AP exams, transfer credit for Science/Math). There are an increased number of seats being held for first-year students in the other 100-level courses and suggest that advisors steer students to those courses.

Psychology 110 is required for both the major and the minor. This course may be taken at any point in the students college career. It can benefit students who take the MCAT to take Psych 110 the semester prior to the MCAT.

In addition to PSYCH 110, students need to complet an additional 2 (for minors) or 3 (for majors) courses at the 100-level. Specifically, students need to complete at least one course each in the following three categories: 150s, 160s, 170s. Minors need to take one course each in two of these categories.

FSPSY201 is not required for the major and, at this point, is NOT being offered; Psychology majors need to take a non-Psych FS201.

Psych 206 is required for minors and majors; Psych 207 is required for majors. It is best if the student begins the Statistics and Research Design sequence (206/207) in the Sophomore year. It is fine for students to take psych 110 the Sophomore year along with 206 or 207.

Three upper level courses (300 or 400) are required for majors, one of which must be designated as a Structures of Power and Privilege (SPP) course.

A department-wide Junior Seminar informaiton event is held every March. This is widely advertised and students should make every effort to attend. Following this event they receive a Junior Seminar preference form that needs to be completed. The chair will make assignments to Junior Seminars based on the students' expressed preferences. The Junior Seminar instructor will then reach out and grant signature consent.

Students can begin independent studies (Psych 590) as early as their sophomore year. To determine what opportunities are available, students should contact professors doing research in the department.

Internships are usually taken Junior or Senior year. Psychology 540 is a co-requisite for all clinical internships.

Academic Advisor: Students may ask a faculty member. The department shares a form to share advising availability.

Junior Seminar: A department-wide Junior Seminar informaiton event is held every March. This is widely advertised and students should make every effort to attend. Following this event they receive a Junior Seminar preference form that needs to be completed. The chair will make assignments to Junior Seminars based on the students' expressed preferences. The Junior Seminar instructor will then reach out and grant signature consent.

Senior Comp: Students can complete any of the options (2 semester comp Fall and Spring, 1 semester comp taken in senior year either fall or spring). In rare cases, we do "off-cycle" comps where students start in the Spring of their Junior year and finish in the Fall...e.g., if they wish to graduate early. We also ask rising Seniors to complete a form about their comp topics and preferences and based on that we make assignments to readers.

Suggested Course Sequence for a **Major in Psychology**

	1st Semester	2nd Semester	Either Semester
First Year	SWS 105		*Most students should take SWS 105 in the Fall* Two 100-level courses Note that PSYCH 110 may not be appropriate for all first-year students; students should consider taking PSYCH 110 in the sophomore (or later) year
Sophomore	PSYCH 206	PSYCH 207	At least 1 core course PSYCH 110 (it is fine to take this at the same time as 206 or 207)
Junior			Complete core course requirement At least 1 advanced topics course Junior Seminar
Senior			Complete advanced topics requirement PSYCH 600/610 or 620

Required courses for a **Minor in Psychology**:

Minor Requirements: 20 credits, including
 Psych 110 (avoid this in the first semester; consider taking it in the sophomore or later year)
 Psych 206

One course from each of two Core Area categories (150s, 160s, 170s) NOTE: This is a good place to start the minor

One course from those numbered in the 300s or 400s

NOTE: For students who are transferring in one or more of these courses, please make sure they understand that if they receive 3 credits (instead of 4) per course, they still will need a total of 20 credits in Psychology to earn the minor.

Public Humanities (First Year and Transfer)

Area of Study: Interdisciplinary Studies
Programs: Major and Minor
Now housed in History & Philosophy
Coordinator: Profs. Brian Miller & Paula Burleigh

New program 2023-2024 Academic Bulletin

When advising a student interested in Public Humanities, please note:

- **Foundation Course:** HIST 170, Introduction to Public History (offered in fall semesters)
- **Major Advisor:** PHUM advisors are members of the steering committee. If a student has cultivated a relationship with a steering committee faculty, they may express an advisor preference, and every effort will be made to accommodate requests. Final advising decisions are made by the PHUM program directors in order to ensure equitable distribution of advising labor.
- **Junior Seminar:** ART 584, Junior Seminar is a spring offering ONLY.
    - Majors should plan to take it the junior year spring semester.
    - Minors may take it in the spring of their junior or senior year.
    - The junior seminar is a Signature course, students should notify program coordinators of their intent to enroll for permission.
- **Senior Project:** 2 semester comp (2 credits fall, 4 credits spring). Students should plan to take in in the senior year.

Requirements for the Public Humanities Major
The Public Humanities Major requires a minimum of 44 credits. The Major consists of an 12-credit core; 4 credits of methods course work; 16 credits of course work in one of the following tracks: Space & Place, Museums & Collections, Advocacy & Social Justice, Memory Studies, and Public Writing; 2 credits of experiential learning (EXL, internship, or GL Study Away); Junior Seminar; and a 6 credit Senior Project.

Suggested Course Sequence for a **Major in Public Humanities:**

** Have conversation with major advisor as soon as possible about potential track course selections to ensure a timely passage through the major desired track.**

	1st Semester	**2nd Semester**	**Either Semester**
First Year	HIST 170, *Introduction to Public History*	CORE course	One additional CORE course

Sophomore	METHODS course TRACK course (can be 200-level)	TRACK course (can be 200-level)	
Junior	TRACK course (300-level or above)	TRACK course (300-level or above) ART 584 (Junior Seminar	2-credit EXL (can also be done sophomore year, and select EXL opportunities are available in the summer)
Senior	PHUM 600 (2 cr. senior project	PHUM 610 (4 cr. senior project)	

Requirements for the Minor in Public Humanities:

The Public Humanities Minor requires a minimum of 24 credits. The Minor consists of a 4 credit core; 4 credits of methods course work; 12 credits of course work in one of the following tracks: Space & Place, Museums & Collections, Advocacy & Social Justice, Memory Studies, and the Junior Seminar.

Suggested course sequence for a Minor in Public Humanities:

** Have conversation with the program coordinator(s) as soon as possible about potential track course selections to ensure a timely passage through the minor desired track.

	1st Semester	**2nd Semester**	**Either Semester**
Sophomore	HIST 170, *Introduction to Public History*	CORE course	
Junior	METHODS course TRACK course (can be 200-level)	TRACK course (can be 200-level) ART 584 (Junior Seminar)	Junior seminars are only taught in the spring semester.

Senior	TRACK course (can be 200-level)		For minors, the junior seminar can be taken in the second semester of the senior year. Junior seminars are only taught in the spring semester.

Suggested pathway for a Public Humanities Major planning to finish in 3 years:
Note: Students are expected to be transferring xxxxx. The most common courses transferred for direct credit are xxxx. [amend as needed]

Advice for transfer courses for Public Humanities major or minor:
A maximum of two transferred courses (8 credits) taken at institutions of higher learning or at secondary institutions through the AP or IB programs may normally be counted toward the major.

Religion in American Life

Area of Study: Values and Societies
Program: Minor
Department: History & Philisophy
Program Coordinator: Prof. Adrienne Krone

The Religion in American Life Minor is a 20 credit minor. The minor program includes RELST 180 and at least one course in each of the following categories: Traditions, Ethics, and Culture.

Students interested would ideally start with RELST 180: Religion in American Life but all 100 and 200 level courses are appropriate for first year students.

Foundation:

- RELST/HIST 180: Religion in American Life

Traditions:

- RELST 146: Islam in America
- RELST 147: Judaism
- RELST/HIST 260: The History of American Christianities

Ethics:

- RELST 200: Christian Ethics
- RELST 341: Jewish Ethics
- RELST/ENVSC 372: Judaism, Justice, and Food

Culture:

- RELST 130: The New Testament
- RELST/BLKST 174: Black Faith and Thought
- RELST 229: The Hebrew Bible
- RELST/HIST 288: Jewish Meadville
- RELST 350: Paul the Apostle
- RELST/BLKST 374: Black Theology
- RELST 360: Religion and the Environment

 Suggested course sequence for a **Minor in Religion and American Life**:

Minors typically take 2 entry-level (100- or 200-level) courses and 3 advanced (300-level) courses.

- First Year or Sophomore courses:
    - 1-2 entry-level (100- or 200-level) courses including RELST 180

- Sophomore or Junior courses:
  - 1-2 entry-level (100- or 200-level) courses.
  - 1-2 advanced (300-level) courses
- Junior or Senior courses:
  - 0-1 advanced (300-level) courses.

Women's, Gender, and Sexuality Studies (First Year and Transfer)

Area of Study: Interdisciplinary Studies
Programs: Major and Minor

When advising a student interested in Women's, Gender, and Sexuality Studies (WGSS), please note the following:

- WGSS is an interdisciplinary major and minor program administered by a department chair and steering committee.
- WGSS 100 (Introduction to WGSS) is offered every semester; one of WGSS 210 (Social Movements) or 211 (Queer Lives) is offered each year.
- Elective course offerings are available in poster form each semester. Most advisors receive this information. Students can also contact the chair or any member of the WGSS steering committee for more information.
- WGSS 100 and WGSS 210 or 211 are prerequisites for WGSS 300 (Feminist and Queer Theory) and WGSS 400 (Transnational Feminisms); electives for the program may require prerequisites from the particular discipline in which they are offered.
- BLKST 305 (Black Feminist Thought) counts as a substitution for WGSS 300 (Feminist and Queer Theory). Prerequisites for BLKST 305 are WGSS 100 or BLKST 100.

Majors in WGSS:

A major in Women's, Gender, and Sexuality Studies requires the completion of 40 semester credit hours. It includes WGSS 100, 210 or 211, 300 or BLKST 305, 400, 580, 620 and 16 credits selected from approved electives of three types: program, discipline-focused, and related. **Program Courses** are electives carrying the WGSS prefix and course number. **Discipline-Focused Courses** generally address the study of women, gender, and sexuality within the context of a particular discipline. **Related Courses** give substantive attention to feminist frameworks that explore the intersections of gender, race/ethnicity, sexuality, class, and nationality, but such issues may not be the primary focus of the class.

- Major Advisors: Any faculty person serving on the WGSS steering committee can serve as a WGSS major academic advisor. The current faculty on the steering committee are Courtney Bailey, Paula Burleigh, M. Soledad Caballero, Dara Delgado, Rebecca Oliver, Barbara Riess, and Barbara Shaw (chair of record as of July 1, 2024). We also currently have a two year Visiting Assistant Professor, Jo Giardini. However, they are not able to serve as an academic advisor.
  - Students are welcome to meet with the chair of WGSS to discuss selecting their WGSS academic major advisor, or they may connect directly with the faculty person (who is a member of the WGSS steering committee) they have in mind and ask them to serve as their WGSS academic major advisor. After this, the declaration process is akin to the normal declaration process. Students submit a declaration of major and minor form to the Registrar.
- WGSS does not have the capacity to schedule a junior seminar in WGSS each semester, so WGSS schedules its junior seminar in spring semesters. WGSS majors should take the seminar in the spring of their junior year. WGSS junior seminars are open to students as long as they have

taken WGSS 100, WGSS 201 or 211 and WGSS 300. We try to schedule WGSS 300 in fall semesters so that enrolling in the junior seminar will not be an issue. This is the ideal sequencing but if students have GSS 210 or 211 and WGSS 300 but not WGSS 100, or another configuration, that is usually not an issue.

- WGSS 620 can be taken either either fall or spring semester of the senior year. Students majoring in WGSS usually prepare for their senior project in the junior seminar, so then submitting a proposal at the end of the spring semester they are enrolled in the junior seminar should they want to do their senior project in the fall of their senior year is not an issue..

- Because WGSS is an interdisciplinary major and because many of our students double major, it is important to make sure that both senior project directors are part of every aspect of developing a topic for a senior project. Some majors have year-long senior projects while WGSS is only one semester. This difference usually means that students are enrolled in a 2 credit fall class in their senior year to develop their topic and write their proposals in the year-long senior project. Students should still involve their WGSS first readers in the development of their senior project proposal even though they will not officially register for their WGSS part of the project in the spring of their senior year. As WGSS guidlines indicate:
  - From our most recent Guidelines:
    - Many WGSS students are double majors who present a single project to fulfill the requirements of both WGSS and another department.
      - The exact conditions by which a student completes a joint Senior Project must be approved by WGSS and the other department.
      - At least one chapter of the joint Senior Project must make significant use of feminist methodoloies or theories.
    - For single WGSS majors, in their junior seminar, they will receive the complete guidelines for a WGSS senior project and will be addigned their first and second readers by the end of the semester.
    - Note: WGSS is in the process of revising its senior project guidelines in fall of 2023 for further clarification. As WGSS begins developing its action plan for its self-study, guidelines and course sequencing may shift. But for 2024-2025, the information provided is relevant and accurate

Minors in WGSS:

A minor in Women's, Gender, and Sexuality Studies requires the completion of 24 semester credit hours. It includes WGSS 100, 210 or 211, 300 or BLKST 305, 580 and eight credits selected from approved electives (see description of electives above). As an interdisciplinary minor, WGSS may be combined with majors from any division: humanities, natural sciences, or social sciences.

- WGSS minors can enroll in the junior seminar in the spring of their junior year or the spring of their senior year. WGSS junior seminars are open to students as long as they have taken WGSS 100, WGSS 201 or 211 and WGSS 300. We try to schedule WGSS 300 in fall semesters so that enrolling in the junior seminar will not be an issue. This is the ideal sequencing but if students have GSS 210 or 211 and WGSS 300 but not WGSS 100, or another configuration, that is usually not an issue.

- WGSS requires its junior seminar for minors. Students should try to aviod enrolling in two junior seminars in the same semester.

Students are encouraged to consult with the director of WGSS regarding planning for the major or minor.

If a student has questions, please refer them to the WGSS Program Chair: Barbara Shaw.

Other things to note and know: every semester a few weeks prior to registration for the next semester, the WGSS department creates an electronic poster with all the WGSS program courses offered the next semester as well as discipline and related classes that also count toward the WGSS major and minor. The chair of the department shares this poster with all WGSS majors and minors, WGSS affiliated faculty, and all department chairs

Information for Transfer Students

Transfer of credits chart

- Students who transfer to Allegheny College and who are interested in WGSS are likely to have taken courses that would fill the major requirements below, especially electives from other departments and perhaps introductory WS or WGSS classes and perhaps a theory class.
- Because electives, WGSS 100 and WGSS 300 are the classes that have transferred from other institutions in the last 5 years, here are some guidelines for you to see what classes might transfer toward a WGSS major or minor.

In order to fulfill the ...	... the course must cover ...
WGSS 100, Introduction to Women's, Gender, and Sexuality Studies	- An introduction to key concepts and connections in the field of women's, gender, and sexuality studies - Focus on the connections between feminist and queer scholarship - Intersectional approaches to gender, class, race, sexuality, ability, religion, and nationality
WGSS 300, Feminist and Queer Theory	- A focus on feminist and queer theories and how they are in conversation with one another - Intersectional approach to gender, race, class, sexuality, and nationality
Elective(s)	- Electives in WGSS are flexible and offered in almost every department and major - If you've had classes in areas like women and policy, gender and the environment, literature and sexuality, it's quite

	possible that they will transfer in as an elective toward a WGSS major or minor

World Languages and Cultures

Area of Study: Languages, Literature, and Culture
Programs:

- Arabic: Minor
- French: Minor
- German: Minor
- Spanish: Major and Minor

Discontinued Program: French Major (last in 2023-2024 Bulletin), Chinese Minor (last in 2021-2022)

When advising a student interested in World Languages and Cultures, please note:

- Students who have previous experience in a language that we teach at Allegheny <u>must take the placement test</u> and may consult with members of the department for help interpreting their results. They will begin our program in the course indicated by that progress; the paths through the programs that we lay out below will vary based on this and other factors.
- When a student is interested in continuing a language or beginning the study of a new one, <u>the study should begin as early as possible</u> in the student's college career.
- Students intending to major in International Studies or Global Health Studies <u>should enroll in language study in the first year</u>.
- Students learning a second language are encouraged to study abroad.
- Students pursuing a major should plan to take at least one course in the major each semester in the first two years, and two in the second two years.

In addition to the majors and minors described in detail below, WLC offers courses in

- **American Sign Language**: WLC 100 and 200. Contact the department for more information about these courses, which are generally not suitable for first-year students.
- **Latin**:
- **English for Speakers of Other Languages**: Listed under "WLC" rubric. These courses offer additional support for bilingual students or students for whom English is not their first language.

Questions may be directed to Wilfredo Hernandez, Chair of World Languages and Cultures (whernandez@allegheny.edu, Ruter 102, 814-332-2319) or to the Section Heads for each language.

- Arabic: Reem Hilal (rhilal@allegheny.edu, Ruter 105, 814-332-3310)
- French: Marie Dufay-Verbie (mdufayverbie@allegheny.edu, Ruter 202) or Briana Lewis (blewis@allegheny.edu, Ruter 102, 814-332-2322)
- German: Aaron Carpenter (acarpenter@allegheny.edu, Ruter 304) or Julia Ludewig (jludewig@allegheny.edu, Ruter 206, 814-332-2327)
- Latin: Judson Herrman (jherrman@allegheny.edu, Arter 202A, 814-332-4303)
- Spanish: Barbara Riess (briess@allegheny.edu, Ruter 107, 814-332-2323)

The Major available in World Languages and Cultures is Spanish

- Major Advisor: Students may ask any World Languages and Cultures (Spanish) faculty member.
- Junior Seminar: Students should plan to take their Junior Seminar in their Senior Year Fall semester (for most students, this is when they have reached the necessary level. Some may be able to take it sooner.). There is generally only one section per semester.
- Senior Comp: A 2 Semester Comp Fall and Spring is required. For enrollment reasons, the Junior/Senior seminar is sometiems "stacked" with the 300-level course given in the same semester -- has occasionally happened in Spanish. In that situation, students cannot register for both the seminar and the 300-level course, so should plan their path through the major accordingly.

Here is an example schedule for **Spanish Majors placing in Spanish 110:**

	1st Semester	2nd Semester	Either Semester
First-Year	SWS 105 Spanish 110	Spanish 120	*Most students should take SWS 105 in the Fall*
Sophomore	Spanish 215 SWS 205	Spanish 230/220 or SWS 205	
Junior	Spanish 220/230 Spanish 225		300-level Spanish Courses
Senior	Spanish 600 (2 cr.) Spanish 580	Spanish 610	1 400-level Spanish

Here is an example schedule for **Spanish Majors placing in Spanish 215**:

	1st Semester	2nd Semester	Either Semester
First-year	SWS 105 Spanish 215	Spanish 220/230	*Most students should take SWS 105 in the Fall*
Sophomore	Spanish 225	Spanish 300-level	Spanish 220/230

Junior			2 courses 300-level 1 course 400-level
Senior	Spanish 600 (2 cr.) Spanish 580	Spanish 610 1 400-level Spanish	

Minors in World Languages and Cult:

Arabic: The Minor requires completing a total of 24 semester hours of coursework, including 16 semester hours of coursework in the Arabic language, one 100-level culture course taught in English, and one course at the 300 level. *See also the Middle East and North Africa Studies Minor in the "Interdivisional Minor Program" section.*

Here is an example schedule for a student who minors in Arabic beginning in Arabic 110

	1st Semester	2nd Semester	Either Semester
First-Year	SWS 105 Arabic 110	Arabic 120	*Most students should take SWS 105 in the Fall* Arabic 130 (may be taken at at any time in the student's Allegheny career; is designed as in introduction
Sophomore	Arabic 215	Arabic 225	
Junior			A 300-level culture course (in English, and maya be taken at any time in the student's Alleghenycareer, a course related to the MENA region encouraged but not required); study abroad in Jordan or Morocco also encouraged
Senior			

ASL Sequence *(no minor available, but internship opportunities may be available on request)*

	Fall	Spring

	1st Semester	2nd Semester	Either Semester
Sophomore-Senior Year	WLC 100	WLC 200	

French Minor Requirements: A minor in French requires completion of 20 semester credit hours in French, including FRNCH 305 and one other course numbered above 300. Students who test into the program at a higher level must complete 20 credits at the appropriate level for them.

Here is an example schedule for a student who minors in French beginning in French 110:

	1st Semester	2nd Semester	Either Semester
First-Year	SWS 105 French 110/106**	French 120	*Most students should take SWS 105 in the Fall*
Sophomore	French 215	French 225	
Junior	French 305		An additional 300-level French course; possible study abroad?
Senior			

**FRNCH 105 & 106 are 2-credit options for beginners in French. Students with no prior knowledge of French may take 105 as a low-risk way to "try it out," and if they want to finish the semester, they can register for 106 before the Module B Add deadline. Students who have had a bit of French may see "110 or 106" as their placement result; these students can begin French at mid-semester by registering for 106.

German Minor Requirements: A minor in German requires completion of 20 semester credit hours in German, including at least eight credit hours on the 300-level. Students who test into the program at a higher level must complete 20 credits at the appropriate level for them.

Here is an example for a student who minors in German beginning in German 110:

	1st Semester	2nd Semester	Either Semester
First-Year	SWS 105 German 110	German 120	*Most students should take SWS 105 in the Fall*

	German 250	300-level German coursework	
Sophomore	German 250	300-level German coursework	
Junior			300-level German coursework; possible study abroad?
Senior			

Spanish Minor Requirements: A minor in Spanish requires the completion of a minimum 20 semester credit hours in Spanish, including Spanish 220, 230, and 225 and one course at the 300-level. Students who test into the program at a higher level must complete 20 credits at the appropriate level for them. If student places above this level have them contact the Spanish Section head to chart out their minor. *See also the Latin American and Caribbean Studies Minor listed in the "Interdivisional Minor Program" section.*

Here is an example schedule for a student who minors in Spanish beginning in Spanish 110:

	1st Semester	2d Semester	Either Semester
First-Year	SWS 105	Spanish 120	*Most students should take SWS 105 in the Fall*
Sophomore	Spanish 215	Spanish 220/230	
Junior	Spanish 220/230	Spanish 225	Possible study abroad?
Senior			300-level Spanish course

Appendices

Pre-Legal Guidelines

When advising a student interested in Pre-Legal Education, please note the following:

- There is no "Pre-law Major" at Allegheny. Students should be encouraged to choose a Major that is challenging and interesting to them.
- If the student wants to practice e a certain kind of law, it's a good idea to factor that desire into the selection of a major or a minor. A student who wants to practice international law, for example, would be well-advised to develop fluency in at least one foreign language. A student interested in corporate law should have some familiarity with the world of business and economics. A student looking to practice law related to healthcare or technology, should know something about a relevant science.
- Internships and job shadowing can be arranged.
- The Pre-Law Club and Law & Policy program are great ways to explore legal and policy issues, to network with alumni, and to connect with like-minded peers. First-year students are encouraged to enroll in Law & Policy and to become a member of the Pre-Law Club.
- For more information contact the Pre-Law Advisor, K Peterson at kpeterso@allegheny.edu or visit the American Bar Association webpage: https://www.americanbar.org/groups/legal_education/resources/pre_law/3

- The following skills are considered critical for success. Selecting courses and activities to develop these skills should be encouraged.
  - Problem Solving
  - Critical Reading
  - Writing and Editing
  - Oral Communication and Listening
  - Research
  - Organization and Management
  - Public Service and Promotion of Justice
  - Relationship-building and Collaboration
  - Background Knowledge
  - Exposure to the Law

Engineering Guidelines

Advising for the Dual Degree Cooperative (3-2) Engineering Program

Allegheny College does not offer an Engineering Major or degree. However, through cooperative arrangements with other universities students may obtain a Bachelor's degree in engineering and a Bachelor's degree in their Allegheny Major; hence the title, Dual Degree, also referred to as a "3-2" program. Students who participate in this program will complete their first three years at Allegheny (though in some cases students may elect to spend four years at Allegheny). After their junior (or senior) year, they enter the engineering program of one of the cooperating schools. Once they have completed the requirements of the engineering school, which typically takes two years, they will receive Bachelor's degrees from Allegheny and from the engineering school. (Neither degree is granted until the requirements of both Allegheny and the cooperating university have been met.)

Cooperating Schools

- University of Pittsburgh
- Case-Western University (Cleveland)
- Washington University (St. Louis)

Requirements
Allegheny Requirements
During their time at Allegheny students must complete the College's graduation requirements, this includes completing a major, a minor, distributive, and FS requirements. Students who leave Allegheny and enter the engineering program after the junior year are exempted from the Senior Project requirement. Students who stay for their senior year are still required to complete the Senior Project.

Engineering School Requirements
To meet the engineering school requirements students must take specific math and science courses and maintain a specified grade point average (overall and in the required courses) that varies from school to school. While the required courses vary slightly among the cooperating universities and may also depend

upon what field of engineering the student chooses to pursue, they all include 3-5 math courses, depending on first-year placement; 2 physics courses (PHYS 110 & 120 or PHYS 101 & 102); a chemistry course (CHEM 120); and a computer programming course (CMPSC 100 or PHYS 280). **For more specific requirements students need to consult with the Cooperative Engineering Coordinator.**

Advising for entering first-year students interested in engineering:
 Incoming first-year students interested in engineering should enroll in either Math 140, 141, 151, or 152, depending on placement, in the fall of their first year. **If they placed in Math 141 or higher, they should also take PHYS 110 or 101 their first semester.** If they placed into Math 140 they might consider also taking CMPSC 100.

FAQ for Engineering
What courses should students in the dual degree program take their first year?
As students need to complete the cooperating school's requirements during their first three years (unless they opt to stay for four years at Allegheny) it is important that they begin taking the required courses as soon as possible. **This means that it is essential that students interested in the program enroll in the math class recommended by the placement exam, either Math 140, 141, 151, or 152 in the fall semester of their first year. Students placing in Math 141 or higher should also enroll in PHYS 110 in the fall.** Second semester students should continue to the next math and physics courses. CHEM 120 is also required, but that does not need to be taken the first year. Any questions regarding course selection should be directed to the Cooperative Engineering Coordinator.

Can students declare a "Pre-Engineering" Major?
No, this is not an option at Allegheny. Students must declare and complete an approved Allegheny Major during their three (or four) years here.

What is the best Major for the dual degree program?
The cooperating schools do not require a particular major, only that you complete the required courses and attain the specified GPA. However, given the overlap between the program requirements and departmental major requirements, it is generally easier to complete certain majors. In particular, students considering civil, mechanical, aeronautical, or electrical engineering should consider majoring in either physics or mathematics. Those interested in chemical engineering should consider chemistry as a major.

When does a student have to commit to the dual degree program?
Students begin formal application to the program during the fall or spring of their junior or senior year, but there is no actual commitment until the student enrolls in the cooperating school's engineering program. However, students interested in engineering should meet with the Cooperative Engineering Coordinator during their first semester and as needed after that.

Are there other options for students interested in engineering?
Yes, there are several. Within the cooperative programs there is an option to also apply for an accelerated Master's program which typically requires another year, beyond the two years usually required for the Bachelor's degree. Another option that Allegheny students regularly pursue is to bypass the Bachelor's in engineering degree and during their senior year apply directly from Allegheny to Master's in engineering programs at schools of their choice. Students who graduate from Allegheny with a BS in Math, Physics,

or Chemistry and a strong academic record are regularly accepted into Master programs at a range of engineering schools. Consult with the Cooperative Engineering Coordinator for details.

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Pre-Health Guidelines

First-Year Course Registration Advice for Students Interested in the Health Professions

Students interested in health professions (human medicine, dentistry, veterinary medicine, nursing, PA, PT, OT, pharmacy, etc.) have many curricular options. Although there are certain courses students must take to prepare for the MCAT exam or to be considered for admission to health science post-graduate programs, pre-health students can major in any discipline, not just the natural sciences. Detailed information about pre-health programs and the support Allegheny provides for pre-health students can be found at http://sites.allegheny.edu/health. Students interested in pre-health professions should arrange to meet with the pre-health advisor in the Center for Student Success early in their first year to discuss their specific interests.

If you are a pre-health student, you should enroll in courses that are intrinsically interesting to you while adhering to the following guidelines:

1. Math courses:

1. If you place into MATH 151 or higher, take MATH 151 or the higher level course into which you have placed.
2. If you place into MATH 140, and if you are interested in majoring in biochemistry, chemistry, mathematics, or physics, take MATH 140 in the Fall followed by MATH 141 in the Spring. You will then need to take MATH 152.
3. If you are not interested in one of the Majors mentioned above, then taking MATH 140 and 141 will be sufficient. You may, of course, continue, but you will not need to do so for your Major or to satisfy a medical school requirement

2. Introductory Chemistry:

1. If you place into MATH 151 or higher and are considering a Major in biology, biochemistry, neuroscience, or chemistry, take introductory chemistry in the fall (CHEM 120). If you are not interested in majoring in these areas and there are other fall courses that interest you more, you may defer CHEM 120 to the spring semester.
2. If you place into MATH 140, you will need to complete the course with a C or better to be allowed to take CHEM 120 in the second semester. You should be enrolled in MATH 141 when you take CHEM 120.

3. Biology: If you are planning to Major in Biology, you may begin taking biology classes as soon as you wish. If you plan to major in another discipline, then take the biology courses as your schedule allows.

4. English Literature: English literature is a requirement for medical professional schools, and we recommend that you complete it as soon as your schedule allows, and no later than the end of your sophomore year. Many first and second year students find that a literature course (English 110, 111, 112, 113, 114, 115, 116, 117, or 118) provides welcome variety to their schedule, which is often heavily weighted in the sciences.

5. Psychology: The current MCAT includes a behavioral science section. Additionally, behavioral science courses are required for some professional school programs. Our students have found PSYCH 162 (Human Social Behavior) to be especially helpful in preparing for the MCAT. Other helpful courses for the MCAT include PSYCH 110 and PSYCH 172.

Sample First-Year Schedules for Pre-Health Students		
Pre-Health Students Beginning in MATH 140	**Fall of First-Year** LS 120 SWS 105 MATH 140 BIO 220 Elective*	**Spring of First Year** LS 121 MATH 141 CHEM 120 BIO 221 or Elective* Elective*
Pre-Health Students placing in MATH 151--Biochemistry, Chemistry, Math, Physics Majors	**Fall of First-Year** LS 120 SWS 105 MATH 151 CHEM 120 Elective*	**Spring of First-Year** LS 121 MATH 152 CHEM 122 BIO 220 or elective Elective

Pre-Health Students placing in MATH 151--Biology, Neuroscience Majors	Fall of First-Year LS 120 SWS 105 MATH 151 CHEM 120 Elective*	Spring of First-Year LS 121 CHEM 122 BIO 220 or NEURO 110 Elective* Elective*
Pre-Health Students placing in MATH 151--all other Majors	Fall of First-Year LS 120 SWS 105 MATH 151 Elective (or start CHEM 120) Elective (or start BIO 220)	Spring of First-Year LS 121 CHEM 120 (or CHEM 122 if CHEM 120 is taken 1st semester) BIO 220 Elective* Elective*

*Consider taking English 100-level literature course and/or PSYCH 100-level course.

Registrar's Office Forms

The Registrar is responsible for maintaining academic records, candidate certification for bachelor's degree, record distribution, grade reports, ordering diplomas, registration and course schedules. You should visit the Registrar's Office website, if you need the following:

Credit/No Credit
Major/Minor Forms

- Declare Major/Minor Form
- Change Major Form
- Change Minor Form

Change in *Academic Bulletin* Form
Course Conflict Form
Self Designed Major/Minor Forms