



Create
COMMUNITY

2024-2025

GUSTAVUS ADOLPHUS COLLEGE

Advising & Registration Manual

Welcome to Gustavus Adolphus College!



As Provost, I am responsible for oversight of the academic program of the College, and I can't wait for you to experience Gustavus firsthand. Gustavus is listed among the top 75 liberal arts colleges nationally and it won't take you long to see why!

Our goal during the new student registration process is to ensure that your fall schedule provides a strong start on your academic journey at Gustavus. Up until now, your primary Gustavus relationship has been with an admission counselor. Moving forward, you will have the opportunity to engage with professors, faculty advisors, and professionals from across campus to help enhance your academic experience. First, you will submit your registration preferences so that we can create your initial course schedule. Next, you will review your schedule with an advisor during *Gustie Gear-Up!* in June. Finally, please know that first-year students will have at least one class with their formal academic advisor (the professor of their First-Term Seminar) during the fall semester, thus you will be able to review your fall course schedule again before classes begin. Through your Gustavus academic experience, we hope that:

- You will be surprised by interests and abilities you didn't know you had.
- You will do your best work, whether for your major, general education, or elective courses.
- You will take courses that open up new ways of thinking.

We are excited that the class of 2028 will be the inaugural class to engage in our newly revised academic program, including our new Signature Experience requirement. SigX serves as a bridge, connecting your academic pursuits to your future career, offering immersive, practical, cultural, and hands-on learning experiences through four options: internships, research, study away, or course-based experiential education.

We wish you all the best as you embark on this great educational adventure!

A handwritten signature in black ink that reads "Brenda S. Kelly". The signature is fluid and cursive.

Brenda Kelly
Provost and Dean of the College

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Using the Advising & Registration Manual (ARM)

The ARM is your guide to new student registration. It is full of information and resources, from how to submit your registration preferences to sample beginnings for majors and pre-professional interests.

Throughout the ARM there are links to the Gustavus website, where the updated information and details that would overwhelm this guide can be found. So, sit down with your favorite electronic device and submit your registration preferences! For more information and to view the ARM online go to: gustavus.edu/asc/firstyearregistration.php.

The Registration Process

To submit your registration preferences, follow the enclosed Submitting Registration Preferences worksheet. Go online to your Enrollment Checklist at gustavus.edu/firstyear/checklist and submit your Registration Preference form in order to tell us your preferences for your class schedule.

KEEP THESE THINGS IN MIND:

- You are not directly registering for your fall semester classes. You are submitting your registration preferences so that a Gustavus advisor can create your initial class schedule.
- You will be registered for fall semester only. You will then choose your spring semester classes later this fall.
- You will be registered for at least 15 credits but not for more than 19. Majors that should be started immediately in the fall include Biochemistry and Molecular Biology, Biology, Chemistry, Computer Science, Elementary and Secondary Education, Math, Music, Non-English Languages, Nursing, Physics, and sciences for pre-professional interests.
- You will have the opportunity to receive, discuss, and make adjustments to your class schedule at *Gustie Gear-Up!* in June. You will also discuss your class schedule with your academic advisor during New Student Orientation in September.

DEFINITIONS:

- Most Gustavus classes are 4 **credits**. 128 credits are needed for graduation.
- A **major** is a planned set of courses to give you enough depth to be prepared for a career, graduate school, or a professional school. You may declare your major anytime after your first semester.
- A **pre-professional interest** (e.g., pre-med, pre-law) is not a major. You choose a major from one of our departments and also take recommended courses to prepare for the professional schools' admission requirements.
- A **minor** is about half of a major, so there isn't the depth or expertise of a major. A minor is not required for graduation.
- **Electives** are interesting courses that you choose to take to enrich your college education. Electives count toward the 128 credits needed for graduation.

Graduation Requirements

1. Successful completion of 128 credits.
2. Two years (64 credits minimum) are required in residence, including the senior year.
3. All General Education requirements. (See Challenge Curriculum below.)
4. Completion of a Signature Experience.
5. An approved major.
6. A cumulative grade point average of 2.000 or higher.

THE CHALLENGE CURRICULUM:

The Challenge Curriculum course requirements are intended to ensure that each student has had a broadly based liberal arts education.

1. **First-Term Seminar:** As part of their first semester course schedule, Challenge Curriculum students entering Gustavus Adolphus College as first-year students enroll in one course designated FTS-100: First-Term Seminar. The FTS is a small, discussion-based course that introduces students to skills and habits central to the liberal arts: critical thinking, writing, speaking, and recognizing and exploring questions of values. The FTS professor will serve as the academic advisor until the student declares a major. A list and description of FTS offerings is published for entering students before registration.
2. **Liberal Arts Courses:** Students completing the Challenge Curriculum must complete courses from each of the five designated general education areas.

A Challenge Curriculum course teaches the principles of a particular domain of study, provides its context, questions its values, and builds bridges towards other disciplines.

- A. Arts (**ARTSC**)
 - B. Humanities (**HUMN**)
 - C. Natural Science (**NTSCI**)
 - D. Human Behavior and Social Institutions (**HBSI**)
 - E. Religious Studies and Philosophy (**RSAP**)
3. **Living in the World:**
 - A. Completion of one course designated Quantitative and Analytical Reasoning (**QUANT**).
 - B. Completion of one course designated US Identities and Differences (**USIDG**).
 - C. Completion of one course designated Global Affairs and Cultures (**GLAFC**).
 - D. Completion of the Non-English Language Requirement. Students will take at least 1 semester of Non-English language AND reach equivalency through

college-level 102 level or higher, or demonstrate fluency in a language other than English.

4. **Challenge Seminar (CHAL):** The Challenge Seminar, normally taken in the second or third year of study, bookends the First-Term Seminar by providing students an opportunity to collaboratively examine and propose responses to enduring and contemporary questions or challenges from an interdisciplinary perspective.

AP, IB, CIS, PSEO & Other Credits

ADVANCED PLACEMENT

A score of four or above will give you college credit. Go to gustavus.edu/admission/majors/credit.php to see which Gustavus courses are equivalent to your AP exams. List the AP exams for which you scored a 4 or higher on your online Registration Preference form. **Then, ask the College Board to send your official scores to the Gustavus Admission Office as soon as possible.** Advisors will take your scores into account when constructing your class schedule. If schedule adjustments need to be made for late-arriving scores, the Registrar's Office will contact you well in advance of your arrival in the fall.

INTERNATIONAL BACCALAUREATE

A score of four or above on a higher-level IB exam will give you college credit. Go to gustavus.edu/admission/majors/credit.php to see which Gustavus courses are equivalent to your IB exams. List the higher-level IB exams for which you scored a 4 or higher on your online Registration Preference form. **Then, ask International Baccalaureate to send your official scores to the Gustavus Admission Office as soon as possible.** Advisors will take your scores into account when constructing your class schedule. If schedule adjustments need to be made for late-arriving scores, the Registrar's Office will contact you well in advance of your arrival in the fall.

CIS, PSEO & OTHER CREDIT

Students who have taken college courses through a post-secondary education program at accredited colleges and universities, such as College in the Schools (CIS) or Postsecondary Enrollment Options (PSEO), normally may transfer such work to Gustavus if those courses meet other requirements for credit stated in the academic catalog. **To receive CIS, PSEO, or other credit, you must ask the college or university that granted you credit to send an official transcript to the Gustavus Admission Office as soon as possible.** Be sure to also list the college courses you've earned on your online Registration Preference form.

Placement Exams

CALCULUS PLACEMENT

Visit gustavus.edu/mcs/CalcPlacementExam.php to determine if you need to take the Calculus Placement Exam. Students who are considering taking calculus this fall and/or who choose a major or pre-professional program that requires calculus must take the exam unless they meet very specific criteria defined in the online instructions. If you have followed the link above and you still have questions regarding calculus placement, please email calculus-placement@gustavus.edu.

CHEMISTRY PLACEMENT

Students who are considering taking chemistry this fall and/or who choose a major or pre-professional program that requires chemistry must take the Chemistry Placement Exam. Visit gustavus.edu/chemistry/chemistryplacementexam/ to take the placement exam. If you have followed the link above and you still have questions regarding chemistry placement, please email chemistry-placement@gustavus.edu.

LANGUAGE PLACEMENT

New Gustavus students are strongly encouraged to either continue or begin non-English language studies in the fall semester. Why? If you plan further study of a language you have already taken, it is essential to build on that foundation and you will find college-level study more manageable than if you wait. It's also a good idea to start right away to give yourself the most options for choosing that language as an eventual major or minor.

Gustavus does not utilize a language placement exam.

Instead, a student's previous experience with a language is used to determine appropriate course placement:

- Students with no or less than one year of classroom experience in the language that they'd like to learn may register at the 101 (beginning) level. Gustavus offers French, Greek, Japanese, Latin, Russian, Spanish, and Swedish.
- Students who wish to continue a language for which they have more than one year of classroom experience (but who DO NOT already have college credit for that language from AP, IB, PSEO, CIS, or transfer credit) will be placed in the appropriate course based on their previous experience.
- Students who wish to continue a language for which they have previous experience (and for which they DO already have college credit from AP, IB, PSEO, CIS, or transfer credit) will be placed in the next sequential language course that follows their incoming transfer credit.

Visit gustavus.edu/academics/mlc/languagecoursereq.php for more information about language placement.

Faculty Advisors

Every student at Gustavus has a faculty advisor throughout their time at the College. The Academic Support Center (ASC) is also staffed with professionals who can assist you at any time in partnership with your faculty advisor.

Your First-Term Seminar (FTS) professor will be your advisor for at least the fall semester and until you are ready to declare your major and secure an advisor from your major department. They will familiarize you with campus resources, highlight opportunities in which you can excel, and help you plan and approve your registrations for subsequent terms.

Programs of Study

Consult major and minor (gustavus.edu/academics/undergraduate) and departmental (gustavus.edu/academics/departments) websites for more information about each of these programs. Consider these major and pre-professional course recommendations when completing your online Registration Preference form.

ART STUDIO & ART HISTORY (ART)

gustavus.edu/art

Fall

ART102 Why We Make Things: History of Innovation **or**
ART110 Drawn Connections and Visual Narratives **or**
ART115 Beyond Brushstrokes; Navigating Contemporary Creativity in the 21st Century **or**
ART121 Sculptural Modes: 3-Dimensional form, Process, and Technology Based Media **or**
ART141 Form and Surface, Developing Ceramic Techniques **or**
ART156 Narrative and Beyond: Video Art I **or**
ART158 Constructing the Image: Digital Photography I

Spring

ART110 Drawn Connections and Visual Narratives **or**
ART115 Beyond Brushstrokes; Navigating Contemporary Creativity in the 21st Century **or**
ART120 Design + Color **or**
ART121 Sculptural Modes: 3-Dimensional form, Process, and Technology Based Media **or**
ART141 Form and Surface, Developing Ceramic Techniques **or**
ART172 Observation + Invention with Acrylic: Painting I

BIOCHEMISTRY & MOLECULAR BIOLOGY (BMB)

gustavus.edu/academics/undergraduate/biochemistry-and-molecular-biology/

First-year students interested in the BMB major generally start on one of two paths. Students will normally register for *both* BIO110/111 and CHE110/111* when they have the following: 1) A and B grades in high school biology and chemistry courses; 2) a passion and excitement for biology and chemistry that will sustain hours of studying to achieve mastery; and 3) ACT science sub-score of 25 or above, or SAT composite (CR and Math) of 1150 or above (if submitted). If students do not yet have these, we encourage them to register for either CHE105/106 or CHE110/111* during their first semester. Taking only chemistry during the first semester will delay when a student can take certain upper-level classes, however, it may be a strategy that better supports a student's academic success in the long run. Students should contact Dr. Heather Haemig (hhaemig@gustavus.edu) or Dr. Janie Frandsen (jfrandsen@gustavus.edu) to ensure accurate advising for completing the BMB major within four years.

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

Path for students who meet the criteria listed above:

Fall

CHE110/111 General Chemistry with lab **and**
BIO110/111 Principles of Biology with lab (offered fall semester only)

Spring

CHE120/121 Organic Chemistry I with lab **and**
BIO120/121 Organismal Biology with lab (offered spring semester only; can be taken without BIO110/111)

Path for students who do not meet the criteria listed above:

Fall

CHE110/111 General Chemistry with lab **or**
CHE105/106 Foundations of Chemistry I with lab

Spring

CHE120/121 Organic Chemistry I with lab
(consult an advisor) or
CHE107/108 Foundations of Chemistry II with lab **and**
BIO120/121 Organismal Biology with lab (offered spring semester only; can be taken without BIO110/111)

BIOLOGY (BIO)

gustavus.edu/biology

Students interested in the biology major will typically register for *both* BIO110/111 and CHE110/111* with the expectation that they consider the following criteria: 1) Strong grades (A and B) in high school biology and chemistry courses; 2) a motivation and excitement for biology and chemistry that will sustain studying outside of class to achieve mastery; and 3) ACT science sub-score of 25 or above, or SAT composite (CR and Math) of 1150 or above (if submitted).

Students exploring a Biology, BMB and/or ES major, but concerned about taking more than one science class in their first semester (especially if they do not meet the criteria above), are encouraged to register for either BIO110/111 or CHE110/111*. Taking one or the other of BIO110/111 or CHE110/111* during the first semester will delay when a student can take certain upper-level classes, but for some students it may better support their long-term academic success. If this option is chosen, with careful planning, students can still complete a Biology major within four years via multiple pathways.

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

Fall

BIO110/111 Principles of Biology with lab (offered fall semester only) **and/or**

CHE110/111* General Chemistry with lab **or**

CHE105/106 Foundations of Chemistry I with lab

Spring

BIO120/121 Organismal Biology with lab (offered spring semester only; **and/or**

CHE120/121 Organic Chemistry I with lab **or**

CHE107/108 Foundations of Chemistry II with lab

BUSINESS & ECONOMICS (B/E)

gustavus.edu/econ-mgmt

All B/E students are advised to take at least one departmental core course (B/E107, B/E110, B/E160) in their first semester and to complete the departmental and math cores in their first three semesters. Core courses can be prioritized based on preferred major (B/E107 for Economics, B/E110 for Accounting, B/E160 for Management). MCS142 Intro to Statistics is also a good option in fall or spring.

Common departmental core courses:

B/E107 Principles of Economics

B/E110 Financial Accounting

B/E160 Intro to Management

Additional two-course mathematics core:

For Economics Majors

MCS121 Calculus I

MCS142 Intro to Statistics

For Accounting and Business Management Majors

MCS142 Intro to Statistics

B/E150 Applied Business Analytics

CHEMISTRY (CHE)

gustavus.edu/chemistry

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

Fall

CHE110/111 General Chemistry with lab **or**

CHE105/106 Foundations of Chemistry I with lab **and**

MCS121 Calculus I **or** MCS122 Calculus II

(depending on placement)

Spring

CHE120/121 Organic Chemistry I with lab **or**

CHE107/108 Foundations of Chemistry II

and

continue with calculus through MCS122 Calculus II

COMMUNICATION STUDIES (COM)

gustavus.edu/communication

Fall or Spring

COM120 Public Discourse **and**

COM115 Introduction to Media Studies **or**

COM117 Interpersonal Communication

EASTERN EUROPEAN & EURASIAN STUDIES (RUS)

gustavus.edu/academics/undergraduate/russian-and-eastern-european-studies/

Students who have not previously studied Russian should begin their Russian language classes as soon as possible, preferably in the first semester of the first year. Students with previous Russian (or other Eastern European or Eurasian) language experience will be placed into the appropriate level according to that experience. Questions may be directed to Dr. Annalise Rivas (annaliserivas@gustavus.edu).

Students with an interest in Russophone culture and literature may register for 200-level EAS courses taught in English or 200-level History (HIS) courses focused on the region.

EDUCATION (EDU)

gustavus.edu/education

During years one and two, all Teacher Education majors should take courses that apply to the area of an elected endorsement or Challenge Curriculum requirements in addition to the courses listed below that should be taken during the first year. Depending on their language placement, students may choose to take a language during their first year.

Elementary Education majors can complete the ARTSC, GFLAC (possible), HBSI, HUMN, NTSCI, QUANT, and USIDG requirements in the major.

All students considering Education as their major should plan to take EDU268 Career Orientation to Teaching (usually in their first May Term). This course involves shadowing a teacher throughout the month of May.

Fall

COM120 Public Discourse **and/or**

HIS130 American History to the Civil War

PSY100 Introductory Psychology **and/or**

MCS requirements:

- Elementary Education majors: MCS115 Nature of Math **or** MCS142 Intro to Statistics
- Secondary Education majors: Those who have math requirements (e.g. calculus) should take the math needed for their teaching major.

Spring

EDU230 Social Foundations of Teaching and Learning
COM120 Public Discourse **or**
HIS140 American History since the Civil War
PSY100 Introductory Psychology **or**
MCS requirements (listed above)

If students are interested in receiving an endorsement to teach grades 5–8, the following areas of coursework may also be taken during the first year.

Communication Arts/Literature Endorsement Course:

ENG101 Reading in the World
ENG112 Introduction to Creative Writing

Mathematics Endorsement Courses:

MCS121 Calculus I

Social Studies Endorsement Courses:

HIS130 American History to the Civil War
HIS140 American History since the Civil War
GEG101 Introduction to Human Geography
GEG102 World Regional Geography
POL110 U.S. Government and Politics
S/A111 Cultural Anthropology

Science Endorsement Courses:

Fall

CHE110/111* General Chemistry with lab **or**
CHE105/106 Foundations of Chemistry I with lab

Spring

BIO100 Biology Explorations

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

During fall semester of the first year, please contact our placement coordinator to create a detailed four-year plan of coursework.

ENGLISH (ENG)

gustavus.edu/english

Students interested in the English major and becoming English teachers through the Communication Arts and Literature major (CALT) are advised to complete ENG201, and three 100-level English courses—one focused on literature, one film, one in writing—within the first two years of coursework.

ENG201 Foundations in Literary Studies **and**
ENG101 Poetry and Film **or**
ENG110 Writing Process **or**
ENG112 Introduction to Creative Writing **or**
ENG117 British Women Writers **or**
ENG124 US Women Writers **or**
ENG141 Horror Films: Race and Gender **or**
ENG142 Intro to Film Studies

ENVIRONMENTAL STUDIES (ENV)

gustavus.edu/ege

The Environmental Studies major is composed of six core courses as well as additional coursework focused on a specific concentration: Environmental Justice, Living Systems, Earth Systems, or Distributed Environmental Studies. It's not necessary to commit to a concentration right away, so first-year students thinking about Environmental Studies are well served to focus on enrolling in an introductory core course first, then potentially enrolling in a 100- or 200-level course (with no prerequisites) that serves the concentration in which they are most interested. If a student is considering the Living Systems concentration, they should also plan on enrolling in Principles of Biology, which serves as a prerequisite for other courses in that concentration.

Core Courses:

Fall ENV120 Geochemistry of the Environment

Spring

ENV104 Environmental History **or**
ENV131 Environmental Literature

Environmental Justice Introductory Course:

Spring GEG229 Geographies of Energy

Living Systems Introductory Courses:

Fall BIO100/111 Principles of Biology with lab
Spring BIO120/121 Organismal Biology with lab

Earth Systems Introductory Course:

Spring GEO262/263 Evolution of the Earth with lab

Distributed Environmental Studies Introductory Courses:

Fall and Spring REL132 Religion & Ecology

Spring

B/E285 Environmental Economics
GEG229 Geographies of Energy

Other Courses of Potential Interest:

Fall and Spring

COM120 Public Discourse **or**
GEG240 Fundamentals of GIS (not recommended first semester)

Recommended for Living or Earth Systems Concentrations:

Fall and Spring

MCS121 Calculus I **or** MCS142 Intro to Statistics
Fall CHE110/111* General Chemistry with lab **or**
CHE105/106 Foundations of Chemistry I with lab

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

GENDER, WOMEN, & SEXUALITY STUDIES (GWS)

gustavus.edu/gwss

Fall

GWS/ENG103 African Feminisms and Literature **or**

GWS/ENG117 British Women Writers **or**

GWS/ENG124 US Women Writers

Spring

GWS118 Controversies in Feminism **or**

GWS236 Gender, Sexuality, and the Holocaust **or**

GWS/ENG275 Women Writing Africa **or**

GWS/S/A284 Gender and Immigration in the US

GEOGRAPHY (GEG)

gustavus.edu/ege

Fall

GEG101 Human Geography **or**

GEG102 World Geography

Spring

GEG101 Human Geography **or**

GEG102 World Geography **or**

GEG104/105 Environmental Geography with lab **or**

GEG240 Fundamentals of GIS **or**

GEG250 Environment and Society **or**

GEG206/207 Global Climate Change with lab

GEOLOGY (GEO)

gustavus.edu/ege

Fall

GEO110/111 Our Planet: Intro to Earth Science with lab **or**

GEO120/121 Geochemistry of the Environment with lab

and optionally:

CHE110/111* General Chemistry with lab **or**

CHE105/106 Foundations of Chemistry I with lab

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

Spring

GEO212 Evolution of the Earth **or**

GEO271 Earth Materials **or**

GEO362 Climate Change: Geo-Solutions

and optionally:

MCS121 Calculus I (also offered fall semester)

or MCS142 Intro to Statistics

GEO110/111 is also offered in spring semesters. After taking a 100-level GEO course, students may take 200- and 300-level courses in any order.

GREEK, LATIN & CLASSICAL STUDIES (CLA)

gustavus.edu/classics

The department offers five majors:

1) Ancient Greek Studies: requires three semesters of Greek language and five additional courses in the department.

2) Ancient Greek Language: requires five courses in Greek, including one at the 300 level, and four additional courses in the department.

3) Classical Languages: requires five courses in Latin and Greek, four in one language and one in the other, and four additional courses in the department.

4) Latin Language: requires five courses in Latin, including one at the 300 level, and four additional courses in the department.

5) Latin Teaching: requires six courses in Latin, including two at the 300 level, and four additional courses in the department.

An Education major is also required for teaching licensure (see Education Department).

Studying Greek or Latin also fulfills the College's language requirement. Students who have already studied Greek or Latin should consult the language placement information on page 5 of this booklet or contact our department chair.

Fall and Spring

Appropriate *GRE or LAT language course **and** CLA100/200-level course

*GRE101 will be offered in spring semester and GRE102 (beginning Fall 2025) will be offered in fall semester.

HEALTH & EXERCISE SCIENCE (HES)

gustavus.edu/hes

Health & Physical Education (HPE)

Please visit the HPE website for course requirements and information: gustavus.edu/hes/hpe

You do not need a NTSCI or HUMN course, as these areas are covered within the requirements for the HPE major.

If you're planning on being a HPE teacher, you'll need PSY100, EDU268 and EDU230 before applying to the Education program so consider taking one or more of those during your first year.

Fall or Spring

HES207 Motor Learning **and/or**

HES209 History and Philosophy of Health and Physical Education **and/or**

HES232 Elementary PE Content and Methods

If you have questions, please email Dr. Bonnie Reiman (breimann@gustavus.edu) or Dr. Aaron Banks (abanks@gustavus.edu).

Exercise Physiology

Please visit the Exercise Physiology website for course requirements and admission information:

gustavus.edu/hes/exercisephysiology

There are no required courses within the major for first-year students, although a few appropriate courses are listed below. If you have a strong background in Anatomy and Physiology, you may consider HES230 with lab as a first-year, but it is usually recommended to take in fall of sophomore year. You do not need to take a NTSCI or QUANT course, as these areas are covered within the requirements for the Exercise Physiology major.

Fall or Spring

HES222 Applied Human Nutrition **or**
HES219 Exercise Leadership **or**
HES220 Statistics in Exercise Physiology **or**
HES250 Research Methods

If you have questions, please email Dr. Stephanie Otto (sotto@gustavus.edu).

HISTORY (HIS)

gustavus.edu/history

All 100-level courses are appropriate and ideal points of entry for the History major and minor. Some 200-level courses are also appropriate, especially if the student has a strong interest in the subject matter. HIS299, the required methods course, is not appropriate and should be taken in the sophomore year. While AP and IB history courses can be applied toward the total number of courses, they cannot substitute for courses in required geographical or thematic areas.

Students considering majoring or minoring in History are encouraged to discuss the requirements with a member of the History Department and if possible, declare their major or minor in spring semester of their first year in order to be eligible for HIS299 in their sophomore year. Declaring in spring, while not essential, will provide more options in future semesters.

JAPANESE STUDIES (JPN)

gustavus.edu/jpnstudies

You should begin immediately with the language. If you have no previous experience, take JPN101 in fall and JPN102 in spring. If you have previous Japanese language experience, contact Dr. Toshiyuki Sakuragi (sakuragi@gustavus.edu) for a placement assessment.

LATIN AMERICAN, LATINX, & CARIBBEAN STUDIES (LAS)

gustavus.edu/lalacs

You must take at least one language course (in Spanish or French) at the 200 level or above, so if you are starting at the elementary level, you should start immediately.

Fall

MUS205 America's Music **and**
ENG124 U.S. Women Writers **or**

EDU230 Social Foundations **or**
POL250 Politics of Developing Nations

Spring

LAS101 Latinx Literature **and**
S/A284 Gender and Immigration in the U.S. **or**
FRE202 Intermediate French II **or**
SPA202 Crossing Borders

MATHEMATICS, COMPUTER SCIENCE, & STATISTICS (MCS)

gustavus.edu/mcs

All 100-level MCS courses satisfy the QUANT requirement. Linear Algebra (MCS221) and Statistical Computing (MCS240) also satisfy this requirement.

Introduction to Statistical Literacy (MCS114) and Nature of Math (MCS115) satisfy the QUANT requirement, but do not fill any major requirement.

Discrete Mathematics (MCS150) satisfies the QUANT requirement and is a required course for the Math, Computer Science, and Statistics majors. Students planning to enter any of those majors should ideally take MCS150 during their first year.

Mathematics Courses

Students wishing to major in Math or Physics, and who have not had a substantial amount of calculus in high school, should take a calculus course (MCS121, MCS122, or MCS222) in their first semester. Students who need calculus for another major, such as any of the natural sciences, Math Education, or Economics, should take it during their first year. Students who plan to major in Math and have already had substantial calculus should consider taking Discrete Mathematics (MCS150) their first semester.

Typically, students with a year of high school calculus take Calculus II (MCS122). If they have had a particularly strong high school calculus course (such as AP Calculus BC), they should consider taking Discrete Mathematics (MCS150). In rare cases, students may be sufficiently prepared for taking mid-level Math courses such as Linear Algebra (MCS221) or Calculus III (MCS222); in this case, they should consult a professor from the MCS Department.

Students who have had a year of pre-calculus in high school are usually well prepared for Calculus I (MCS121). A student who feels under-prepared from their high school mathematics courses but still needs to take calculus could take a pre-calculus course through another institution.

Students registering for Calculus (MCS121, MCS122) must take a Calculus Placement Exam if they do not have college credit (AP, IB, PSEO, etc) for the prerequisite course at the time of registration. See Calculus Placement instructions on page 5.

Computer Science Courses

Students interested in programming or considering majoring in Computer Science should take Introduction to Computer

Science I (MCS177). Students who have taken AP Computer Science are usually prepared for Computer Science II (MCS178). Students interested in Math or Statistics should also consider taking this in the first year.

Statistics Courses

Introduction to Statistical Literacy (MCS114) should not be taken by students interested in majoring in a field with a statistics requirement. This includes Economics, Management, Accounting, Psychology, and any of the natural sciences. MCS114 should not be taken as a preparation for MCS142.

Students planning to major in Statistics should take Introduction to Statistics (MCS142). MCS142 is also the recommended first course in Statistics for students with a strong mathematical background (e.g., high school calculus, regardless of AP credit) and any student majoring in a field that significantly uses quantitative analysis, especially in science or social science. Students interested in math should consider taking MCS142 in the first year. Students with AP statistics credit should take MCS177 before taking further statistics courses.

For information on four-year plans see the following links.

Math: gustavus.edu/mcs/math-guide.php#plans

Computer Science: gustavus.edu/mcs/cs-guide.php#plans

Statistics: gustavus.edu/mcs/statsguide.php#plans

MODERN LANGUAGES, LITERATURES, & CULTURES (MLC)

gustavus.edu/mlc

MLC offers courses in French, Japanese, Russian, and Spanish. See language placement and equivalency information at the beginning of this manual. Note that to be eligible for Phi Beta Kappa, students need to complete four semesters of a language or equivalent.

If you have previous coursework in a non-English language, it is to your benefit to register for language courses as soon as possible in your freshman year to avoid long gaps. We recommend you register in a language course your first semester at Gustavus. If you cannot, be sure to add it to your second semester registration.

Fall

Non-English Language 101, 201, or 251

Spring

Non-English Language 102, 202, or 252

In the case of Spanish, these courses apply to both fall and spring: 101, 102, 201, 202

For students interested in majoring in a language, enroll in the courses below, provided that you have the required level to do so.

French: FRE251 in fall, then FRE252 in spring

Spanish: Enroll in any 200-level courses above SPA202

For **Russian** and **Japanese**, refer to the Japanese Studies, and Eastern European & Eurasian Studies interdisciplinary programs.

MUSIC (MUS)

gustavus.edu/music

1. If you are planning to be involved in music ensembles or lessons, register for a zero-credit audition(s):

MUS090-001 Voice Audition
MUS090-002 Violin Audition
MUS090-003 Viola Audition
MUS090-004 Cello Audition
MUS090-005 Bass Audition
MUS090-006 Flute Audition
MUS090-007 Oboe Audition
MUS090-008 Clarinet Audition
MUS090-009 Saxophone Audition
MUS090-010 Bassoon Audition
MUS090-011 French Horn Audition
MUS090-012 Trumpet Audition
MUS090-013 Trombone Audition
MUS090-014 Euphonium/Baritone Audition
MUS090-015 Tuba Audition
MUS090-016 Jazz Audition*
MUS090-017 Handbell Audition
MUS090-018 Recorder Audition
MUS090-019 Piano/Keyboard Audition
MUS090-020 Guitar Audition
MUS090-021 Percussion Audition
MUS090-022 Harp Audition

*Students who register for a jazz audition should also register for an audition on their individual instrument or voice.

2. If you are planning to be a Music major:

- Register for auditions (above).
- Register for lessons (200-level) on your instrument or voice.
- Register for Emerging Musician (MUS101).
- Reserve 1.0 course credit in your schedule for a large ensemble registration. You will complete your official registration immediately after auditions in the fall, when you know the ensemble(s) to which you have successfully auditioned.

3. If you are planning to be involved in music but NOT as a Music major:

- Register for auditions (above).
- Consider registering for lessons on your instrument or voice.
- Reserve 1.0 course credit in your schedule for a large ensemble registration. You will complete your official registration immediately after auditions in the fall, when you know the ensemble(s) to which you have successfully auditioned.
- If you received a Music Scholarship, please see requirements below.

Please note: if you received a Music scholarship:

- Register for auditions (above).
- Register for lessons (200-level) on your instrument or voice. This is required of recipients of a Music Scholarship.

VERY IMPORTANT: Auditions take place during Orientation weekend and you will receive your ensemble placement the first week of classes. Ensembles begin at 3:30 p.m. and run into the evening. If you are registering for a class that requires a lab, register for morning or early afternoon sections.

Those interested in a major are encouraged to identify an advisor in the Department of Music during the first year so that a four-year plan can be developed before registering for the second year of classes. If there is even the possibility you will major in Music, you should enroll in MUS101, lessons, and an ensemble in the fall semester of your first year.

About Performance Studies

Music Lessons: (MUS250-285 ARTS)–(1.0 credit)

Individualized instruction is available for any student who wishes to pursue serious study of an instrument or voice. This is an opportunity to work with teachers who are specialists on their instrument. Specifics vary between vocal, instrumental, and keyboard areas, but in general, the goal is to develop musicianship through work on technique, literature, and other performance aspects. Lessons also include supplementary studio classes, recital attendance, and practice requirements. Music majors and at times non-music majors perform recitals during their time of study.

All new students on a scholarship are required to register for lessons on their scholarship instrument, but they must also audition during fall Orientation to validate that registration. Students registering for lessons incur a fee per semester. Any student can register for lessons.

Music Ensembles: (MUS120-190 ARTS)–(1.0 credit)

Performance opportunities in music ensembles exist for individuals with varying amounts of time in their schedules. Ensembles are open to all students by auditions, which occur during fall Orientation. Students have an opportunity to perform for on-campus concerts and events in all of our ensembles. Some ensembles tour each year, regionally, nationally or internationally.

Multiple Performing Areas: Students with more than one performing interest are encouraged to audition in each area. It is possible to participate in more than one area. Music faculty will be happy to guide you through this process. After placement, students will register for MUS199 Multiple Ensembles Registration Pool (1.00 credit).

Instrumental Information: Scholarship ensembles include two concert bands, two orchestras, and two jazz bands. Handbells are also an option for students. Performance at athletic events can occur through a student-led pep band.

Students without their own instrument may be able to rent a school-owned instrument. The rental fee is \$130 per semester. Instruments can be available for audition purposes.

Vocal/Choral Information: Choral ensembles include three choirs, vocal jazz, and chamber ensembles in both classical and pop mediums.

Piano/Keyboard Information: Pianists often accompany as a part of their course of study. Pianists are also involved with large ensembles where applicable. Organ students may have opportunities to perform in chapel.

Auditions: Prepare to have your audition during fall Orientation:

- Register for your audition(s) with your fall classes. Auditions are for zero credit. The Music Department office will send audition requirements and schedules during the summer; approximately July 1. Please watch your Gustavus email address for information!
- Visit gustavus.edu/music for information on audition requirements for your area.

NURSING (NUR)

gustavus.edu/nursing

The Nursing Department offers two pathways for admission to the program:

- 1) Direct Entry Pathway: students were notified of acceptance upon admission to the College.
- 2) Holistic Admission Pathway: students are eligible to apply to the major if they are on track to complete all nine Nursing prerequisite courses by the end of spring semester, typically of the sophomore year. Students are encouraged to express an interest in the Nursing major upon application for admission to Gustavus.

See website for direct entry maintaining criteria and/or holistic admission criteria. Students who want to study away for a semester should plan to do so in their sophomore year. Nursing courses begin in the fall of the junior year, unless the student enters Gustavus with advanced status.

Pre-requisite Courses for Nursing (both pathways):

BIO110/111 Principles of Biology with lab
(offered fall semester only)

BIO218/19 Fundamentals of Microbiology with lab
(offered spring semester only)

CHE105/106 Foundations of Chemistry I with lab
(offered fall semester only)

HES212 Lifespan Development

HES230/231 Human Anatomy and Physiology I with lab
(offered fall semester only)

HES240/241 Human Anatomy and Physiology II with lab
(offered spring semester only)

NUR201 Pre-Health Professions: Interdisciplinary

PSY100 Introductory Psychology

S/A–Student's choice of one Sociology/Anthropology course

PEACE, JUSTICE, & CONFLICT STUDIES (PCS)

gustavus.edu/peacestudies

Students are encouraged to begin the major by taking at least **one course chosen from either of the two groups** of introductory courses from contributing departments, or PCS211 Introduction to Peace Studies. It is recommended that students take PCS211 before taking PCS221 Conflict and Resolution.

Fall and Spring

POL130 International Relations **or**

GEG101 Human Geography

ENG126 Introduction to Ethnic Literatures (offered spring semester only) **or**

REL115 World Religions **or**

S/A111 Cultural Anthropology

PCS211 Introduction to Peace Studies (**fall only**)

PHILOSOPHY (PHI)

gustavus.edu/philosophy

All students new to philosophy are welcome to register for any class at the 100 or 200 levels. Courses at the 100-level are explicitly introductory; courses at the 200-level are more advanced but should still be suitable for particularly interested students. Students considering a major or minor in Philosophy should consider registering for Ancient Philosophy in the fall of their first year.

Fall

PHI201 Ancient Philosophy

Spring

PHI202 Modern Philosophy

PHYSICS (PHY)

gustavus.edu/physics

It is recommended that students who intend to major in Physics or are interested in pre-engineering take PHY200/201 Physics for Scientists and Engineers I with lab, and MCS121 Calculus I (or MCS122 Calculus II or higher if appropriate), in the fall semester of their first year.

High school physics or calculus is not required prior to enrolling in the Physics sequence at Gustavus. Please note that an AP test in physics will not substitute for Physics for Scientists and Engineers as the topics covered are not the same.

Students who have had a year of pre-calculus in high school are usually well prepared for Calculus I (MCS121). A student who feels under-prepared from their high school mathematics courses

could take a pre-calculus course through another institution and then start the Physics sequence in their second year. It is possible for a student to fulfill the minimum graduation requirements for a major in Physics during their final three years at Gustavus.

The recommended course sequence for first-year students with a possible interest in pre-engineering or Physics is:

Fall

PHY200/201 Physics for Scientists and Engineers I with lab **and** MCS121 Calculus I (or MCS122 Calculus II or higher, if appropriate)

Spring

PHY210/211 Physics for Scientists and Engineers II with lab **and** MCS122 Calculus II (if not already completed)

The Department offers the physics component of the pre-engineering and dual-degree programs leading to the B.S. in engineering from a university. Please refer to that section of the academic catalog.

It is very uncommon for incoming first-year students to take General Physics I and II without calculus (PHY120/121 and PHY170/171). The only students who do so would be students who are not planning to major in Physics, and who are intending to major in a pre-health profession.

POLITICAL SCIENCE (POL)

gustavus.edu/poli-sci

Students are encouraged to begin the major by taking at least one introductory course in their first year. These courses can be taken in any order; students who score a four or five on the AP Government and Politics or the AP Comparative Politics exam will receive credit for POL110 and/or POL150. After completing the introductory courses, students normally enroll in Analyzing Politics (POL200) in their sophomore year.

Fall and Spring

POL110 U.S. Government and Politics **or**

POL120 Introduction to Native American Politics **or**

POL130 International Relations **or**

POL150 Comparative Politics **or**

POL160 Political and Legal Thinking

PSYCHOLOGICAL SCIENCE (PSY)

gustavus.edu/psychology

Those intending to major in Psychological Science are encouraged to take PSY100 Introductory Psychology in the fall of their first year. Students who have taken AP Psychology or CIS Introductory Psychology and who wish to major in Psychological Science are advised to take the course at Gustavus rather than apply their AP/CIS credit. Normally PSY224 and PSY225 are completed by the end of a major's second year.

Fall

PSY100 Introductory Psychology (fall or spring)

Spring

PSY224 Statistics & Research Methods I **or**

PSY230 Cognitive Psychology **or**

PSY232 Social Psychology **or**

PSY234 Child Development **or**

PSY238 Brain and Behavior **or**

PSY240 Sensation and Perception **or**

PSY241 Abnormal Psychology

RELIGION (REL)

gustavus.edu/religion

Fall and Spring

REL115 World Religions **or**

REL132 Religion & Ecology **or**

REL210 New Testament **or**

REL214 Individual and Morality (**fall only**)

Students with a strong background in the academic study of religion are also welcome to take REL212 Christian Theologies or REL272 Lutheran and Catholic Diversity in fall, and/or REL252 Interfaith Understanding in fall or spring. All of the listed courses also count for the minor in Religious Diversity and Professional Life.

SCANDINAVIAN STUDIES & SWEDISH (SCA, SWE)

gustavus.edu/scand-studies

Fall

SWE101 Beginning Swedish I **or**

SWE201 Intermediate Swedish I **or**

SWE301 Conversation and Composition: Swedish Short Story **and**

SCA100 Introduction to Scandinavian Life and Culture **or**

HIS218 Early Scandinavia

Spring

SWE102 Beginning Swedish II **or**

SWE202 Intermediate Swedish II **and**

SCA260 Nordic Colonialisms and Postcolonial Studies **or**
SCA/ENV131 Environmental Literature

Students who have studied Swedish or another Nordic language before coming to Gustavus are urged to consult with a member of the Scandinavian Studies Department before selection of language level is made; contact professor Glenn Kranking (kranking@gustavus.edu). Students who have studied in Sweden for a year generally start with SWE201 (Intermediate Swedish). In exceptional cases, well-prepared students may start with Advanced Swedish (SWE301 or 302). Students who have studied Swedish at Concordia Language Villages or a similar language camp should contact the department for placement. Please note that all SCA and HIS courses offered through the department are taught in English; all SWE courses offered through the department are taught in Swedish.

SOCIOLOGY & ANTHROPOLOGY (S/A)

gustavus.edu/soc-anthro

Students who plan to major in Sociology/Anthropology should take S/A111 Cultural Anthropology and S/A112 Introduction to Sociology during their first two years. After finishing these introductory courses, students should begin taking 200-level courses in the department.

Fall and Spring

S/A111 Cultural Anthropology **or**

S/A112 Introduction to Sociology **or**

S/A113 Social Problems/Issues

SPORT MANAGEMENT (SPM)

gustavus.edu/academics/undergraduate/sport-management/

Students interested in majoring or minoring in Sport Management have nothing they are required to take in the fall of their first year. They are welcome to enroll in any of the following courses, which will count towards the major and minor and are appropriate for first-year students.

SPM200 Introduction to Sport Management

SPM202 Facilities and Event Management

CLA110 Ancient Greek and Roman Sport

HES209 History and Philosophy of Physical Education, Health and Sport

PHI122 Sports Ethics

PHI147 Applied Ethics

If you have questions please contact Hayley Russell (hrussell@gustavus.edu)

THEATRE & DANCE (T/D)

gustavus.edu/theatre-dance

Theatre Major and/or Minor

Fall Choose at least one, possibly two. The courses listed below are required for the major or minor in Theatre.

- **For students interested in performance:**
T/D106 Performance I
Auditions for the fall mainstage show take place the first weekend of fall semester. Students who wish to participate in the production should keep rehearsal days/time open:
M,T, Th, F 3:30–5:30pm
- **For students interested in Design and Theatre Technology:**
T/D103 Beginning Experiments in Design
T/D220 Visual Culture

Auditions for the spring mainstage production take place in October before spring registration.

Dance Major

Fall Choose at least one.

- **For students with little or no dance experience:**
T/D102 Beginning Contemporary Modern Dance
T/D104 Beginning Ballet
T/D109 Beginning Dancing Grooves (Jazz)
- **For students with a foundation of dance technique:**
T/D235 Intermediate Contemporary Modern Dance

In addition to a technique class, T/D117 Dance Repertory is for first-year students and is highly recommended.

Spring Choose at least one, possibly two.

- **For students with little or no dance experience:**
T/D102 Beginning Contemporary Modern Dance
T/D122 MEISA (movement-exploration-imagination-sensation-awareness)
- **For students with a foundation of dance technique and for proficient Modern dancers:**
T/D235 Intermediate Contemporary Modern Dance
- **For proficient Ballet dancers:**
T/D234 Intermediate Ballet

Further information about dance courses and technique

proficiency: Students interested in dance should plan to take a technique class during their first semester at Gustavus. If you have had dance experience, T/D235 Intermediate Contemporary Modern (offered every semester) is geared toward the student with previous training in dance, such as ballet, jazz, hip hop, global forms, modern.

T/D102 Beginning Contemporary Modern (offered fall and spring) is the gateway course for the Dance major—if you have not had any previous training/experience. T/D104 Beginning Ballet

(offered in the fall only) is also an option for students with no previous training.

Students with experience in ballet training should take T/D234 Intermediate Ballet (offered in the spring semester only). Students with previous training may register for intermediate-level dance courses only with the permission of the instructor.

Performance Auditions

Watch for further details in your Orientation packet!

Dance: Auditions for final placement for dance technique classes and the Gustavus Dance Company happen during Orientation the weekend before classes begin. The auditions are held immediately following the information session on Theatre and Dance during Orientation weekend. Plan to attend the Theatre/Dance meeting in Anderson Theatre, and then shift to the Kresge Dance Studio for the audition.

- **Fall** student-choreographed (informal) dance concert:
Composition II
Auditions: first week of fall semester
- **Fall** mainstage theatre production: "Our Town"
Auditions: first weekend of fall semester
- **Fall** class theatre production: "The New House"
Production is part of T/D206 Performance II
(Prerequisite T/D106 Performance I)
- **Winter** Dance Concert
Faculty dance piece auditions: first week of fall semester
- **Spring** mainstage musical: "Chicago"
Auditions: November 2024
- **Spring** mainstage theatre production: "B"
Auditions: November 2024
- **Spring** student-produced dance concert: "Shared Space"

Backstage Opportunities

There are many venues where a student can get involved behind the scenes of productions. The most prominent of these are the student-staffed Scenery, Costume, and Lights & Sound shops, which build our mainstage productions. Working in the shops can be a part of a student's on-campus student employment if positions are available and requested by the incoming student. There are also opportunities to work backstage during the show as backstage crew, wardrobe crew, light and sound (and sometimes projections) board operators, and stage managers. Available positions are advertised via our department email list; students should also contact the T/D faculty about their interest in working backstage.

PRE-PROFESSIONAL INTERESTS

If you are considering a pre-professional area, a good place to begin your research is The Office of Health Professions website: gustavus.edu/career/health

Requirements for professional schools vary from school to school and can change year by year. Students must carefully examine the prerequisite requirements of the schools they are interested in to be current and accurate when registering for courses at Gustavus.

The following listing is incomplete. More pre-professional interests can be found in the academic catalog.

The majority of pre-health careers require that you begin science courses your first year. **Before you can register for CHE110/111 or CHE105/106 (both offered fall semester only), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.**

Pre-Architecture

For additional information visit:

gustavus.edu/art/PreArchitectureProgram

Fall and/or Spring

ART110 Drawn Connections and Visual Narratives **or**

ART115 Beyond Brushstrokes; Navigating Contemporary Creativity in the 21st Century

Pre-Athletic Training

For a five-year plan for Gustavus's 3+2 Accelerated Exercise Physiology B.A. and Master of Athletic Training program visit: gustavus.edu/academics/graduate/athletic-training/courses/exphysMAT.php

Students looking to do an Athletic Training masters program after completing their undergraduate degree (for any major) can still use the above planning document to help guide their prerequisite course planning during the first year.

Usually students planning to study athletic training will choose to become Exercise Physiology majors, but any major is possible. First-years are recommended to take BIO110/111 and/or CHEM110/111* or CHE105/106 their first semester. PSY100 is also recommended within the first year.

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

For most athletic training graduate programs, students will need at least one semester of biology, chemistry, psychology and physics. Some schools will require a full-year sequence (biology, chemistry, physics) or two or more courses in those topics (psychology). Getting started on at least one of the science sequences and introductory psychology during the first year is helpful.

Pre-Dental

For additional information and pre-dental four-year plans, visit: gustavus.edu/career/health/Pre-Dental.php

Usually, students interested in pre-dental will register for both BIO110/111 and CHE110/111* their first semester. The Biology (BIO) and Biochemistry and Molecular Biology (BMB) departments list criteria (see BIO or BMB section for criteria) to help determine student readiness to take both courses; if the criterion is not met we encourage you to speak with your registration advisor about your background and an alternative course schedule if needed.

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

Fall

BIO110/111 Principles of Biology with lab (offered fall semester only) **and**

CHE110/111* General Chemistry with lab **or**

CHE105/106 Foundations of Chemistry I with lab **and** PSY100 Introductory Psychology (fall or spring)

Spring

BIO120/121 Organismal Biology with lab (offered spring semester only); **and**

CHE120/121 Organic Chemistry I with lab **or**

CHE107/108 Foundations of Chemistry II with lab **and** MCS121 Calculus I **or** MCS142 Intro to Statistics

Pre-Engineering

Usually students interested in engineering will take the first-year courses in the Gustavus major that most closely aligns with their ultimate choice of engineering sub-field. For example, if chemical engineering is the goal, the student would major in Chemistry, while for other engineering fields the appropriate major choice would be a Physics degree. It is important to begin the Physics and Calculus, or Chemistry course sequence in the fall semester of your first year at Gustavus. Please see the Chemistry or Physics section of this ARM for more information. The standard course sequence for the Physics track includes:

Fall

PHY200/201 Physics for Scientists and Engineers I with lab **and** MCS121 Calculus I (or MCS122 Calculus II or higher, if appropriate)

Spring

PHY210/211 Physics for Scientists and Engineers II with lab **and** MCS122 Calculus II (if not already completed)

For more details on pre-engineering and dual-degree programs leading to the B.S. in engineering from a university, please refer to the Pre-Engineering section of the current academic catalog.

Pre-Law

For additional information visit: gustavus.edu/Pre-Law

Law schools require a college degree or its equivalent for entrance. Prospective law students can pursue any major field of study with no law school prerequisites. Gustavus provides one-on-one pre-law advising through the pre-law advisor and the network of Gustavus alumni practicing law in Minnesota and nationwide. Pre-law students are encouraged to take the Pre-Law Seminar (POL292), offered in the second half of fall semester. This 1.0 credit course is open to all students and can be retaken for credit.

Students with an interest in law might consider taking the following introductory courses in their first year:

COM120 Public Discourse
POL160 Political and Legal Thinking
PHI136 Formal Logic
and/or POL292 Pre-Law Seminar

Pre-Medicine

For additional information and pre-medicine four-year plans, visit: gustavus.edu/career/health/Pre-Medicine.php

Usually, students interested in pre-medicine will register for both BIO110/111 and CHE110/111* their first semester. The Biology (BIO) and Biochemistry and Molecular Biology (BMB) departments list criteria (see BIO or BMB section for criteria) to help determine student readiness to take both courses; if the criterion is not met we encourage you to speak with your registration advisor about your background and an alternative course schedule if needed.

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

Fall

BIO110/111 Principles of Biology with lab (offered fall semester only) **and**
CHE110/111* General Chemistry with lab **or**
CHE105/106 Foundations of Chemistry I with lab **and**
S/A112 Principles of Sociology

Spring

BIO120/121 Organismal Biology with lab (offered spring semester only) **and**
CHE120/121 Organic Chemistry I with lab **or**
CHE107/108 Foundations of Chemistry II with lab **and**
PSY100 Introductory Psychology (fall or spring)

Pre-Occupational Therapy

For additional information and pre-occupational therapy four-year plans, visit: gustavus.edu/career/health/OTGustavusAdolphusCollege.php

Fall or Spring

PSY100 Introductory Psychology **and**
S/A111 Cultural Anthropology **or**
S/A112 Principles of Sociology (fall only) **or**
S/A113 Social Problems (2 S/A courses required for U of M, preference is S/A111 and S/A112)

Pre-Pharmacy

For additional information and pre-pharmacy four-year plans, visit: gustavus.edu/career/health/Pre-Pharmacy.php

Usually, students interested in pre-pharmacy will register for both BIO110/111 and CHE110/111* their first semester. The Biology (BIO) and Biochemistry and Molecular Biology (BMB) departments list criteria (see BIO or BMB section for criteria) to help determine student readiness to take both courses; if the criterion is not met we encourage you to speak with your registration advisor about your background and an alternative course schedule if needed.

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

Fall

BIO110/111 Principles of Biology with lab (offered fall semester only) **and**
CHE110/111* General Chemistry with lab **or**
CHE105/106 Foundations of Chemistry I with lab

Spring

BIO120/121 Organismal Biology with lab (offered spring semester only) **and**
CHE120/121 Organic Chemistry I with lab **or**
CHE107/108 Foundations of Chemistry II with lab **and**
PSY100 Introductory Psychology (fall or spring)

Pre-Physical Therapy

For additional information and pre-physical therapy four-year plans, visit: gustavus.edu/career/health/PT.php

Usually students planning to be a Biology major and pre-physical therapy will register for both BIO110/111 and CHE110/111* their first semester. The Biology (BIO) and Biochemistry and Molecular Biology (BMB) departments list criteria (see BIO or BMB section for criteria) to help determine student readiness to take both courses; if the criterion is not met we encourage you to speak with your registration advisor about your background and an alternative course schedule if needed.

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

Fall

BIO110/111 Principles of Biology with lab (offered fall semester only) **and**

CHE110/111* General Chemistry with lab **or**

CHE105/106 Foundations of Chemistry I with lab **and**

PSY100 Introductory Psychology (fall or spring)

Spring

BIO120/121 Organismal Biology with lab (offered spring semester only; **and**

CHE120/121 Organic Chemistry I with lab **or**

CHE107/108 Foundations of Chemistry II with lab

If possible, it is recommended to take both BIO110/111 and BIO120/121 as well as CHE110/111 and CHE120/21 in the first year if planning on a Biology being a major as they are pre-requisites to BIO250 and BIO260.

Pre-Veterinary

For additional information and pre-veterinary four-year plans, visit: gustavus.edu/career/health/VeterinaryMedicine.php

Usually, students interested in pre-veterinary will register for both BIO110/111 and CHE110/111* their first semester. The Biology (BIO) and Biochemistry and Molecular Biology (BMB) departments list criteria (see BIO or BMB section for criteria) to help determine student readiness to take both courses; if the criterion is not met we encourage you to speak with your registration advisor about your background and an alternative course schedule if needed.

*Before you can register for CHE110/111 or CHE105/106 (**both offered fall semester only**), you must take the Chemistry Placement Exam. CHE105/106 in fall plus CHE107/108 in spring are equivalent to CHE110/111.

Fall

BIO110/111 Principles of Biology with lab (offered fall semester only) **and**

CHE110/111* General Chemistry with lab **or**

CHE105/106 Foundations of Chemistry I with lab

Spring

BIO120/121 Organismal Biology with lab (offered spring semester only; **and**

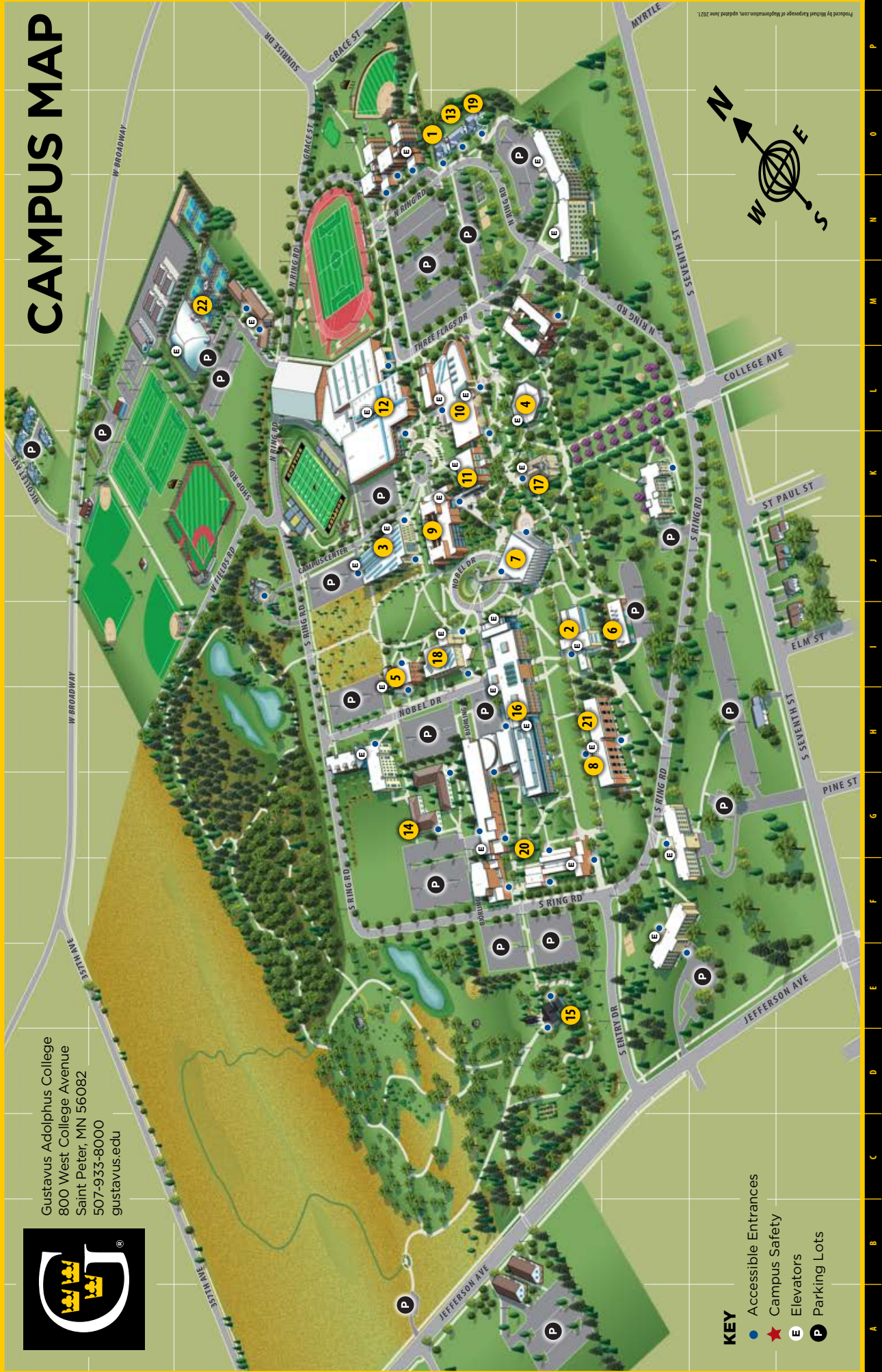
CHE120/121 Organic Chemistry I with lab **or**

CHE107/108 Foundations of Chemistry II with lab



Gustavus Adolphus College
 800 West College Avenue
 Saint Peter, MN 56082
 507-933-8000
 gustavus.edu

CAMPUS MAP



Produced by Michael Kampagne of MapSystem.com, updated June 2021.

- KEY**
- Accessible Entrances
 - ★ Campus Safety
 - ⓔ Elevators
 - Ⓟ Parking Lots

BUILDING KEY

- | | | | | | |
|---|-----|---------------------------------------|----|-----|--|
| 1 | O-6 | Almen-Vickner Guest House | 17 | K-7 | Old Main (OM) |
| 2 | I-7 | Anderson Hall (AH) | 18 | I-6 | Olin Hall (OH) |
| 3 | J-5 | Beck Academic Hall (BAH) | 19 | O-6 | Retreat Center (RC) |
| 4 | L-7 | Carlson Administration Building (CAB) | 20 | G-7 | Schaefer Fine Arts Center (SFA) |
| 5 | I-5 | Carlson International Center (CIC) | 21 | H-8 | Vickner Hall (VH) |
| 6 | I-8 | Central Heating Plant | 22 | M-3 | Wilkinson Tennis Complex (WTC) |
| 7 | J-7 | Christ Chapel (CC) | | | |
| 8 | H-8 | Confer Hall (CH) | | | |
| | | | 9 | J-6 | Folke Bernadotte Memorial Library (FBML) |
| | | | 10 | L-6 | Jackson Campus Center (JCC) |
| | | | 11 | K-6 | Johnson Student Union (JSU) |
| | | | 12 | L-5 | Lund Center (LC) |
| | | | 13 | O-6 | Lundgren House (LH) |
| | | | 14 | G-6 | Mattson Hall (MH) |
| | | | 15 | E-7 | Meiwa Lind Interpretive Center (MLIC) |
| | | | 16 | H-7 | Nobel Hall of Science (NHS) |

GUSTAVUS

GUSTAVUS ADOLPHUS COLLEGE



The Gustavus Adolphus College Honor Code

“As a community of scholars, the faculty and students of Gustavus Adolphus College have formulated an academic honesty policy and honor code system, which is printed in the Academic Bulletin and in the Gustavus Guide. As a student at Gustavus Adolphus College, I agree to uphold the honor code. This means that I will abide by the academic honesty policy, and by the decisions of the joint student/faculty Honor Board.”

You will signify your agreement to the Honor Code when completing the online Registration Preference form. When you register for future semesters online, you will be able to agree by that means.

As a part of the honor system, the following code will be written in full and signed on examinations and graded papers:

“On my honor, I pledge that I have not given, received, nor tolerated others’ use of unauthorized aid in completing this work.”

In signing this statement, a student is promising that his or her work complies fully with the authorized aid as defined by the professor. It is each professor’s responsibility to state course penalties for academic honesty policy violations, and to define the level of authorized aid appropriate to the work in the course or to the particular assignment. However, the student is responsible to ask questions about any reasonable doubt they have regarding the professor’s definition.

An integral part of the honor code is non-tolerance of violations. This non-tolerance policy is recognition that we are not only responsible for our own ethical conduct but are also members of a vital community with obligations to contribute to its ethical climate. Under this code students are not expected to police others’ actions. Rather, students agree to report violations of which they become aware and where failure to do so would constitute an honor code violation.

Every Gustavus Adolphus College student is required to abide by the Honor Code.