



GSSM Course Offerings for 2024-2025

The GSSM Course Schedule is a resource for students, faculty, and staff to find which courses will be offered in the coming academic year. This schedule should be used with the [GSSM Course Catalog](#), which has much more information about GSSM academics.

As you read through the course offerings be sure to consider the following elements:

- 1] Number of semesters. Some courses, like CSC 230 Data Structures and Algorithms, are one-semester courses. Others, like ASL101 Introduction to American Sign Language 1, are year-long courses. Yet other courses, like CHE 201 and 202 AP Chemistry, are two-semester course sequences.
- 2] Level of the course. Some courses, like BIO 202 AP Biology, are AP courses. These are clearly marked with the letters "AP" after the course numbers. Other courses, like SPA 703 Topics in Hispanic Culture and Linguistics, are listed as "Above AP". Above AP means that the course requires an AP course as a prerequisite or there is no AP course sanctioned by College Board in that area. Some courses, like ECON 210 Principles of Economics. Macroeconomics, are listed as "Dual Credit". Any course not designated as AP, Above AP, or Dual Credit, is at the honors level. An example of an honors level course is MUS110 Chamber Orchestra 1.
- 3] Prerequisites. Some courses are only available to students who have taken other courses previously. Make sure you check the course descriptions in the GSSM Course Catalog, which lists pre- or co-requisites for all courses, to see if you are allowed to take a course. If you haven't met the prerequisites, you won't be allowed to take the course.
- 3] Course format (in-person/virtual]. Most courses are offered live in-person. However, some courses are offered in other formats. Any course offered in a different format will be designated appropriately. For example. ENGIN 209 Biomedical Engineering is listed as a virtual course.



GSSM Course Offerings by Academic Department and Semester 2024-2025

Biology (BIO)

Fall	Spring
BIO 202 AP Biology	BIO 201 AP Biology
BIO 302 Marine Biology <i>(above AP or DC)</i>	BIO 305 Introduction to Microbiology <i>(above AP or DC)</i>
BIO 303 Molecular Biology <i>(above AP or DC)</i>	BIO 306 Neuroscience <i>(above AP or DC)</i>
BIO 304 Human Anatomy and Physiology <i>(above AP or DC)</i>	BIO 307 Genetics <i>(above AP or DC)</i>
BIO 311 Medical Mycology <i>(above AP or DC)</i>	BIO 308 Botany <i>(above AP or DC)</i>
RES 406 Research in Hydroponics	RES 405 Research in Restoration Ecology <i>(above AP or DC)</i>
	RES 406 Research in Hydroponics
	RES 407 Research in Soil Microbiota <i>(above AP or DC)</i>

Chemistry (CHE)

Fall	Spring
100 Principles of Chemistry: year-long	
201 AP Chemistry	202 AP Chemistry
203 DE Chemistry <i>(dual credit with FMU)</i>	204 DE Chemistry <i>(dual credit with FMU)</i>
304 Analytical Chemistry <i>(above AP or DC)</i>	300 Introduction to Organic and Biochemistry <i>(above AP or DC)</i>
401 Research in Microwave Spectroscopy	308 Introduction to Inorganic Chemistry <i>(above AP or DC)</i>
403 Research in Computational Drug Design	403 Research in Computational Drug Design

Chinese (CHI)

Fall	Spring
101 Introduction to Chinese I <i>(dual credit with Coker)</i>	102 Introduction to Chinese II <i>(dual credit with Coker)</i>
201 Intermediate Chinese III <i>(dual credit with Coker)</i>	202 Intermediate Chinese IV <i>(dual credit with Coker)</i>

**Computer Science (CSC)**

Fall	Spring
101 AP Introduction to Computer Science	102 AP Advanced Computer Programming
110 Computer Science I: Python for Scientist <i>(dual credit with Coker)</i>	110 Computer Science I: Python for Scientist <i>(dual credit with Coker)</i>
160 Introduction to Computer Networking	202 Game Design, Prototyping and Production
220 Interactive Visual Programming using Processing	230 Data Structures and Algorithms
230 Data Structures and Algorithms	260 CyberSecurity Fundamentals
270 Introduction to Database Design	320 Data Science
311 Computer Science II: C/C++ Applications <i>(dual credit with Coker)</i>	340 Introduction to Artificial Intelligence
403 Research in Computational Mathematics	

Engineering (ENGIN)

	Fall	Spring
Introductory	201 What is Science, Technology, and Engineering?	
	205 Applications of Engineering Design	
	CSC402 Robotics	
Intermediate	102 Engineering Disciplines and Skills <i>(dual credit with Coker)</i>	102 Engineering Disciplines and Skills <i>(dual credit with Coker)</i>
	105C Introduction to Civil Engineering I	106C Introduction to Civil Engineering II
		207 Engineering: Electronics
		208 Engineering Design and Modeling <i>(dual credit with Coker)</i>
Advanced	141 Computer Programming 1 with MATLAB <i>(dual credit with Coker)</i>	141 Computer Programming 1 with MATLAB <i>(dual credit with Coker)</i>
		206 Engineering Mechanics: Statics
		210 Engineering: Product Design (Project Design)
	402 Research in Multimodal Transportation Systems	



English (ENG) Note: All GSSM Juniors take English 111 and English 112

Junior English

Fall	Spring
111 English Composition and Rhetoric I <i>(dual credit with Coker)</i>	112 English Composition and Rhetoric II <i>(dual credit with Coker)</i>

Senior English

Fall	Spring
201 Senior English I of Literature <i>(dual credit)</i>	202 Senior English II <i>(dual credit)</i>

English Electives

Fall	Spring
215D Writing in STEM <i>(dual credit with Coker)</i>	208 AI and the Future of Writing
220 Truth and Consequences <i>(dual credit with Coker)</i>	304 Introduction to Film
306 African American Literature <i>(above AP or DC)</i>	305 Studies in Creative Writing: Fiction <i>(above AP or DC)</i>
307 Studies in Creative Writing: Nonfiction <i>(above AP or DC)</i>	310 Gender Studies <i>(above AP or DC)</i>
309 Topics in Science Fiction: Literature	313 Eco-Fiction <i>(above AP or DC)</i>
312 Shakespeare	

French (FRE)

Fall	Spring
	101 French I: year-long
	201 French II: year-long
	301 French III: year-long
	401 French IV: year-long
	601 AP French: year-long

**General Science (SCI)**

Fall	Spring
SCI 301 AP Environmental Science	

German (GER)

Fall	Spring
	200 German II: year-long
	300 German III: year-long

Government, Economics and Finance (HIS, ECON & EFI)

Fall	Spring
HIS 201 Government/Economics also available summer (mid-June to end of July) and interim	HIS 201 Government/Economics also available summer (mid-June to end of July) and interim
HIS 202 AP US Government	HIS 203 AP Comparative Government
ECON 211 Principles of Economics: Microeconomics (dual credit with FMU) (virtual synchronous course)	ECON 210 Principles of Economics: Macroeconomics (dual credit with FMU) (virtual synchronous course)

History (HIS)

Fall	Spring
	101 AP US History
202 AP US Government	203 AP Comparative Government
306 Ethics, Beauty, and the Environment	309 The Civil War and Reconstruction
317C Colonial Latin America	313 The Sizzling Sixties



Mathematics (MAT) Note: Juniors are placed in their math classes by placement.

	Fall	Spring
Pre-Calculus Sequences	101 Essentials for Calculus: year-long	
	102 Foundations 1 for Calculus	103 Foundations 2 for Calculus
	111 Concepts 1 for Calculus	112 Concepts 2 for Calculus
Calculus Sequences	200 Calculus with Applications: year-long (Seniors only)	
	230 Prep for DE Calculus I	231 Calculus I <i>(dual credit with Coker)</i>
	231 Calculus I <i>(dual credit with Coker)</i>	232 Calculus II <i>(dual credit with Coker)</i>
Upper Level Electives	304 AP Probability and Statistics	305 AP Applied Statistics
	232 Calculus II (pre-requisite 230/231 sequence) <i>(dual credit with Coker)</i>	312 Ordinary Differential Equations <i>(above AP or DC)</i>
	301 Linear Algebra <i>(above AP or DC)</i>	302 Abstract Algebra <i>(above AP or DC)</i>

Music (MUS)

Fall	Spring
110 Chamber Orchestra 1	110 Chamber Orchestra 1
111 Chamber Orchestra 2	111 Chamber Orchestra 2
120 Concert Choir 1	120 Concert Choir 1
121 Concert Choir 2	121 Concert Choir 2
210 Chamber Orchestra 3	210 Chamber Orchestra 3
211 Chamber Orchestra 4	211 Chamber Orchestra 4
220 Concert Choir 3	220 Concert Choir 3
221 Concert Choir 4	221 Concert Choir 4
301 AP Music Theory: year-long	

**Physics (PHY)**

Fall	Spring
161 General Physics I <i>(dual credit with FMU)</i>	162 General Physics II <i>(dual credit with FMU)</i>
201 AP Physics C: Mechanics	202 AP Physics C: Electricity & Magnetism
211 Physics in the Arts	212 Physics of Sports
301 Modern Physics <i>(above AP or DC)</i>	203 Fluids, Thermo and Optics <i>(above AP or DC)</i>

Psychology (PSY)

Fall	Spring
	301 AP Psychology
SCI 303 Introduction to Social Science Research Methods	RES TBD Research in Quantitative Social Science

Research & Inquiry (RES)

Fall	Spring
RES 401 Mentored Summer Research <i>(above AP or DC)</i> <i>(includes summer)</i>	LLS 107 Preparing for Research Experiences
ENGIN 402 Research Multimodal Transportation Systems	
CHE 401 Research in Microwave Spectroscopy	RES 405 Research in Restoration Ecology
CHE 403 Research in Computational Drug Design	RES 406 Research in Hydroponics
MAT 403 Research in Computational Mathematics Assisted Proof Writing	RES 407C Research in Soil Microbiota
RES 406 Research in Hydroponics	RES TBD Research in Quantitative Social Science
RES 410 Advanced Research & Inquiry Communication	

Spanish (SPA)

Fall	Spring
	201 Spanish II: year-long
	301 Spanish III: year-long
	401 Spanish IV: year-long
	601 AP Spanish: year-long

**Spanish (SPA) continued**

Fall	Spring
704 Advanced Spanish Studies <i>(above AP or DC)</i>	703 Topics in Hispanic Culture and Linguistics <i>(above AP or DC)</i>

Visual Arts (ART)

Fall	Spring
110 Ceramics I	110 Ceramics I
111 Ceramics II	111 Ceramics II
120 Painting I	120 Painting I
121 Painting II	121 Painting II
201 Advanced Studio Art I	201 Advanced Studio Art I
202 Advanced Studio Art II	202 Advanced Studio Art II
203 Advanced Studio Art III	203 Advanced Studio Art III
204 Advanced Studio Art IV	204 Advanced Studio Art IV
301 AP Art History	

[GSSM students are automatically registered for the following seminars:](#)

Junior Seminar Series (LLS)

Fall	Spring
101 Life and Leisure Skills	103 College Planning Seminar I
102 Academic Transition	105 Everyday Survival Skills
	106 Public Speaking
	107 Preparing for Research Experiences

Senior Seminar Series (LLS)

Fall	Spring
104 College Planning Seminar II	