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 by signing your Course Request sheet if you register on campus or verbally to the person who is registering you by phone, who will sign the Course Request sheet verifying your agreement. When you register 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.
WELCOME ................................................................. 4
ADVISING & REGISTRATION MANUAL (ARM) ................. 5
REGISTRATION ......................................................... 5
THE LIBERAL ARTS PERSPECTIVE AND 3 CROWNS CURRICULUM
   REQUIREMENTS AND DESCRIPTIONS ....................... 6
SIMILARITIES AND DIFFERENCES ................................. 7
ADVANCED PLACEMENT CREDITS ................................. 8
PLACEMENT EXAM INFORMATION ................................. 8
FACULTY ADVISORS .................................................. 9
FIRST TERM SEMINAR (FTS) ...................................... 9
DEFINITIONS ............................................................ 9
PROGRAMS OF STUDY .............................................. 12
   Art Studio and Art History ......................................... 12
   Biology ...................................................................... 12
   Biochemistry and Molecular Biology ........................... 12
   Chemistry ............................................................... 12
   Classics ..................................................................... 13
   Communication Studies ........................................... 13
   Economics and Management .................................... 13
   Education ............................................................... 14
   English ..................................................................... 15
   Environmental Studies ............................................. 15
   Gender, Women, and Sexuality Studies ....................... 16
   Geography ............................................................. 16
   Geology ..................................................................... 16
   Health and Exercise Science ..................................... 17
   History ....................................................................... 18
   Japanese Studies ..................................................... 18
   Latin American, Latina/o, and Caribbean Studies ........... 18
   Mathematics, Computer Science, and Statistics .......... 19
   Modern Languages, Literatures, and Cultures ............. 19
   Music ....................................................................... 20
   Nursing ................................................................. 22
   Philosophy ............................................................. 23
   Physics ..................................................................... 23
   Political Science ..................................................... 23
   Psychological Science ............................................. 24
   Religion ..................................................................... 24
   Russian and Eastern European Studies ....................... 25
   Scandinavian Studies and Swedish ............................ 25
   Sociology and Anthropology .................................... 25
   Theatre and Dance .................................................. 26
   Pre-Professional Interests ......................................... 27
Welcome

A Liberal Arts Education at Gustavus is a grand adventure. We challenge you to grab onto it and take advantage of all it has to offer. In the midst of all the doing, take time to pause, reflect, walk in the Arboretum and listen to the birds, sit alone in the Chapel, or find a quiet corner in the Folke Bernadotte Library. This is your education and you will be a different person when you leave us, to make a difference wherever you land.

WE HOPE THAT:

• You will take courses you have never heard of, never dreamed of taking.
• 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 (Liberal Arts Perspective or Three Crowns Curriculum), or elective courses.
• Your eventual Gustavus academic record will be complemented by what you’ve learned studying abroad, completing an internship, doing research on or off campus, and by taking advantage of opportunities to lead and to serve.
Advising & Registration Manual (ARM)

The ARM is your guide to new student registration. It is full of information and resources, from how to prepare for registration by phone or on campus, 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 prepare for registration! To make use of the links, view the ARM online at: https://gustavus.edu/advising/firstyearregistration.php.

USE THIS ARM in combination with the First Year Student Registration Process worksheet found on the Academic Support Center website.

CATALOG (ACADEMIC BULLETIN):
For course descriptions, graduation requirements, major requirements, which semester(s) courses are offered, the purpose of area requirements for Liberal Arts Perspective, and a listing of courses for Three Crowns Curriculum, go to http://www.gustavus.edu, click on Academics and Academic Catalog.

COURSE SECTION SCHEDULE:
For you this first time, you have an abbreviated schedule of courses you are eligible to take. This schedule lists only fall semester courses and describes the First Term Seminar (FTS) classes. Go to WebAdvisor, Search for Classes and click on First Year Course Selection Schedule in the green box at the top of the screen.

KEEP THESE TIPS IN MIND:
• You are registering for fall semester only.
• You should register for at least 3.75 courses but not for more than 4.8. Majors that should be started in the fall include biochemistry and molecular biology, biology, chemistry, elementary and secondary education, non-English languages, nursing, physics, sciences for pre-professional interests, music, math, and computer science.
• Successful college coursework requires that you be independent and that you read, do assigned work, review your notes, and prepare for the next class each day.
• Activities, sports, clubs, student government, volunteer service, and student employment—are all important. However, your academics and your commitment to them is your first priority.
• During this first semester, give yourself time to learn about yourself and Gustavus. Take time to consider a few activities that you are passionate about, rather than collecting a variety of things that don’t really matter to you.
• You are surrounded by resources in the classroom, labs, residence halls, and through faculty and professional support staff. Ask for help when you need it. You’ll be glad you did.

Registration
In preparation for registration, follow the First Year Student Registration Process and list (10–20) courses you would be interested in and then plot some of them on the Class Time Planner sheet for days and times they meet.

ON CAMPUS
Most of you will join us on campus for Gustie Gear-Up! Registration and Summer Orientation on June 16, 17, 18, or 19. Consult the Academic Support Center website for details of the day.

BY PHONE
You will call the Academic Support Center, 507-933-7027, to schedule an appointment time for a faculty advisor to call you to help you register. In order to register, you must agree to abide by the Honor Code (on the backside of your Course Request sheet and on the inside cover of this manual). Your advisor will sign on your Course Request sheet that you have read and agree to this code after you have discussed it.

After your call you will have completed these important tasks:
• Registration for fall semester (the only unknowns will be for those who are auditioning in the fall for a music ensemble and for those interested in playing a varsity sport).
• You will know which requirement(s) your courses fulfill—electives, general education, and major.

Since you won’t be on campus for the registration days, you will need to complete these tasks:
• Send your forms to appropriate offices, according to the Gustavus Enrollment Checklist.
• When you arrive for Orientation in August, there will be opportunities to have your ID picture taken.
The Liberal Arts Perspective and 3 Crowns Curriculum Requirements and Descriptions

**REQUIREMENTS FOR GRADUATION**

1. 34 courses are needed for graduation, 31 of which must be semester courses, 2 of which are January Interim Experience courses, .5 of physical education fitness (FIT), and .5 of physical education activities (ACT).

2. Two years (16 regular semester courses minimum) are required in residence, including the senior year. The senior year may be the last two semesters preceding the conferring of the degree or at least nine of the last 12 courses taken toward the degree. Exceptions to the senior year residency are made for students enrolled in Study Abroad Programs sponsored by the College and in cooperative programs with other institutions leading to a B.A. and professional degree. At least three courses of the 16 must be taken outside of the major department.

3. Three designated writing courses from at least two different departments. One of these courses must be taken in the first year (normally in the First Term Seminar). At least one designated writing course must be a WRITI (Writing Intensive) and one must be a WRITD (Writing in the Disciplines).

4. An approved major.

5. A cumulative grade point average of 2.000 or higher.

6. Completion of the core requirements from either the Liberal Arts Perspective or Three Crowns Curriculum.

**LIBERAL ARTS PERSPECTIVE CURRICULUM:**

**Distributive Core**

These requirements represent approximately one-third of the total courses required for graduation and are intended to insure that each student has had a broadly based liberal arts education.

1. **First Term Seminar:** As part of their first semester course schedule, Liberal Arts Perspective 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 first year academic advisor. Each FTS carries a WRTTI (writing) designation. A list and description of FTS offerings is published for entering students before registration.

2. **Completion of a Non-English Language Requirement:** Liberal Arts Perspective students will pass the beginning sequence in a non-English foreign language (the first two courses constitute the beginning sequence in all such languages) or will demonstrate equivalent proficiency.

3. **General Education Liberal Arts Perspective Courses:** Each Liberal Arts Perspective student must complete nine designated general education courses (including at least one course from each of the following areas). No more than two courses from the same department may be counted. Courses can fulfill more than one general education requirement, but a total of nine general education courses must be completed.

**Liberal Arts Perspective Area Requirements**

A Liberal Arts Perspective course teaches the principles of a particular domain of study, provides its context, questions the values of that domain, and builds bridges toward other disciplines.

The nine areas below are described in detail in the Gustavus Academic Bulletin under requirements for graduation.

1. **The Arts (ARTS)**
   Departments contributing courses: ART, CLA, FRE, GRE, LAT, MUS, PHI, T/D

2. **Biblical and Theological Studies (THEOL)**
   Departments contributing courses: HIS, REL

3. **Literary and Rhetorical Studies (LARS)**
   Departments contributing courses: CLA, COM, ENG, FRE, JPN, GRE, LAT, RUS, REL, SCA

4. **Historical and Philosophical Studies (HIPHI)**
   Departments contributing courses: CLA, GEG, GRE, GWS, HIS, LAT, PHI, POL, REL, SCA, SPA, T/D

5. **Mathematical and Logical Reasoning (MATHL)**
   Departments contributing courses: MCS, PHI

6. **Natural Science Perspective (NASP)**
   Departments contributing courses: BIO, CHE, EDU, GEG, GEO, HES, PHI

7. **Human Behavior and Social Institutions (SOSCI)**
   Departments contributing courses: E/M, EDU, GEG, GWS, HIS, IDS, NUR, PCS, POL, PSY, REL, S/A

8. **Global Cultures and Perspectives (GLOBL)**
   Departments contributing Courses: ART, ENG, FRE, GEG, GWS, HIS, IDS, JPN, MLC, MUS, NUR, PHI, POL, REL, S/A, SCA, T/D

9. **Lifelong Fitness (FIT and ACT)**
   Students must complete both the Personal Fitness (FIT) requirement (.5 course) and the Lifetime Activity (ACT) requirement (.5 course equivalent) Departments contributing courses: HE
The Three Crowns Curriculum is a unique way to fulfill general education requirements. It is a core curriculum in which integrated courses build upon each other to create a common body of knowledge. A theme of “the individual and community” is seen throughout the program as it examines the Western tradition within a global perspective. Students are challenged to address ethical values questions both in class and in Three Crowns-sponsored cultural, social, and intellectual activities.

The courses listed below are open to Three Crowns Curriculum students only. The program is available, by application, to any entering first-year student, subject only to a limitation of 60 students per entering class. It is supported by a grant from the National Endowment for the Humanities and enrolls students from all the major fields of study.

The Three Crowns Curriculum recognizes that flexibility in scheduling is sometimes necessary; in cases of serious academic conflicts, students may petition to use appropriate substitutions, including courses taken abroad, to fulfill 3 Crowns requirements. See the Director for further details.

Course sequence is as follows:

**First Year Fall**
- CUR-100 Historical Perspective I
- CUR-140 The Biblical Tradition

**First Year Spring**
- CUR-110 Historical Perspective II
- CUR-120 The Individual and Morality

**Second Year Fall**
- CUR-210 The Individual and Society
- CUR-220, 230, or 240 Fine Arts course (sometimes offered in January and spring)

**Second Year Spring**
- CUR-250 The Literary Experience

**Third Year Fall or Third Year Spring**
- CUR-260 The Natural World

**Fourth Year Fall or Fourth Year Spring**
- CUR-399 Senior Seminar

**Similarities and Differences**

**WHEN YOU SHOULD DECIDE**

Because both programs begin the fall semester of your first year, you will need to make your choice by the time you register for fall semester.

Enrollment in the Three Crowns Curriculum is limited to 60 first-year students per year, with preference given to early applicants. Please visit the website, [gustavus.edu/threecrowns](https://gustavus.edu/threecrowns), to fill out the application form and find out more information about this signature program.

**SIMILARITIES**

Both are general education programs—an introduction to a variety of academic disciplines, areas of learning, and ways of thinking for you to develop a liberal arts base of learning, a context for the major you choose.

Both have goals common to the reasons for liberal learning: that you be more than the name of your major/career, that your learning has both breadth and depth, that you begin to see the relationship among your courses, that you move from remembering information to integrating the knowledge into how you see things and make decisions, and that you continue to learn on your own for a lifetime.

Both require approximately 1/3 of your total coursework at Gustavus. (Total number of required courses is 34.)

Both offer courses that fulfill general education requirements only, as well as courses that may also apply toward a major or minor.

Both allow you to study overseas, double-major, or arrange an internship during your junior or senior year, depending on your major.

**DIFFERENCES**

In Liberal Arts Perspective you select nine courses from an approved list, which represent various academic areas (e.g., “The Arts,” “Historical and Philosophical Studies,” “Social Sciences,” etc.), choosing one or more each semester. One of the nine, a First Term Seminar, is to be selected the fall semester of your first year.

All Three Crowns Curriculum students take a sequence of nine integrated and cross-disciplinary courses spread over their four years. Students remain together in a cohort, getting to know one another and Three Crowns faculty in a way that is unique to this specialized curriculum. A theme of “the individual and the community” runs throughout the entire program, as it examines the artistic, literary, religious, philosophical, and scientific heritage of the Western tradition within a global perspective.

The Three Crowns Curriculum is an enriched program with many out-of-class educational opportunities. Cultural events, weekend retreats and special seminars for Three Crowns Curriculum students and faculty complement discussion-oriented classroom learning. The Senior Seminar is a capstone course where your education and experiences come together in a final semester-long conversation about your life goals after graduation. The Three Crowns Curriculum, with its emphasis on connections, ideas, and values, is known as an integrated liberal arts program.

The Three Crowns Curriculum is an enriched program with many out-of-class opportunities for learning. Learn more about this exciting program, go to [https://gustavus.edu/threecrowns](https://gustavus.edu/threecrowns).
Advancement Placement Credits

**COLLEGE BOARD ADVANCED PLACEMENT**
A score of 4 or better will give you college credit. You will receive your score online in July, so you won't know your results for new student registration. If you think you did well and scored a 4 or 5 on a test that will allow you to register for the next course in the sequence, register that way. If you aren’t sure, register as if you won't receive that credit from AP. If schedule adjustments need to be made, the Registrar’s Office will contact you well in advance of your arrival in the fall.

**INTERNATIONAL BACCALAUREATE**
Scores of 4 or above on the higher-level exams give you college credit.

**POST-SECONDARY EDUCATION OPTIONS CREDIT**
Students who have taken college courses through a post-secondary education options program on the campus of accredited colleges and universities normally may transfer such work to Gustavus if those courses meet other requirements for credit stated in the college catalog. To receive PSEO credit, you must ask the institution where you took courses to send an official transcript to the Admission Office as soon as possible.

---

Placement Exam Information

If you need to take either the Non-English Language or the Calculus Placement Exam, please do so by JUNE 1 so that we may have your results ready for advising at Gustie Gear-Up! or if you are speaking with an advisor by phone for alternate registration.

**CALCULUS PLACEMENT**
Follow the link here, [https://gustavus.edu/mcs/calclacementexam.php](https://gustavus.edu/mcs/calclacementexam.php), to determine if you need to take the Calculus Placement Exam. Not everybody needs to take this exam, but if you choose a major or pre-professional program that requires Calculus, you MUST take the Calculus Placement Exam, unless you meet 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.

---

**LANGUAGE PLACEMENT AND EQUIVALENCY**
Learning a second language is a key piece of a well-rounded education in the reality of today's global world. No matter what you chose to study, learning a foreign language will open new possibilities for you in the future and will enhance your résumés in an increasingly competitive job market. Language study is central to the college experience in exploring how as individuals we relate to the rest of the planet. Deepening the study of another language opens your eyes to new realities and other ways to see the world. Whether you want to expand your knowledge of another language and cultural understanding of the world, explore a new language, or meet the minimum college requirements, below you will find helpful information about how to start your language studies at Gustavus. You may also check out our new online interactive tool!

- **FIRST-YEAR STUDENTS ARE STRONGLY ENCOURAGED** to 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. If you don’t begin in the first year, you should definitely start in the sophomore year. Don’t be one of those seniors taking language in their fourth year and struggling!

Follow the link here, [https://gustavus.edu/mlc/languagerequirements.php](https://gustavus.edu/mlc/languagerequirements.php), to determine if you need to take the Language Placement Exam. Not everybody needs to take this exam. In general, you take the Placement Exam to place into language courses at Gustavus. The Equivalency Exam is for those students without College Credit or equivalent who have extensive experience in a language but do not wish to study that language at Gustavus. If that is your case, you can prove equivalency by taking the Equivalency Exam. Please be aware that by taking language courses you will earn academic credit however, the Equivalency Exam is not for academic credit. The Equivalency Exam is only offered at specific times of the year before registration and at the beginning of each semester. See MLLC’s website for specific dates.

If you have followed the links above and you still have questions regarding placement or the equivalency exam, please email Dr. Laurent Dechery for French, Pat Branstad for German, and both Dr. María Isabel Kalbermatten and Dr. Ana Adams for Spanish.
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 professional advisors who can assist you at any time in partnership with your faculty advisor. Additionally, faculty, ASC advisors, and Career Development staff are available to discuss graduate and professional school preparation as well as preparation for such scholarships and fellowships as Rhodes, Truman, Fulbright, etc.

1. This summer, whether on campus or by phone, you will confer with a faculty advisor to register for fall.

2. Your FTS professor or Three Crowns Curriculum professor will be your advisor for at least the fall semester and until you are ready to declare your major and arrange for an advisor from your major department. He/she will help you become familiar with the resources on campus, opportunities to help you excel, and will help you plan your registrations for subsequent terms. When you are ready to declare your major, you will arrange for an advisor from your major department.

3. When you are ready to declare your major, arrange for an advisor from that department. If you are interested in Athletic Training, Education, Health Fitness, or Nursing, you will apply for admission to those programs by your sophomore year. An advisor will be assigned to you at that time. The exception is Nursing. You can arrange for an advisor from Nursing before you know if you are in the program, as early as after your first semester.

Definitions

1. 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. Courses required for a major are listed in the catalog by department. One major is required for graduation. (You may declare your major anytime after your first semester. A traditional time to declare your major is spring semester of your sophomore year. See above for majors that should be started fall semester.)

2. 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 tests.

3. 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.

4. One course = 4 semester credit hours.

5. **Curriculum:** A liberal arts curriculum is a group of courses (1/3 of your total courses) intended to give you variety and breadth in ways of thinking as well as in subject matter. It is the foundation upon which to develop an expertise in one major (1/3 of your total courses). The flavoring comes from your choice of electives, anything you want to take (1/3 of your total courses). You will choose either Liberal Arts Perspective or Three Crowns Curriculum.

6. An **unofficial degree audit** shows you which major and general education requirements still need fulfilling and how many more course credits you need to reach the total of 34, to graduate. You have access to this online in WebAdvisor whenever you wish. You may “try-on” different majors with the What If? Option.

First Term Seminar (FTS)

**All Liberal Arts Perspective students** must register for a First Term Seminar (FTS) fall semester. This course assures you of a small class where you will read, write, and discuss, where you will practice critical thinking and recognize and explore questions of values—skills that will help you in the rest of your courses.

It really doesn't matter which seminars you consider. There are usually no prerequisites for these courses. You are eligible for any of them.
Programs of Study

**ART STUDIO AND ART HISTORY**

[https://gustavus.edu/art/](https://gustavus.edu/art/)

Possible First-Year Program: Besides the listed courses, choose two or three courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose electives.

**Fall**
- ART101 Art History or
- ART110 Drawing or
- ART117 Studio Foundations

**Spring**
- ART102 Art History or
- ART110 Drawing

**BIOLOGY**

[https://gustavus.edu/biology/](https://gustavus.edu/biology/)

For Biology majors and Pre-Health Professions:

The Biology major is intended for students seeking to study life for careers in conservation, education, environmental science, health professions, and research. After completing a core sequence of classes, majors can select among diverse upper level classes to develop interests and skills (see the catalog for course information and planning).

Usually, students interested in the biology major will register for both BIO101 and CHE107 with the expectation that they meet the following criteria: 1) ACT science sub score of 25 or above; 2) A and B grades in high school biology and chemistry courses; and 3) possess a passion and excitement for biology and chemistry that will sustain long hours of studying.

If these criteria cannot be met, students should register for either BIO101 or CHE107 and plan to pursue the other introductory course in his/her sophomore year.

**CHEMISTRY**

[https://gustavus.edu/chemistry/](https://gustavus.edu/chemistry/)

The mission of the Chemistry department is to promote and support the development of students into lifelong voracious learners who are distinguished by a high degree of intellectual curiosity, a fundamentally sound knowledge of chemistry, an ability to use the scientific method effectively, an understanding of the place of chemistry within natural science, and comprehension of the relationship of natural science to the environment and the rest of human culture. Central to our educational approach is faculty-student research collaborations. Gustavus Chemistry students are very successful at Gustavus and in their post-Gustavus careers. Our graduates become professional chemists in academic or industrial settings, physicians, dentists, pharmacists, and educators (to name a few).

The Chemistry curriculum is designed to function as an integral part of the liberal arts program of the College. The courses taken bring the student from general principles through advanced theories and practical application. Science and non-science majors thus begin together and proceed to a course level that is appropriate for their chosen program. For more information about the department, please see: [https://gustavus.edu/chemistry/](https://gustavus.edu/chemistry/).

**BIOCHEMISTRY AND MOLECULAR BIOLOGY**

[https://gustavus.edu/general_catalog/current/biochem](https://gustavus.edu/general_catalog/current/biochem)

The Biochemistry and Molecular Biology (BMB) major is intended for students interested in areas that lie at the interface between chemistry and biology, such as bioinformatics, biophysics, biotechnology, genetics, neuroscience, and pharmacology. The BMB program is characterized by a strong curriculum with a breadth of core and upper level courses in chemistry, biology, and biochemistry, a capstone experience, writing intensive courses, and research-like, investigative experiences in lab. Thus, our approach pairs an emphasis on the fundamentals with significant engagement in the practice of the discipline. Gustavus BMB students are very successful at Gustavus and in their post-Gustavus careers. Our graduates become professional biomolecular scientists in academic or industrial settings, physicians, dentists, pharmacists, and physician’s assistants (to name a few).

First-year students interested in the BMB major will usually register for both BIO101 and CHE107 with the expectation that they meet the following criteria: 1) ACT of 25 or above; 2) A and B grades in high school biology and chemistry courses; and 3) possess a passion and excitement for biology and chemistry that will sustain long hours of studying to achieve mastery.

**Fall**
- BIO101 Principles of Biology
- CHE107 Principles of Chemistry

**Spring**
- BIO102 Organismal Biology
- CHE141 Organic Chemistry I

If these criteria cannot be met, students should register for either BIO101 or CHE107 and plan to pursue the other introductory course in his/her sophomore year.

**Fall**
- BIO101 OR CHE107

**Spring**
- BIO102 OR CHE141

For more information, please see: [https://gustavus.edu/chemistry/fourYearPlans.php#Anchor-Biochemistry-7675](https://gustavus.edu/chemistry/fourYearPlans.php#Anchor-Biochemistry-7675)
To see an example four-year plan for all of the majors offered by the department, please see: https://gustavus.edu/chemistry/fourYearPlans.php.

Possible First-Year Program: Besides the listed courses, choose one or two courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose electives.

**Fall**
CHE107 General Chemistry  
MCS121 Calculus I

**Spring**
CHE141 Organic Chem I  
MCS122 Calculus II

**CLASSICS**
https://gustavus.edu/classics/

Classics is an interdisciplinary major that functions as the foundation of a liberal arts education. Courses include the Latin and Greek languages, ancient history, art and archeology, and literature, as well as subjects from other departments. It is important to start Latin or Greek as early as possible. Many study Latin or Greek because of their proven impact on English vocabulary and verbal skills.

**Fall**
LAT101 Elem. Latin or GRE102 Elem. Greek  
REL110 The Bible or CUR140 Biblical Tradition  
FTS100 First Term Seminar or CUR100 Historical Perspective  
Elective

**Spring**
LAT102 Elem. Latin or GRE101 Elem. Greek  
CLA101 Myth and Meaning  
Elective  
Elective

**COMMUNICATION STUDIES**
https://gustavus.edu/communication/

Our Communication Studies major prepares students for lives of leadership, citizenship, and collaboration. We emphasize the liberal arts skills of writing, research, critical thinking, oral communication, and innovative problem solving. Civic engagement—the practice of applying one's skills to meet the needs of the world at large—is woven throughout our curriculum and reflected in the department's foundational course, Public Discourse.

Coursework includes study of communication in contexts as diverse as media, politics, law, organizations, and intercultural interactions. Public Discourse (COM120) and Interpersonal Communication (COM117) are required for potential Communication Studies majors. The department also offers two minors, Civic Leadership and Strategic Communication; Public Discourse (COM120) is required for both of these minors.

**ECONOMICS AND MANAGEMENT**
https://gustavus.edu/econ-mgmt/

The department offers four majors: Economics, Management, Public Accounting, and Accounting. Each major requires completion of the departmental core:
- E/M101 Principles of Macroeconomics
- E/M102 Principles of Microeconomics
- E/M110 Financial Accounting
- E/M125 or MCS142 Statistics

MCS121 or MCS118 and 119 Calculus

- Students are advised to take E/M101 and E/M102 in consecutive semesters (in either order), and to take MCS121 prior to E/M125 (Statistics).
- Students should not take MCS140 (Elementary Statistics).
- Students should complete the departmental core in their first three semesters.

All prospective E/M majors are encouraged to take the Calculus Placement Exam and to register for the appropriate level fall term, whether the MCS118/119 sequence or MCS121.

Possible First-Year Program: Besides the listed courses, it is recommended that you choose two or three courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose electives.

**Fall**
E/M101 or E/M102  
FTS100 First Term Seminar  
MCS121 Calculus (or MCS118)

**Spring**
E/M101 or E/M102  
E/M110 or E/M125  
MCS119 (if MCS118 taken in fall)
All Teacher Education programs require some initial coursework. During fall semester of the first year, please contact our Placement Coordinator, Kim Meyer, kmeyer7@gustavus.edu, to create a detailed 4-year plan of coursework.

During years one and two all Teacher Education majors are to take courses that apply to the area of an elected endorsement or general liberal arts education requirements in addition to those listed below. Liberal arts requirements are often met within the elementary teaching major courses required by the Minnesota Board of Teaching for licensure.

The courses listed below should be taken during the first year by all Teacher Education majors. Please see the catalog for more complete information.

- All Education majors in elementary and secondary should register for Psychology 100 during their freshman year.
- Elementary Education majors should not register for FIT or ACT in HES.
- All students considering Education as their major should plan to take EDU268 Career Orientation to Teaching (usually in their first January Interim Experience). This course involves shadowing a teacher throughout the month of January.

**Fall - First Year:**
FTS100 First Term Seminar
COM120 Public Discourse
PSY100 General Psychology
MCS requirements:
- Elementary Education majors: Nature of Math (MCS115) or Elementary Statistics (MCS140).
- Secondary Education majors: MCS140 or those who have math requirements (like calculus) should take the math needed for their teaching major.

**January Interim Experience:**
IEX268 Career Orientation to Teaching

**A. Elementary Education Major:**
The Department of Education offers an Elementary Education major that provides the applicant with a Kindergarten–Grade 6 (K–6) Licensure. Elementary education majors will receive a K–6 teaching license with an option to add a 5–8 middle school teaching endorsement in a specific area of curriculum.

**Communication Arts/Literature Endorsement Courses:**
ENG101, ENG112, COM120

**Social Studies Endorsement Courses:**
HIS130, HIS140, GEG101, GEG102, POL110, S/A111

**Science Endorsement Courses:**
BIO100, CHE107

**Mathematics Endorsement Courses:**
MCS115, MCS121, MCS140

**B. Grades 5–12 Secondary Teaching:**
To qualify for secondary licensure (Grades 5–12), students will major in a teaching discipline and then complete the education courses to teach at the secondary level. The majors in a teaching discipline offered at Gustavus are: Life Science Teaching (Biology), Chemistry Teaching, Communication Arts/Literature (CALT) Teaching, Mathematics Teaching, Physics Teaching, and Social Studies Teaching.

**C. K–12 Program Teaching:**
To qualify for licensure in grades Kindergarten through Grade 12 (K–12) students will major in a teaching discipline and then complete the necessary education courses to prepare them to teach at the kindergarten through grade 12 level. Students pursuing this program will major in one of the following areas: Health Education Teaching, Physical Education Teaching, Music Education Teaching (Instrumental or Vocal), Visual Arts Teaching, or World Languages Teaching (Spanish).

**D. Coaching Minor:**
Teacher education students may also qualify for a coaching minor by completing the course requirements as outlined by the Department of Health and Exercise Science. Please refer to the College Catalog.
The department offers a major in English, as well as a major in English with a Writing Emphasis. The department also contributes to a Communication Arts and Literature Teaching major, in coordination with the Communication Studies and Education departments.

Students are advised to complete ENG201, ENG115 or 116, and ENG121 or 122, within the first two years of coursework.

Possible First Year Program: Besides the listed courses, choose one or two courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose English electives.

Fall
FTS100
ENG115 or ENG116 OR
ENG121 or ENG122
Electives

Spring
ENG201
ENG115 or ENG 116 OR
ENG121 or ENG122
Electives

A rich array of faculty expertise, courses, research experiences and study abroad opportunities support an interdisciplinary approach to environmental studies at Gustavus. Careful planning is essential from the beginning because of the sequential nature of many of the courses. Students should consult with an advisor from the department of their chosen track as soon as possible.

Five core courses form the foundational knowledge of important ideas, concepts, theories, facts, and principles related to the interdisciplinary study of the environment: ENV120; BIO245; ENV250; ENV104 or ENG228 or PHI109; and ENV399. In addition, students choose a seven course track in Physical Science, Life Science, Social Science, or Humanities. For these tracks and the other major requirements, go to Academics on the homepage and click on Environmental Studies and then Courses.

You can begin your program in a number of ways and it will depend on the track that you ultimately choose; the following is only one possibility.

Possible First-Year Program: Fall and Spring ES core courses are as follows, with the addition of a math course that is a part of several tracks.

For either the physical or life sciences track:
Fall
Bio and/or chem
ENV120
MCS121

Spring
Bio and/or Chem
ENG228 or PHI109

For the humanities or social sciences track:
Fall
ENV120
ENV250 or ENV104
MCS121

Spring
ENG228 or PHI109

Additional options consistent with an Environmental Studies major are: courses in your preferred seven course Environmental Studies track, and/or choosing one or two courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum.

Gustavus Adolphus College offers a major and minor in Gender, Women and Sexuality Studies. This interdisciplinary program examines gender and sexuality as cultural and social categories that organize and shape human experience. Students will interrogate the social meanings of femininity, masculinity, sexual behavior, and desire as integral to the ways that groups and individuals construct their identities within and across a variety of historical, social, and cultural contexts. To this end, students will also examine the ways in which gender and sexuality intersect with other categories of social difference such as race, class, ethnicity, nationality, religion, ability, and age. Students will explore such topics as constructions of femininity and masculinity, the history of feminism, gender roles and relations, and cultural configurations of sexual desire and identity in discussion-based classes.

GWSS courses appropriate for first-year students are:

GWS118 Controversies in Feminism
GWS224 Staying Alive while Living at the Margins
S/A231 Kinship and Marriage
S/A235 Social Inequality
ENG101 Reading in the World (Our Own Private Idaho)
ENG124 American Women Writers
HIS/GWS231 Women in America
HIS/GWS238 History of Sexuality in America
PHI102 Racism and Sexism
GEOGRAPHY

https://gustavus.edu/geography/

If you like maps and travel and if you are interested in how society transforms the natural world, then you may be interested in a Geography major. Geography is the study of how humans interact with the environment and world around them. Geography addresses some of the biggest questions of our time by illuminating dynamics of sustainability, land use, globalization, environmental and climate change, migration, human impact on the environment, urbanization, natural hazards, international development, food and agriculture, and geopolitics. Geography majors have successful careers in natural resource management, urban and regional planning, geospatial analysis, education and research, international and community development, disaster response, and environmental law and policy, among others.

Possible First-Year Program: Besides the listed courses, choose one or two courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose electives.

Fall
GEG101 Intro to Human Geography or
GEG102 World Reg. Geography or
GEG105 Intro to Physical Geography
FTS
Electives

Spring
100-level GEG course
GEG240 Fundamentals of GIS

GEOLGY

https://gustavus.edu/geology/

Gustavus offers a major and a minor in Geology. The Geology program appeals to students who like the outdoors, enjoy science, and are interested in learning about our planet's past, present, and future. Geology is particularly relevant in today's world, because it can answer questions about how the earth responds to change, both natural and human-induced. Geologists evaluate areas for geologic safety, assessing whether earthquakes, hurricanes, floods, volcanoes, or landslides pose a danger to human life and infrastructure. Conservign the environment requires that we understand the processes that shaped that environment long ago, as well as events that have occurred more recently. The search for natural resources is necessarily a geological search, and geologists play an important role in finding, using, and conserving those resources. Geologists map the landscape, informing our communities about the land beneath our feet. The story of Earth's distant past is a geological one, and geologists examine the record of ancient life and rocks to describe the landscape during the last ice age, or longer ago, when the ocean covered this part of the world, making Minnesota a tropical paradise.

We prepare our students for a variety of careers in earth science. The Geology program emphasizes field and research experiences at all levels of the program. Geology students form a close-knit community, working on class research projects, doing fieldwork, and enjoying the activities sponsored by the geology club.

Possible First Year Program: Besides the listed courses, choose courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose from electives.

Fall
GEO111 Our Planet: Intro to Earth Science
CHE107 or
MCS121 Calculus I

Spring
GEO212 Evolution of the Earth
MCS121 Calculus I

HEALTH AND EXERCISE SCIENCE

https://gustavus.edu/hes/

Health and Physical Education

Health and Physical Education majors prepare for a career in teaching. This major is typically combined with a minor in coaching. Most students also apply to the Education Department and if admitted, pursue educational licensure in both Physical Education and Health Education. Graduates teach and coach at the elementary or secondary level, while many pursue graduate study in physical education, school or community health education, exercise physiology, adapted physical education, sport psychology, sport pedagogy, sports medicine, biomechanics or motor learning. If a student has questions about the major, he or she should email breimann@gustavus.edu and then contact Dr. Reimann early in September once on campus.

Fall – First Year
• You do not need a NASP, SOSCI, or HIPHI course since these requirements are satisfied by required courses within the major taken during the sophomore or junior years.
• Do not take FIT or ACT courses since the requirement is satisfied within the major. If you are participating in the athletic program, you should register for the .00 credit option for the sport.
• Enroll in general education requirements such as THEOL, NWEST, ARTS, etc.

Athletic Training

The Gustavus Adolphus College Athletic Training Education Program (ATEP) prepares students for fuliing lives of leadership and service in athletic training. Grounded in over 35 years of educational experience and accreditation by the Commission on Accreditation of Athletic Training Education (CAATE), the ATEP at Gustavus is recognized for a combination of in-depth classroom experiences and application
of theory through varied clinical experiences. Some students choose to double major in Health Fitness, Health Education, other field, or complete a pre-professional program such as physical therapy or occupational therapy.

Completion of the ATEP fulfills the requirements of the Board of Certification (BOC) for sitting for the national certification examination. Acceptance into the ATEP is competitive. If you have questions, please email the Program Director kmomsen@gustavus.edu and then contact Mr. Momsen early in September once on campus. Please visit the Athletic Training Program website (Academics on the homepage, click on Health and Exercise Science, then Athletic Training, then four year plan).

Fall – First Year
You should complete four general education courses, or courses required for a secondary major or pre-professional program of interest to you. There are no appropriate courses within the major for first-year students.

Health Fitness
The Health Fitness major is a broad-based major designed to introduce students to a variety of future careers and graduate study within the health and exercise science field.

Students are prepared for management of health and fitness programs in corporate and clinical settings and for graduate study in exercise physiology, public health, and health promotion. In addition to required courses offered within the department, students complete courses in basic sciences.

This major is often combined with a second academic major such as athletic training, business, health education, psychological science or communication studies.

Each student majoring in Health Fitness must complete a twelve to fifteen week full time internship that may be completed either during the semester or summer following the junior or senior year. Students choose settings that best reflect their needs and professional interests.

Students interested in the major must officially apply for admission to the program before Thanksgiving break during fall term, sophomore year. Notification of acceptance will occur no later than January 31.

Information regarding the application process is included within the College catalog. Students must complete at least 1.5 course credits from the following list of courses by the end of fall term, sophomore year:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HES220</td>
<td>1.0</td>
</tr>
<tr>
<td>HES222</td>
<td>.5</td>
</tr>
<tr>
<td>HES234</td>
<td>1.0</td>
</tr>
<tr>
<td>HES235</td>
<td>1.0</td>
</tr>
<tr>
<td>HES305</td>
<td>.5</td>
</tr>
</tbody>
</table>

One of the following, BIO101 (fall) or BIO118 (spring) or CHE107 (fall), are also appropriate courses for first year students plus other general education requirements.

If you have questions about a major in Health Fitness, you may email Dr. Stephanie Otto sotto@gustavus.edu or Dr. Bruce Van Duser bvand@gustavus.edu. Once on campus in September, the student should visit with Dr. Otto.

HISTORY
https://gustavus.edu/history/

All 100-level courses (including CUR100 for students in the Three Crowns Curriculum) and all 200-level courses (except HIS200) are appropriate points of entry for the History major and minor. All of these courses are appropriate for first-year students, including those with no prior college-level course work in history. The History major is a ten-course major. 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 in History are encouraged to discuss this with a member of the History Department during the Fall or Spring semester. If possible, students should declare the major in Spring in order to be eligible for HIS200 (a requirement for the major) in Fall of their sophomore year. Declaring in Spring, while not essential, will provide more options in future semesters.

Possible First-Year Program:

Fall:
For students in the Liberal Arts Perspective, choose First Term Seminar and two or three Liberal Arts Perspective courses, plus one or two of the following:

- HIS105 World History
- HIS120 Modern Europe
- HIS130 America to the Civil Way
- HIS160 Modern Latin America
- HIS175 Premodern East Asia
- HIS218 Scandinavia to 1800
- HIS220 Medieval Christianity
- HIS225 Modern Germany
- HIS230 American Lives
- HIS231 Women in the U.S.

For students in Three Crowns Curriculum, take CUR100, and consider one HIS course at the 200 level. Do not take an additional 100-level HIS course without consulting with a History Department advisor.

Spring:
For students in Liberal Arts Perspective, choose one or two courses in the 100 or 200 categories.

For students in Three Crowns Curriculum, take CUR110, and consider one HIS course at the 200 level. Do not take an additional 100-level HIS course without consulting with a History Department advisor.
JAPANESE STUDIES
https://gustavus.edu/jpnstudies/

You will see the interdisciplinary nature of this major as its courses come from JPN101, 102, 201, 202 Japanese language; ENG238: Japanese Literature; POL255: East Asian Politics and Development; REL235: Zen and Japanese Culture; REL355: Buddhist Philosophy; HIS170: Mod. East Asia; HIS175: His. of Pre-Mod. East Asia; HIS278: Intro to Mod. Japan; JPN170 Intro to East Asian Lit.; JPN270 Mod. Japanese Lit. and Culture; JPN271 East Asian Women Lit.; JPN272 Japanese Film; MLC265 Intercultural Film.

First Year Advising: You should begin immediately with the language. If you have no previous experience, take JPN101. For a Japanese language placement test, contact Prof. Toshiyuki Sakuragi, sakuragi@gustavus.edu.

LATIN AMERICAN, LATINA/O, AND CARIBBEAN STUDIES
https://gustavus.edu/lalacs/

The Latin American, Latina/o, and Caribbean Studies (LALACS) Program offers an interdisciplinary major that allows students to study the Americas across a wide spectrum of the humanities and social sciences. Choose from courses from many fields, including History, Art, Sociology and Anthropology, Literature, Religion, Theater, Spanish and French. 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 now.

Possible First-Year Program: Besides the courses recommended below, we suggest that you choose one or two courses from general education areas (although many LALACS courses fulfill general education requirements).

Fall
HIS160
Language course

Spring
200 level History courses from elective list or
REL273 Religion and Politics In Latin America

MATHEMATICS, COMPUTER SCIENCE, AND STATISTICS
https://gustavus.edu/mcs/

The MCS department provides an education in the theoretical, practical and aesthetic aspects of mathematics, statistics and computer science. We currently offer majors in mathematics, computer science, and statistics.

The Department recommends that students wishing to major in math or physics 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, education, economics, management or accounting, should take it during their first year.

Typically, students with a year of high-school calculus take Calculus II (MCS122). If they have had a particularly strong high school calculus course, they may consider taking MCS221 (Linear Algebra), MCS222 (Calculus III), or MCS228 (Proofs and Mathematical Thinking); in this case, they should consult a math professor from the 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 should take the year-long sequence in calculus with pre-calculus review (MCS118/119).

Students registering for calculus (MCS121 or MCS122) should take a calculus placement test. See instructions in Calculus Placement section of this manual.

Students interested in programming or considering majoring in either math or computer science should take Introduction to Computer Science I (MCS177).

Students who wish to major in statistics, or who have a strong interest in statistics, should take Introduction to Statistics (MCS142) if they have already had calculus; otherwise they should take calculus and then MCS142.

Students wishing to satisfy the MATHL requirement can do so by taking Nature of Mathematics (MCS115), Elementary Statistics (MCS140), any of the beginning calculus courses (MCS119, MCS121, and MCS122), Introduction to Statistics (MCS142), or Formal Logic (PHI236).

MODERN LANGUAGES, LITERATURES, AND CULTURES
https://gustavus.edu/mlc/

See language placement and equivalency information at the beginning of this manual. Remember that Liberal Arts Perspective requires the proficiency of two semesters of a foreign language and Three Crowns Curriculum three semesters, and that to be eligible for Phi Beta Kappa, four semesters.

Possible First-Year Program: Besides the listed courses, choose two or three courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose electives.

Fall
Foreign Language
101, 201, or 251

Spring
Foreign Language
102, 202, or 252

In the case of Spanish, the following numbers apply to both Fall and Spring: 101, 102, 103, 200, or 250.
I. If you are planning to be a Music major:
Register for an audition (voice, string, wind/percussion, handbell, recorder, piano/organ):
- MUS090-001 Voice Audition
- MUS090-002 String Audition
- MUS090-003 Wind/Percussion Audition
- MUS090-004 Handbell Audition
- MUS090-005 Recorder Audition
- MUS090-006 Piano/Organ Audition

Register for lessons (200-level) on your instrument or voice (see corresponding sections of MUS Course Section Schedule).
Register for Music Theory (MUS103 & 111). There are four sections of each available.
Reserve .25 course load 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.

2. If you are planning to be involved in music but NOT as a Music major:
Consider registering for lessons on your instrument or voice. (See MUS section of Course Section Schedule.)
Reserve .25 course load 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 received a Jussi Bjorling Music Scholarship or Gustavus Music Award:
Register for an audition (see audition course numbers above).
Register for lessons (200-level) on your instrument or voice. (See MUS section of Course Section Schedule.)
Reserve .25 course load 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.

Very Important: If you are registering for a class that requires a lab, try to avoid schedule conflicts with ensemble rehearsal times. For example, several ensembles meet in the late afternoon or evening.
- **Gustavus Choir**: 4:30-5:40 p.m.
- **Choir of Christ Chapel**: 4:30-5:30 p.m.
- **Lucia Singers**: Tues., Wed. & Thurs. 3:30-4:20 p.m.
- **Gustavus Wind Orchestra**: Mon. & Wed. 4:30-6:20, Thurs. 4:30-5:20 p.m.
- **Gustavus Jazz Lab Band**: Tues. & Thurs. 8:30-9:20 p.m., & Wed. 8:30-9:50 p.m.
- **Adolphus Jazz Ensemble**: Tues. & Wed. 7:30-8:20 p.m.

**About Performance Studies**
**Music Lessons**: (MUS245-267 ARTS) - (.50 credit)
Individualized instruction is available for the student who wishes serious study of an instrument or voice. This is a chance to work with a teacher who is a specialist on his/her instrument.
Specifics vary between the vocal, instrumental and keyboard areas, but in general, the goal is to develop all-around musicianship through work on technique, literature, and other performance aspects. In addition to the time spent with the teacher, requirements include six hours of practice per week, supplementary studio/seminar classes on a regular basis, and attendance at seven recitals/concerts each semester. Students of ensemble instruments and voice are expected to participate in an appropriate ensemble.
Pianists are generally expected to accompany at least one individual as part of their course of study. The Arts (ARTS) requirement for the Liberal Arts Perspective Curriculum can be satisfied with two semesters of .50 credit music lessons. Singers may also study voice by enrolling in Voice Class (MUS129). Voice Class combines individual and group training. It is a .25 ARTS course with no lesson fee and no audition required.

All first-year students can register for lessons with the rest of their fall courses, but they must audition during Fall Orientation to validate that registration. Students need to audition in each area in which they want to participate: piano and organ students audition to insure their enrollment in the correct level of study;
instrumental and vocal students audition for both lessons and ensembles in one hearing. Students interested in classical guitar study should come to the Instrumental Audition Site to receive further information—a conference with the guitar instructor will be arranged. Students taking lessons are encouraged to enroll in an ensemble.

All first-year students, except those who have received a music scholarship, pay $500 for music lessons the first year. Students intending to major in Music declare that intent during the music theory course in the spring and play/sing an Audition for Music Major at the end of spring semester. In the following three years (as a Music major) there is no fee for lessons.

Music Ensembles: (MUS150-193 ARTS) - (.125/.25)
Most individuals find that the group performance experience is one of the greatest attractions of music-making. Performance opportunities at Gustavus exist for individuals with varying amounts of time to devote to their musical interest. It is possible to complete the entire ARTS requirement through ensemble participation. Ensembles are open to all students by audition - the audition will result in individual placements based on the student's interests and abilities. Ensemble audition results are announced after upperclassmen finish auditioning. By the second day of the semester the student will know in which groups he/she will be playing/singing. See section on auditions for more information. Students enrolled in an ensemble are encouraged to take lessons in order to insure the maximum growth for the individual musician. Several of the music ensembles tour during the year.

Auditions:
Auditions for all Gustavus music ensembles and lessons are held in the Music Building during Fall Orientation. There are separate auditions for Piano, Organ, Vocal, and Instrumental areas. Sign-up lists are to be found at the Music Department Information Table in the second floor lobby area of the Music Building. (At the same location, you can indicate interest in Jazz Ensemble, Handbells, and various other special areas.) In addition to determining whether the student has the necessary background for lessons, vocal and instrumental auditions determine where each individual would best fit into one or more of the Gustavus performing groups. Generally, if you have an interest in being involved in a music ensemble, there will be a place somewhere for you.

Vocal Auditions consist of guided vocalizes, pitch memory patterns and sight-singing. Singers are not required to prepare a piece, but are encouraged to perform one if they have it ready. If not, they will be asked to sing a stanza of a hymn or patriotic tune they already know. An accompanist is provided. Bring a copy of your class schedule along to the audition.

Vocal Information:
Touring choral groups (.25) at Gustavus are the Gustavus Choir and the Choir of Christ Chapel. Other ensembles rehearse fewer days: Lucia Singers, Birgitta Singers, St. Ansgar's Chorus, and Chamber Singers. Christmas in Christ Chapel, music theater, opera scenes, choir tours and concerts, daily and Sunday Chapel services, and various special events on and off campus are just some of the choral/vocal experiences.

A typical registration for the student entering Gustavus as a non-music major but interested in continued growth as a vocal musician consists of the following:
1. voice lessons
2. one choral ensemble

Instrumental Auditions consist of scales for warm-up and demonstration of tone quality, sight-reading, and part of a prepared solo, if possible. Jazz Ensemble rhythm section auditions are conducted in an ensemble setting. School instruments are available for use by students performing with the various ensembles. For further information about specific groups, students should talk to area faculty who will be at auditions.

Instrumental Information:
Gustavus offers a variety of courses for instrumentalists: concert bands, orchestras, jazz bands, brass, percussion, string, and woodwind ensembles. Both large and small chamber music groups are options for the student interested in performing. In addition, there are Handbell Choirs. While a student-directed pep band is often assembled for athletic events, a marching band program is not part of the curricular offerings.

Students performing on the larger instruments in ensembles will be provided with a school-owned instrument. Typically violins, violas, cellos, flutes, oboes, clarinets, alto and tenor saxophones, trumpets and trombones are owned by individual students. The larger instruments may be owned by the individual or by the school. School-owned instruments will be assigned as ensemble placements are made. There is an Instrument Maintenance Fee of $55 per semester for school-owned instruments.

Anyone wishing to use a school instrument for audition purposes can arrange to get an instrument by coming to the Instrumental Audition area during Orientation. Each student will also be issued a locker in which to keep his/her music and instruments. Single reeds and double reeds are available from the Woodwind Area Coordinator or one of the Woodwind Area Conductors in the Music Department.

A typical registration for a student entering Gustavus as a non-music major but interested in continued growth as an instrumental musician consists of the following:
1. lessons on major instrument
2. one large ensemble
3. perhaps one small ensemble

Keyboard Auditions consist of prepared solo literature and sight reading as appropriate to assess the student's preparation and determine the appropriate registration for lessons. See below for more information on piano auditions.

Piano Study:
MUS246 (.50) Piano lessons (ARTS credit) - intended for those with the background for college-level private piano study. A
minimum of 4–6 years of private study including the high school years is expected. The audition for piano study (MUS246) should consist of two pieces. In addition, they will be asked to play some sight-reading.

**Double Performing Areas:**
Students with more than one performing interest are encouraged to audition in each area (i.e., both in flute and piano, both cello and voice). It is possible to keep active in more than one area, although the student will probably have to prioritize between major and minor involvements in deciding between ensemble placements. For example, it is possible to sing in a choir (.125) and play in a concert band (.25) and sing in a choir (.125), or play in both orchestra (.25) and a jazz ensemble (.125), etc. Students are generally advised to take no more than .40 ensemble credits during each of the first two semesters. Music faculty will be happy to help you sort through and understand your options.

First-year students may take only one lesson course (.50) each semester, though they may take Voice Class in addition to instrumental lessons. Multiple lessons are allowed beginning in the sophomore year. Exceptions to this recommendation are sometimes allowed for music majors with a double performing emphasis.

---

**NURSING**
https://gustavus.edu/nursing/

Students are encouraged to express an interest in the Nursing major upon application for admission to Gustavus Adolphus College. Enrollment in the program is limited and admission is competitive, therefore, early consultation with the department, preferably in the first year, is recommended. Students should request a Nursing faculty advisor any time after the first semester, if they intend to pursue the major.

Students must apply for admission to the Nursing major during the fall of the sophomore year. Nursing courses begin in the fall of the junior year. See catalog for admission criteria.

Possible First Year Program:
- It is highly recommended that students complete their foreign language requirement prior to entering the nursing program.

**Fall**
- BIO101 Principles of Biology
- PSY100 General Psychology OR
- HES212 Lifespan Development

**Spring**
- BIO218 Fundamentals of Microbiology
- PSY100 General Psychology OR
- PSY234 Developmental Psychology OR
- HES212 Lifespan Development

The following prerequisite courses are to be completed prior to entering the nursing program in the junior year.

- BIO101 Principles of Biology, fulfills NASP
- CHE107 General Chemistry, NASP
- BIO218 Fundamentals of Microbiology, NASP
- HES234 Human Anatomy and Physiology I, NASP
- HES235 Human Anatomy and Physiology II
- NUR201 Pre-health Professions: Interdisciplinary Look at Health Issues (This course has a community based learning component.)
- PSY100 General Psychology, SOCSCI

Choose one:
- PSY234 Developmental Psychology, OR
- HES212 Lifespan Development

One from the following:
- S/A111 Cultural Anthropology
- S/A113 Social Problems Principles of Sociology
- S/A231 Kinship, Marriage, and Sexuality
- S/A242 Drugs and Society
- S/A262 Sociology of Medicine
- GWS224 Staying Alive

Certification as a nursing assistant is required prior to entering the nursing program in the junior year.

---

**PHILOSOPHY**
https://gustavus.edu/philosophy/

Courses at the 100 level are specifically designed for students who have had no previous training in philosophy. Students thinking of majoring or minoring in philosophy are encouraged to consult with a faculty member in the Department of Philosophy about whether it is appropriate to begin at the 100 or 200 level. The department offers several courses at the 100 level that are topical and appropriate for first year students. The core courses for the major, such as Ancient Philosophy, Modern Philosophy, and Ethical Theory, are 200 level courses. They do not have prerequisites. However, whether it is appropriate for a student to begin at the 100 or 200 level depends on the particular student’s academic background.

Possible First Year Program: Beside the listed courses, choose two or three courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose electives.

**Fall**
- PHI100 level
- PHI1201 Ancient Philosophy
- PHI147 Applied Ethics
- Language Course

**Spring**
- PHI1202 Modern Philosophy
- Language Course
- Electives
It is important that students who intend to major in physics or are interested in pre-engineering take Physics 195/196, The Cosmic Universe, and MCS121, Calculus I (or higher), in the fall semester of their first year. Failure to do this will make it more difficult for the student to complete the full range of physics courses which are desirable for graduate- or professional-school preparation.

Please note that an AP test in Physics will not substitute for The Cosmic Universe as the topics covered are not the same.

See the Academic Bulletin for information about Pre-Engineering.

If Calculus I and II have been completed in the first year, it is possible to fulfill the minimum graduation requirements for a major in physics during the last three years at Gustavus. However, even with a doubling up of courses and some adjustments of prerequisites, it will generally not be possible in those three years for you to take the full sequence of courses that is recommended for graduate school in physics or engineering. Scheduling problems are much more likely to occur in your junior and senior years if you are behind in the physics sequence. In addition, the required PHY305 (Experimental Modern Physics) laboratory and senior theory courses presume a background gained in preceding courses.

Historically, one of the best predictors of a student's ability to succeed in the physics/math sequence during their first semester at Gustavus is the Math ACT score. If there are questions about the appropriateness of a proposed course of study, please contact a faculty member from the Physics Department during the summer registration sessions.

- Are you a student with a solid Math ACT and a desire to major in Physics or to pursue Pre-engineering? Embrace the curriculum and take the recommended courses.
- All of those interested in Physics should be certain to indicate your interest before new student registration, so that you can be assigned to a Physics or Math professor for advising and registration.
- Students who take Physics for pre-health professions prerequisites should usually take the other PHY sequence: namely, General Physics I and II without calculus, PHY120/121 and PHY170/171 or General Physics I and II with calculus PHY122/121 and PHY172/171.

Possible First-Year Program: Besides the courses listed below, choose one or two courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose electives.

**Fall**

- PHY195 The Cosmic Universe
- PHY196 The Cosmic Universe Lab
- MCS121 Calculus I (or MCS122 Calculus II or higher, if appropriate)

**Spring**

- PHY205 The Mechanical Universe
- PHY206 The Mechanical Universe Lab
- 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 College Catalog and to this manual for further information.

---

**POLITICAL SCIENCE**

Students are encouraged to begin the major by taking one introductory course from each of the three basic fields of study:

- POL110 U.S. Government and Politics
- POL130 International Relations or
- POL150 Comparative Politics
- POL160 Political and Legal Thinking

These courses can be taken in any order; students who score a 4 or 5 on the AP Government and Politics or the AP Comparative Politics exam will receive credit for the Gustavus version of that course. After completing the introductory courses, students normally enroll in Analyzing Politics (POL 200), which develops skills in political analysis and critical thinking within all areas of the discipline. POL 200 will normally be taken in the sophomore year, after which students jump off into our advanced course offerings, choosing their programs of study in consultation with a departmental advisor.

Possible First-Year Programs: Besides the listed courses, choose two or three courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose electives.

**Fall**

- POL110 or 130 or 150 or 160

**Spring**

- POL110 or 130 or 160 or other Social Science area
Possible First Year Program: Besides the listed courses, choose two or three courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose electives.

**Fall**
PSY100 General Psychology (fall or spring)

**Spring**
200-level Psychology course

---

**RELIGION**

If you are new to Gustavus and have never studied religion in high school, then you might be wondering what it means to study religion as an academic subject in college. What is the focus of religion courses? If you take a course in religion, then are you required to hold certain religious beliefs? If you end up majoring in religion, do you have any real job prospects?

At Gustavus, the academic study of religion invites everyone—whether part of a religious tradition or not—to explore life’s big questions and diverse world religions while gaining skills needed in many careers. The study of religion provides students with critical insights into the values and viewpoints of diverse peoples and cultures. Religion is, and has been, a factor in the lives of billions of people throughout the world. Today, more than 80 percent of people worldwide identify with a religious group. Religions continue to play a significant role in the social, political, economic, and ethical life of communities. By studying religion at Gustavus, students have the opportunity:

- to develop a critical appreciation of religion as a basic aspect of human experience;
- to cultivate a mature understanding of Christianity;
- to understand the significance of other religious traditions; and
- to explore their own spiritual and religious commitments.

Studying religion also opens up a number of career paths. A major or minor in religion provides a foundation for entering medicine, law, psychology, economics, Asian studies, and American studies, to name a few examples. It prepares students to engage in various forms of ministry or assume leadership roles in faith-based organizations. By fostering cross-cultural understanding and a critical appreciation of religious traditions, the study of religion helps us to work toward building a more just and peaceful world.

If you are interested in studying religion, either as a major or minor or simply as someone who wants to understand the religiously complex world in which we live, the religion department offers introductory courses that are a good place to begin. All of our introductory courses include the study of multiple traditions. Some of these courses emphasize the Christian tradition. These courses fulfill the college’s THEOL requirement. Other courses emphasize the comparative element more. These fulfill the college’s GLOBL and HIPHI requirements.

The following introductory courses are offered for Fall 2015:

**Theol**
REL110 The Bible
REL123 Faith/Religion/Culture
REL113 Religion in America
REL132 Religion & Ecology

**GLOBL and HIPHI**
REL115 World Religions

The department also offers more advanced courses that might be appropriate for people with strong backgrounds in history or religion. These courses fulfill other requirements in the Liberal Arts Perspective (LAP) curriculum.

<table>
<thead>
<tr>
<th>Course</th>
<th>LAP Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL243 Ethics and Medicine</td>
<td>SOSCI</td>
</tr>
<tr>
<td>REL255 Islam</td>
<td>HIPHI</td>
</tr>
<tr>
<td>REL272 Luther and the Global Church</td>
<td>HIPHI and WRITI</td>
</tr>
<tr>
<td>REL244 Buddhist Yoga</td>
<td>GLOBL and HIPHI</td>
</tr>
</tbody>
</table>

If you are interested in seminary or graduate studies related to the study of ancient texts, then you can fulfill your language requirement by taking Greek (introductory courses are offered in the Classics Department) or Hebrew (introductory courses offered by the religion department every other year). Another foreign language often required in graduate studies in religion is German (offered every semester in Foreign Languages).

For more information on the religion major and minor, visit our website [https://gustavus.edu/religion/](https://gustavus.edu/religion/). The major requires nine courses and the minor five. Any of the introductory courses will count toward a major or a minor and provide a good foundation for further exploration.
RUSSIAN & EASTERN EUROPEAN STUDIES
https://gustavus.edu/mlc/cees/

This interdisciplinary major familiarizes students with language, literature, culture, civilization, history, and economics of Russia and other Eastern European nations. Students take classes in Russian language, literature, culture and history, and optionally, political science and other fields approved by the program director.

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 language experience should contact Professor Crnkovic for a placement assessment.

Study abroad experiences in Russia or Eastern Europe are strongly encouraged.

SCANDINAVIAN STUDIES AND SWEDISH
https://gustavus.edu/scand-studies/

The Department of Scandinavian Studies provides opportunities for students to gain mastery of Swedish language and learn about the Nordic countries’ cultural contributions, their place in history, and their varied roles in today’s world, especially in the context of the European Union. Swedish is the only Nordic language taught on a regular basis.

In addition to offering Swedish language (SWE) courses at the elementary (100), intermediate (200), and advanced (300) levels, we offer Scandinavian area/cultural studies (SCA) courses on Nordic literature, Nordic history, and Nordic society and culture. These SCA courses are taught in English with an emphasis on interdisciplinary cultural studies of contemporary Scandinavia. These area/cultural studies courses are intended for both Scandinavian Studies majors and minors, and for the general student. Most SCA courses fulfill general curriculum requirements.

Possible First-Year Program: Besides the listed Swedish language (SWE) courses and Scandinavian area/cultural studies (SCA) courses, choose two or three courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose S/A electives.

Fall - choose one of the following:
SWE101  SCA224
*SWE201  SCA234
*SWE301  HIS218

Spring - choose one of the following:
SWE102  SCA350
SWE202  SCA344
SWE344  HIS219

*SStudents 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. Students who have studied in Sweden for a year generally start with SWE201 (Intermediate Swedish). In exceptional cases, well-prepared students may even start with Advanced Swedish (SWE301).

SOCIIOLOGY AND ANTHROPOLOGY
https://gustavus.edu/soc-anthro/

Possible First-Year Program: Beside the listed courses, choose two or three courses from general education areas according to your choice of Liberal Arts Perspective or Three Crowns Curriculum, or choose S/A electives.

Fall
S/A111 Cultural Anthropology or
S/A112 Principles of Sociology

Spring
S/A111 Cultural Anthropology or
S/A112 Principles of Sociology

THEATRE AND DANCE
https://gustavus.edu/theatre-dance/

Theatre Major
Incoming students interested in a Theatre Major should consider:

FALL (choose at least one, possibly two)
T/D103 Beginning Experiments in Design
T/D106 Beginning Acting
T/D136 Creating Social Justice Theatre

*Offered fall semester even years:
*T/D130 Foundations of Western Theatre History
*T/D221 Light and Sound: Craft and Design

January Interim Experience
Audition in the fall to Perform in the January Interim Experience intensive production or sign up for technical courses in Scenery and Costume construction.

SPRING (choose at least one, possibly two)
T/D106 Beginning Acting
T/D244 Physical and Site Specific Performance (an option to fulfill a major requirement)

Dance Major
Incoming students interested in a Dance major should consider:

FALL (choose at least one, possibly two)
*For students with little or no dance experience:
T/D102 Fundamental Modern Dance
T/D104 Beginning Ballet
*For students with a foundation of dance technique:
T/D105 Beginning Modern Dance

SPRING (choose at least one, possibly two)

*For students with little or no dance experience:
T/D102 Fundamental Modern Dance
T/D104 Beginning Ballet
T/D109 Beginning Jazz (Offered every other year.)

*For students with a foundation of dance technique:
T/D105 Beginning Modern Dance

*For proficient Ballet dancers:
T/D234 Intermediate Ballet

*For proficient Modern dancers:
T/D235 Intermediate Modern Dance

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. T/D105, Beginning Modern Dance is the gateway course for the Dance major. It is geared toward the student with previous training in dance, such as ballet or jazz, who has not had the opportunity to study modern dance technique. Students with substantial ballet training should consider T/D234 Intermediate Ballet, which is geared toward the student with more than three years previous training. T/D102: Fundamental Modern Dance, T/D105 Beginning Modern Dance, T/D 04 Beginning Ballet and T/D109 Beginning Jazz Dance are for the student with little or no previous dance training. Students with previous training may register for intermediate level dance classes with the permission of the instructor.

Performance Auditions
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 First Year Orientation week. Plan to attend the Theatre/Dance meeting in Anderson, and then shift to the Kresge Dance Studio for the audition.

The fall semester theatre productions audition the first few weeks of class, so interested students should plan to have a prepared audition piece. First-year students absolutely have a shot at being cast in a faculty-directed show and are welcomed at the auditions. There are also a number of student-directed performances which hold auditions.

Backstage Opportunities
There are many venues where a student can get involved behind the scenes of our productions. The most prominent of these are the student staffed Scenery and Costume shops, which build our mainstage productions. Working in the shops can be a part of a student's on campus work study 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 backstage positions are advertised via our department email alias, though students should also feel free to contact the Theatre and Dance faculty about their interest to work backstage.

PRE-PROFESSIONAL INTERESTS

If you are considering a pre-professional career, a good place to begin your research is in the Career Development office. There are a number of resources that describe occupations and the education involved, as well as directories of graduate, law, medical, MBA, architectural, and dental programs.

Since requirements for professional schools vary from school to school and can change year by year, you must carefully examine the catalog of the schools you are interested in to be current and accurate registering for courses at Gustavus. Recommended courses include prerequisite courses needed at Gustavus to take the courses required by the professional schools.

If you are in Three Crowns Curriculum, see your Three Crowns Curriculum advisor about fulfilling major and/or pre-professional prerequisites and general education requirements.

The following listing is incomplete. More pre-professional interests can be found in the college catalog here: https://gustavus.edu/general_catalog/current/preprof.

Pre-Health Careers require that you begin science classes right away.

Pre-Dental
https://gustavus.edu/servantleadership/careercenter/health/Pre-Dental.php

• It is recommended as a pre-dental student that you enroll in both BIO101 and CHE107.

Enrolling in both will keep you on track with your pre-requisite course sequence. Science courses are sequenced and usually offered only one semester/year.

First Year - Fall
BIO101 Principles of Biology
CHE107 Principles of Chemistry
FTS100 (Writing Intensive course, WRITI)
PSY100 General Psychology (or Spring)

Spring
BIO102 Organismal Biology
CHE141 Organic Chemistry I
MCS121 or 118/119 Calculus or MCS177 or MCS142 Statistics
Pre-Medicine
https://gustavus.edu/servantleadership/careercenter/health/Pre-Medicine.php

- It is recommended as a pre-medical student that you enroll in both BIO101 and CHE107.

Enrolling in both will keep you on track with your pre-requisite course sequence. Science courses are sequenced and usually offered only one semester/year.

First Year - Fall
BIO101 Principles of Biology
CHE107 Principles of Chemistry
FTS100 (Writing Intensive course, WRITI)
S/A112 Principles of Sociology or PSY100 General Psychology

Spring
BIO102 Organismal Biology
CHE141 Organic Chemistry I
S/A112 Principles of Sociology or PSY100 General Psychology

Pre-Occupational Therapy
https://gustavus.edu/servantleadership/careercenter/health/OTGustavusAdolphusCollege.php

First Year - Fall
FTS100 (Writing Intensive course, WRITI)
PSY100 General Psychology

Spring
S/A111 or 112 or 113
Pre-Physical Therapy
https://gustavus.edu/servantleadership/careercenter/health/PT.php

First Year - Fall
BIO101 Principles of Biology
FTS100 (Writing Intensive course, WRITI)
PSY100 General Psychology

Spring
BIO102 Organismal Biology
S/A111, 112, 113 or other S/A course
MCS121 or 118/119 (Pre-requisite for MCS142 Intro to Statistics)

Pre-Pharmacy
https://gustavus.edu/servantleadership/careercenter/health/Pre-Pharmacy.php

- It is recommended as a pre-pharmacy student that you enroll in both BIO101 and CHE107.

Enrolling in both will keep you on track with your pre-requisite course sequence. Science courses are sequenced and usually offered only one semester/year.

First Year - Fall
BIO101 Principles of Biology
CHE107 Principles of Chemistry
FTS100 (Writing Intensive course, WRITI)

Spring
BIO102 Organismal Biology
CHE141 Organic Chemistry I
PSY100 General Psychology

Pre-Veterinary
https://gustavus.edu/servantleadership/careercenter/health/VeterinaryMedicine.php

- It is recommended as a pre-veterinary student that you enroll in both BIO101 and CHE107.

Enrolling in both will keep you on track with your pre-requisite course sequence. Science courses are sequenced and usually offered only one semester/year.

First Year - Fall
BIO101 Principles of Biology
CHE107 Principles of Chemistry
FTS100 (Writing Intensive course, WRITI)

Spring
BIO102 Organismal Biology
CHE141 Organic Chemistry I
Arts & Humanities/Social Science Elective