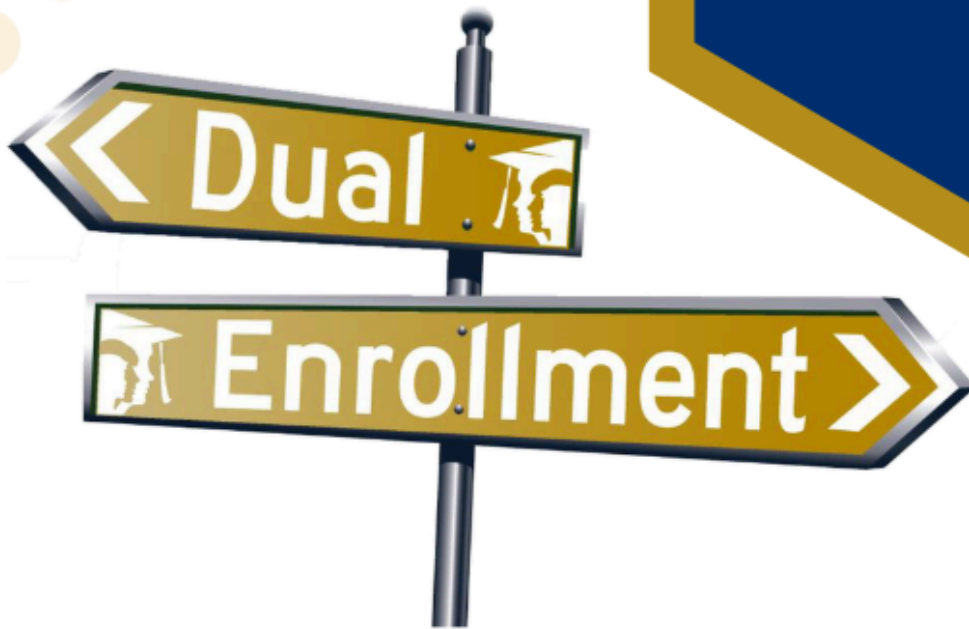




DUAL ENROLLMENT ADVISEMENT GUIDE

2026/2027



HOW TO USE THIS GUIDE

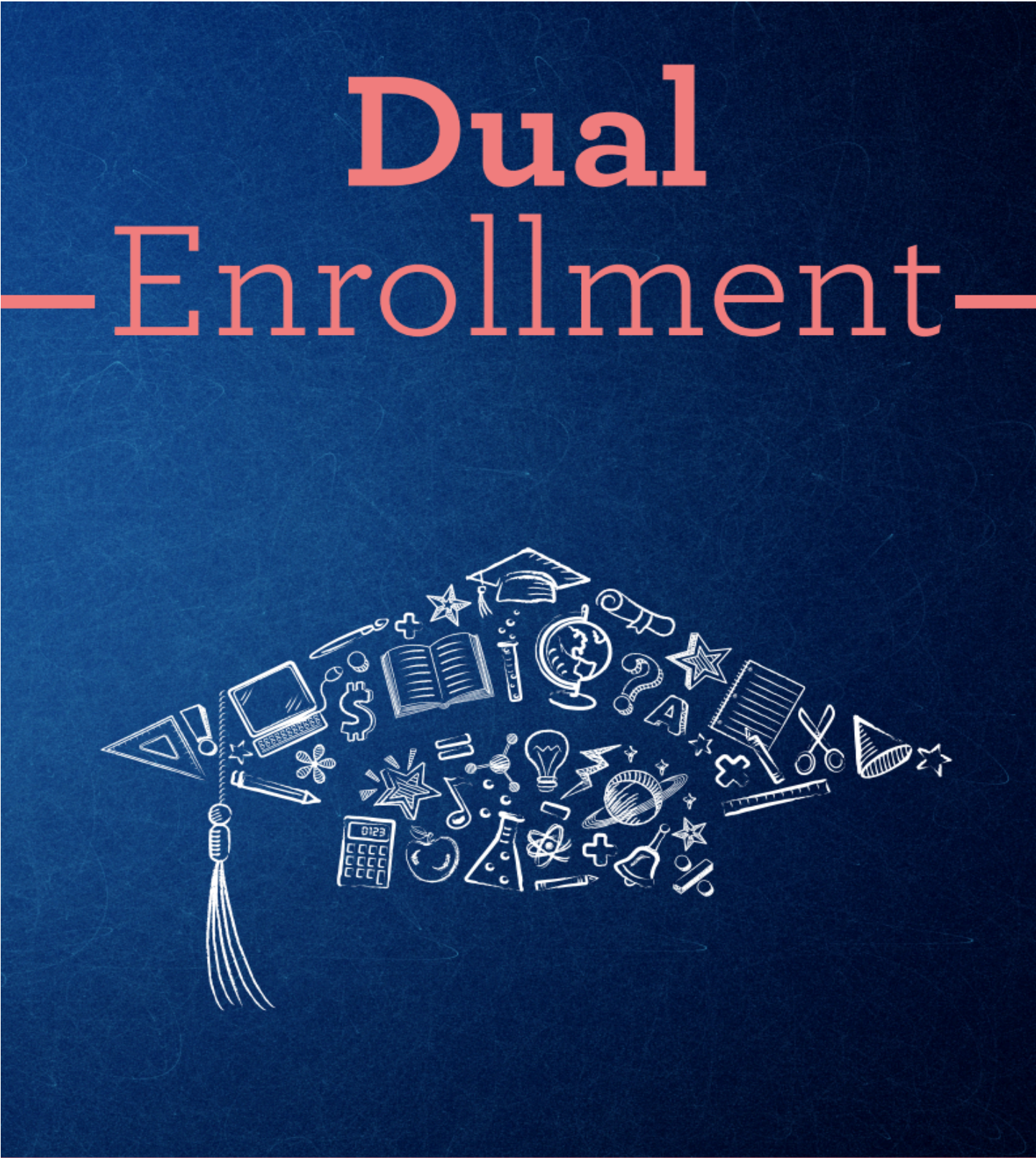
Start with the end in mind
What are your Dual Enrollment goals?

- Trying to earn core college credit now to save time and money? Align your choices with the Core Impact requirements. (page 7).
- Wondering about the most common Dual Enrollment courses our students take that may satisfy high school graduation requirements? (page 9).
- Want to know what technical college courses will transfer to in-state 4-year college and universities? (pages 10-12).
- Need advice on which Dual Enrollment math class is best based on what college major you intend to pursue? (pages 13-16).
- Looking for science course recommendations based on college major? (pages 17-18).

This advisement guide is intended to help FCS families make intentional choices about Dual Enrollment classes that best fit their child's goals and interests.



Informational resource from www.gafutures.org



GAfutures.org
Explore. Plan. Succeed.

DUAL
ENROLLMENT

Dual Enrollment

Georgia's Dual Enrollment program allows high school students (10th – 12th grade) to earn college credits while working on their high school diploma. Dual Enrollment is designed to make it easier for students to take advantage of all the options to enroll in college courses while still in high school.

(Public high school students pursuing an accelerated career diploma (ACD) must apply for ACE Grant.)

Funding Cap

- The Dual Enrollment Funding Cap is 30 semester or 45 quarter hours.
- The Funding Cap is a hard cap based on hours paid by the Dual Enrollment funding program for terms of enrollment (as invoiced by the postsecondary institutions).
- The Funding Cap does not include dual credit coursework attempted and paid by other sources.
- All students are subject to the Dual Enrollment Funding Cap.

Student Eligibility

- Any student enrolled in and physically attending a public or private high school in Georgia or an eligible home study program. Student's high school or home study program has completed a Participation Agreement.
- 11th and 12th graders may take any approved Dual Enrollment courses listed on the Course Directory, at an eligible participating postsecondary institution (USG, TCSG or private).
- 10th graders may enroll in approved Career, Technical and Agricultural Education (CTAE) courses listed on the Course Directory at a participating TCSG institution only.
- 10th graders who have a minimum SAT score of 1200 or minimum ACT composite score of 26 on a single national test administration, may enroll in any approved courses listed on the Course Directory at a TCSG, USG or private eligible participating postsecondary institution. Note: The student's qualifying test score must be in GSFC's system prior to the student's Dual Enrollment funding Application being approved by the high school or home study.
- No residency requirement.
- Dual Enrollment funding is only available for a maximum of 15 semester hours or 12 quarter hours per term.
- Admission requirements at the chosen postsecondary institution(s) must be met.
- A student must maintain Satisfactory Academic Progress (SAP) as defined by the college or university they are attending.
- Students that complete high school graduation requirements prior to officially graduating may continue participation in Dual Enrollment until high school graduation.
- Meet federal Selective Service registration requirements, per Georgia state law. The requirement to register applies to males who were born on or after January 1, 1960, are at least 18, are citizens or eligible non-citizens who came to the United States prior to age 26

Program requirements and eligibility are subject to change

Course Options

Students must select eligible approved courses from the Dual Enrollment Course Directory on **GAfutures.org**. The Course Directory includes comparable required courses such as degree and non-degree level core courses (English, math, science, social studies, foreign language), and Career, Technical and Agricultural Education courses. Course selections must be approved for high school credit by the student's high school counselor. Dual Enrollment courses are available for fall, spring and summer semesters and fall, winter, spring and summer quarters.

Tuition, Mandatory Fees and Books

The specific Dual Enrollment award amount will vary based on the postsecondary institution and the number of credit hours in which a student is enrolled. Complete Dual Enrollment award amounts are available on **GAfutures.org**. In most cases, the program covers all required standard tuition, mandatory fees and required book expenses. Students are responsible for lost or damaged books, books that are considered optional or specific course-related fees, such as a lab fee.

Benefits of Dual Enrollment for Students

- Earning college credits while still in high school may enable students to graduate early and/or possibly even earn an associate degree, diploma or certificate.
- Dual enrollment can help students adjust to certain aspects of the college experience (e.g., classes, coursework, instruction, being on a college campus) so the transition from high school to college may be easier.
- Students who participate in a dual enrollment program are more likely to go to college and earn a degree.
- Students may be able to take classes that are not offered at their high school, especially in subject areas they are interested in for a potential career.
- Taking college-level classes while still in high school may build confidence and encourage those students who may not be thinking about college to reconsider.

Application Process

- The annual online application is completed through **GAfutures.org**.
- Application deadlines may vary. Students should check with their high school and postsecondary institution for the application deadline for each term.
- Students attending a Georgia eligible participating public or private high school must complete the annual online Dual Enrollment funding application.
- Students attending a home study program must complete the annual online Dual Enrollment funding application
 - First, the Georgia home study parent/guardian official must create a GAfutures Education Professional account for the name of the home study program. The Georgia Home Study Program parent/guardian will receive an assigned HSP# to provide to the student prior to completing the annual online Dual Enrollment funding application.
- Once the student has completed their portion of the application, the parent/guardian must electronically complete the Parent Participation Agreement section of the student's application.
 - Provide parent/guardian's email address.
 - Parent receives an email to complete the online acknowledgment.
- The student's eligible participating high school counselor must approve the student's Dual Enrollment courses and funding application.
- The student must be accepted by the college. The eligible participating college must approve the student's Dual Enrollment courses and funding application.

Frequently Asked Questions

- **What do students have to do to participate in Dual Enrollment?**
To participate in Dual Enrollment, students must meet the admission requirements and be accepted at the postsecondary institution(s) of their choice, and make satisfactory academic progress. Interested students should see their high school counselor and visit **GAfutures.org** for complete program information and to access the annual online Dual Enrollment funding application.
- **What expenses does the Dual Enrollment program cover for eligible participants?**
Students who meet all eligibility requirements will receive a student-specific award amount to be applied to tuition, mandatory fees and required books for a maximum of 15 semester or 12 quarter hours per term. The award amounts for Dual Enrollment can be found on **GAfutures.org** and are paid directly to the postsecondary institution. The postsecondary institution must provide the required textbooks for the approved Dual Enrollment courses. How the books are provided to the Dual Enrollment student is determined by the postsecondary institution.



Frequently Asked Questions

- **What expenses are students responsible for when they are receiving Dual Enrollment Funding?**
Students may incur expenses for course-related fees and supplies required for a particular course or optional fees charged by the postsecondary institution. If the postsecondary institution provided the textbooks through a lending program, students may be charged a lost or damaged book fee if the book is not returned in the required condition. Contact the postsecondary institution selected for more information. Students are responsible for tuition and fees for any course(s) taken that is not listed in the Dual Enrollment Course Directory and listed on their Dual Enrollment funding application.
- **What expenses are students responsible for upon reaching the Dual Enrollment Funding Cap?**
Students are responsible for charges as a result of hours which are not covered by the Dual Enrollment funding program such as continuing to enroll in dual enrollment coursework upon reaching the Funding Cap or enrollment in courses not listed on the approved Course Directory. Upon reaching the Funding Cap, the eligible postsecondary institution may charge tuition and a prorated portion of the mandatory fees and book costs, based on credit hours not covered by Dual Enrollment funding.
- **Can a Dual Enrollment student attend more than one postsecondary institution in one term?**
Yes, a Dual Enrollment student may take courses at more than one postsecondary institution. The Dual Enrollment funding application must be completed for each participating eligible postsecondary institution. The student is eligible to receive Dual Enrollment funds for tuition, mandatory fees and book allowance for a maximum of 15 semester or 12 quarter hours per term.
- **Is there a limit to the number of credit hours a student may enroll in during one term?**
An eligible Dual Enrollment student may enroll in and receive funding for courses up to the maximum of 15 semester or 12 quarter hours per term.
- **What classes/courses are available to students?**
Approved courses for Dual Enrollment are listed in the Dual Enrollment Course Directory. Approved classes may include degree level or non-degree level courses in the five main academic areas (English, math, science, social studies and foreign language), as well as Career, Technical and Agricultural Education offerings. The Course Directory can be found on **GAfutures.org**. The courses a student chooses each term must be listed on his or her Dual Enrollment funding application and must be approved by the high school and postsecondary institution(s) he or she will be attending.
- **Can students participate in Dual Enrollment if they will be in high school longer than four years?**
Yes, eligible students may participate until they reach the Funding Cap.

Other State Financial Aid Programs

- GSFC administers other state financial aid programs for the state of Georgia. These programs are designed to assist students with the cost of their postsecondary education. For more information, visit **GAfutures.org**.
 - Accelerated Career Education (ACE) Grant
 - Behavioral Health Professions Service Cancelable Loan
 - Georgia College Completion Grant
 - Georgia HERO Scholarship
 - Georgia Military College State Service Scholarship
 - Georgia National Guard Service Cancelable Loan
 - Georgia Public Service Memorial Grant
 - HOPE Career Grant
 - HOPE Grant
 - HOPE Scholarship
 - Inclusive Postsecondary Education Grant
 - Peace Officer Loan Repayment
 - REACH Georgia Scholarship
 - Scholarship for Engineering Education
 - Georgia Tuition Equalization Grant
 - University of North Georgia Military Scholarship
 - University of North Georgia ROTC Grant
 - University of North Georgia ROTC Grant for Future Officers
 - Zell Miller Grant
 - Zell Miller Scholarship

GAfutures.org
Explore. Plan. Succeed.

GSFC | Georgia Student
Finance Commission

800.505.4732





Advisement information from: <https://www.usg.edu/curriculum/core-impacts>

Core IMPACTS at USG (University System of Georgia)

Every student in the University System of Georgia engages in a General Education curriculum – Core IMPACTS – that provides a solid foundation for life, learning, and careers, and helps you build momentum to fulfill your academic, personal, and professional aspirations. Core IMPACTS introduces the different ways we have of knowing the world and connects you to the big questions that drive your future and provide the essential skills needed to succeed. The IMPACTS Core is structured across seven areas:

Institutional Priority

Mathematics and Quantitative Skills

Political Science and U.S. History

Arts, Humanities and Ethics

Communicating in Writing

Technology, Mathematics and Sciences

Social Sciences

Students going to USG Schools will take 42 credit hours (or about 13 – 14 courses, depending on your college/university) in Core IMPACTS, with flexibility in course choices based on your interests, course of study, and program recommendations. Core IMPACTS courses are transferable among USG institutions, giving you options to find the best fit.

Advisement Best Practices for Forsyth County Students:

- Consider reviewing the Core Impact requirements for your intended major at the college/university you want to attend before selecting your Dual Enrollment courses. Generally, you can find this information by searching, “name of college and core impact curriculum.”
- Next, select Dual Enrollment courses that align with Core IMPACT courses you will be required to take in college. Review these options with your high school counselor and your Dual Enrollment advisor.
- If you have Advanced Placement (AP) credits, consider checking the College Board website to see what courses you may earn college credit for before selecting your Dual Enrollment classes to avoid course duplication.



CollegeBoard provides a tool for students to search by AP Course Name or College Name to find what credit may be offered based on AP test score.

<https://apstudents.collegeboard.org/getting-credit-placement/search-policies>

AP Students Home Getting Started AP Courses & Exams Taking Exams Scores **Credit & Placement** Help Calendar

AP Credit Policy Search

Your AP scores could earn you college credit or advanced placement (meaning you could skip certain courses in college). Use this tool to find colleges that offer credit or placement for AP scores.

☒ Search by Course

AP Course

☐ Find Your College

Go



High School Courses and Dual Enrollment

**Information below is provided as guidance to students and families. It is not an exhaustive list of all available courses that may satisfy high school graduation requirements. GAFutures Dual Enrollment Course Directory provides the most up-to-date and official information on courses eligible for Dual Enrollment funding. Courses may have prerequisites, set by the college.*

Most common Dual Enrollment Courses that may satisfy high school graduation requirements:

Subject	High School Course	Technical College Course*	University System of Georgia Course*	College Course Name*
English	3rd and/or 4th ELA courses	ENGL 1101 ENGL 1102	ENGL 1101 ENGL 1102	Composition & Rhetoric or English Composition 1 British Literature or English Composition 2
Math	4th math course	MATH 1111 MATH 1113 MATH 1127	MATH 1111 MATH 1113 MATH 1401	College Algebra Precalculus Intro to Statistics or Elementary Statistics
Social Studies	American Government	POLS 1101	POLS 1101	American Government
Social Studies	US History	HIST 2111 HIST 2112	HIST 2111 HIST 2112	U.S. History 1 U.S. History 2
Social Studies	Personal Finance and Economics	ECON 1101	ECON 1101	Principles of Economics or Economics of Financial Literacy
Science	4th science course	BIOL 1111 & L CHEM 1211 & L	BIOL 1101 and L or BIOL 1107K CHEM 1151 and L or CHEM 1151K	Biology 1 & Lab (Principles of) Chemistry 1 & Lab (Survey of)
World Language	Level 1 or higher	SPAN 1101	SPAN 1001 FREN 1001	Intro to Spanish Lang/Culture or Elementary Spanish 1 Elementary French 1

****College course names and options vary by college.***



Advisement document from:

https://www.usg.edu/academic_affairs_handbook/assets/academic_affairs_handbook/docs/TCSGUSGTransfer.pdf

General Education Course Transfer Chart for the Technical College System of Georgia (TCSG) and the University System of Georgia (USG)

USG and TCSG institutions accept the general education courses below for transfer between their respective accredited institutions:

TCSG Prefix & Number	TCSG Title	USG course equivalent	USG IMPACTS Core Domain option(s) if USG course equivalent is not available
ARTS 1101	Art Appreciation	ARTS 1100 – 1107	Arts, Humanities & Ethics
BIOL 1111 BIOL 1111L	Biology I Biology Lab I	No common number	Technology, Mathematics & Sciences
BIOL 1112 BIOL 1112L	Biology II Biology Lab II	No common number	Technology, Mathematics & Sciences
CHEM 1151 CHEM 1151L	Survey of Inorganic Chemistry Survey of Inorganic Chemistry Lab	CHEM 1151 CHEM 1151L	Technology, Mathematics & Sciences
CHEM 1152 CHEM 1152L	Survey of Organic Chemistry and Biochemistry Survey of Organic Chemistry and Biochemistry Lab	CHEM 1152 CHEM 1152L	Technology, Mathematics & Sciences
COMM 1100 ³	Human Communication	COMM 1100	• Institutional Priority OR • Arts, Humanities, & Ethics
ECON 1101	Principles of Economics	ECON 1101	Social Sciences
ECON 2105	Macroeconomics	ECON 2105	Social Sciences
ECON 2106	Microeconomics	ECON 2106	Social Sciences
ENGL 1101	Composition and Rhetoric	ENGL 1101	Communicating in Writing
ENGL 1102	Literature and Composition	ENGL 1102	Communicating in Writing
ENGL 2110 ³	World Literature	ENGL 2110 or 2111	Arts, Humanities, & Ethics
ENGL 2130	American Literature	ENGL 2130	Arts, Humanities, & Ethics
ENGL 2310 ³	English Literature - Beginnings to 1700	ENGL 2120 or 2121	Arts, Humanities, & Ethics

HIST 1111	World History I to 1500	HIST 1111	Social Sciences
HIST 1112	World History II since 1500	HIST 1112	Social Sciences
HIST 2111 ²	U.S. History I to 1877	HIST 2111 ²	Political Science and US History
HIST 2112 ²	U.S. History II since 1865	HIST 2112 ²	Political Science and US History
HUMN 1101	Introduction to Humanities	HUMN 1101	Arts, Humanities, & Ethics
MATH 1101	Mathematical Modeling	MATH 1101	Mathematics and Quantitative Skills
MATH 1103	Quantitative Skills and Reasoning	MATH 1001	Mathematics and Quantitative Skills
MATH 1111	College Algebra	MATH 1111	Mathematics and Quantitative Skills
MATH 1113	Precalculus	MATH 1113	• Mathematics and Quantitative Skills OR • Technology, Mathematics & Sciences
MATH 1127	Introduction to Statistics	MATH 1401 or STAT 1401	• Mathematics and Quantitative Skills (<i>if approved for the Mathematics domain at the USG institution</i>) OR • Technology, Mathematics & Sciences

MATH 1131	Calculus I	No common number	• Mathematics and Quantitative Skills OR • Technology, Mathematics & -+Sciences
MUSC 1101 ³	Music Appreciation	MUSC 1100	Arts, Humanities, & Ethics
PHYS 1111 PHYS 1111L	Introductory Physics I Introductory Physics I Lab	PHYS 1111 PHYS 1111L	Technology, Mathematics & Sciences <i>Algebra-based physics credit</i>
PHYS 1112 PHYS 1112L	Introductory Physics II Introductory Physics II Lab	PHYS 1112 PHYS 1112L	Technology, Mathematics & Sciences <i>Algebra-based physics credit</i>
POLS 1101 ²	American Government	POLS 1101 ²	Political Science and US History
PSYC 1101	Introductory Psychology	PSYC 1101	Social Sciences



PSYC 2103 ³	Human Development	PSYC 2103	• Social Sciences OR • Field of Study
RELG 1101 ³	World Religions	RELG 1101 – or equivalent	• Arts, Humanities, & Ethics OR • Social Sciences
SOCI 1101	Introduction to Sociology	SOCI 1101	Social Sciences
SPAN 1101 ³	Introduction to Spanish Language & Culture I	SPAN 1001	Arts, Humanities, & Ethics
SPAN 1102 ³	Introduction to Spanish Language & Culture II	SPAN 1002	Arts, Humanities, & Ethics
SPCH 1101	Public Speaking	COMM 1100- 1110	• Institutional Priority OR • Arts, Humanities, & Ethics
THEA 1101 ³	Theater Appreciation	THEA 1100	Arts, Humanities, & Ethics

¹Course equivalents on this table apply only if the receiving USG institution offers a comparable course. If a comparable course is not available at the receiving USG institution, general elective credit will be awarded in the appropriate IMPACTS Domain.

Transfer of courses from the USG to the TCSG will follow the same guidelines.

²Every USG student is required to meet US and Georgia Constitution and US and GA History legislative requirements. This can be satisfied by taking a HIST 2111 or HIST 2112, and POLS 1101.

³ These are new courses added to this transfer chart in May 2025 and must have been taken at a TCSG or USG institution during Summer 2025 or later semesters to qualify for transfer under this agreement. If taken prior to Summer 2025, acceptance of these courses is at the discretion of the institution.

- Effective January 2012
- Updated 8/24/2024 to update common numbering & the USG IMPACTS Core
- Updated 5/16/2025 to expand list based on University System of Georgia Board of Regents and State Board of the Technical College System of Georgia approvals.



Advisement Document from: https://www.usg.edu/student_affairs/prospective_students/opportunities

Mathematics Placement Processes and Recommendations for Dual Enrollment Students

Eligibility to Take Mathematics Courses as a Dual Enrollment Student

Dual Enrollment (DE) students may not enroll in collegiate math courses until they have successfully completed the three Georgia DOE-required high school math courses:

- Coordinate Algebra or Algebra I
- Analytic Geometry or Geometry
- Algebra II (Advanced Algebra)

College mathematics courses taken through DE are only allowed to substitute for the 4th math unit required by both the Georgia DOE and the University System of Georgia. One of the challenges is that students have to apply for DE relatively early and they may not have completed Algebra II (Advanced Algebra) at the time of application. High School (HS) Counselors are supposed to be able to state that the student will have completed the HS math requirement prior to enrolling in a DE math course. However, the ultimate responsibility for ensuring that students have met the HS math requirement falls on the college DE coordinator. College DE Coordinators must ensure that DE students do not take any collegiate math courses until it is verified that these three required high school math courses have been completed.

DE students may not enroll in Corequisite Learning Support math courses or in collegiate mathematics courses for which they do not exempt the Corequisite Learning Support requirement.

The core curriculum mathematics courses available to DE students are listed below. Simply being a DE student does not guarantee that students will be eligible to enroll in all or any of these courses.

First Collegiate Mathematics Courses (Mathematics Domain USG IMPACTS Core)

MATH 1001 Quantitative Reasoning
MATH 1101 Introduction to Mathematical Modeling
MATH 1401/STAT 1401 Elementary Statistics
MATH 1111 College Algebra
MATH 1112 College Trigonometry (equivalent to Precalculus at some institutions)
MATH 1113 Precalculus
Calculus (no common number for this one)

Eligibility to enroll in MATH 1001 Quantitative Reasoning, MATH 1101 Introduction to Mathematical Modeling, or MATH 1401/STAT 1401 Elementary Statistics

The default mathematics placement for DE students is in MATH 1001 Quantitative Reasoning, MATH 1101 Introduction to Mathematical Modeling, or MATH/STAT 1401 Elementary Statistics.

In most cases, the same criteria (SAT math Scores, ACT math scores, Next-Generation Accuplacer Quantitative Reasoning, Algebra, and Statistics test scores) that allow students to be admitted to DE will also allow students to be placed in one of these entry-level mathematics courses: MATH 1001 Quantitative Reasoning or MATH 1101 Introduction to Mathematical Modeling,



or MATH 1401/STAT 1401 Elementary Statistics.

If institutional criteria to enroll in these courses without Corequisite Learning Support are set higher than the Dual Enrollment admission criteria, students will have to be individually evaluated for eligibility to take these courses. Students who do not meet the criteria to exempt Corequisite Learning Support for these courses may not take MATH 1001, 1101, or 1401 and will not be eligible to take any other entry-level USG Mathematics Domain college mathematics courses.

While these courses are the “default placement” for DE students, they may not be the **best** placement for all students. **DE students should also be evaluated for possible placement in higher level mathematics courses**, especially if they are planning on careers or majors that will require calculus.

Eligibility to enroll in MATH 1111 College Algebra

Students must meet institutional test score requirements for placement in MATH 1111 College Algebra. These are higher than the requirements to enroll in MATH 1001, MATH 1101, or MATH/STAT 1401. DE students whose scores would not exempt them from the Corequisite Learning Support requirement for MATH 1111 College Algebra will not be allowed to enroll in that course. Students whose SAT or ACT scores are not high enough for placement into MATH 1111 may be advised to take the Next-Generation Accuplacer Quantitative Reasoning, Algebra, and Statistics placement test to see if they can make a score high enough to place into MATH 1111.

Eligibility to enroll in MATH 1113 Pre-Calculus or Calculus

Institutions have different test score requirements and procedures for placement in MATH 1112 College Trigonometry (which functions as an equivalent to Precalculus at some institutions), MATH 1113 Precalculus, or Calculus. In most cases, students will have to take a distinct placement test and make a qualifying score in order to enroll in these courses.

What is the *best* first college mathematics course for Dual Enrollment students?

The best **first college mathematics course** for a DE student depends on the major a student plans to pursue.

MATH 1001 Quantitative Reasoning, MATH 1101 Introduction to Mathematical Modeling, or MATH 1401/STAT 1401 Elementary Statistics

These courses are recommended for DE students who are **not** planning to major in science, technology, engineering, or mathematics. MATH 1001 Quantitative Reasoning or MATH 1101 Introduction to Mathematical Modeling are recommended first mathematics courses for students planning to pursue majors in health professions, especially nursing. (Nursing students will subsequently take MATH 1401/STAT 1401 Elementary Statistics, but it is recommended that their first college mathematics course be MATH 1001 or MATH 1101.) MATH/STAT 1401 is an appropriate first college mathematics course for DE students who are planning to pursue majors in social or behavioral sciences.

MATH 1111 College Algebra

College Algebra is designed to prepare students for calculus and is not the best mathematics course for students who will not subsequently be taking a calculus course. MATH 1111 College Algebra may be an appropriate first mathematics course for students who plan to major in business, as some



business programs require calculus. Students planning to major in science, technology, engineering, or mathematics should take MATH 1111 as a first college mathematics course **only** if they do not place directly into a higher mathematics course

MATH 1112 College Trigonometry or MATH 1113 Precalculus or Calculus Students planning to major in science, technology, or mathematics should take MATH 1112 College Trigonometry, MATH 1113 Precalculus, or a higher mathematics course for their first college mathematics course.

Calculus

Students planning to major in engineering or to attend the Georgia Institute of Technology should take Calculus I (or higher) for their first college mathematics course.

DE students whose recommended starting USG Mathematics Domain college mathematics courses are at the MATH 1111 level or above must meet specific placement requirements (see above) for their desired mathematics courses. If they do not initially meet those requirements, they should start by enrolling in the highest mathematics course they can place into, and then take more advanced mathematics courses in subsequent semesters.

The diagrams on the next page summarize the entry-level and subsequent mathematics recommendations for students planning on pursuing different majors. Complete recommendations for USG Mathematics Domain courses may be found at: <http://www.completecollegegeorgia.org/math-recommendations>.

Start Smart – Choose the Right MATH Pathway!

	Start here	Start here	Start here	Start here	
Math Course	MATH 1001 Quantitative Reasoning OR MATH 1101 Introduction to Mathematical Modeling (OR MATH 1401 Elementary Statistics ¹)		MATH 1111 College Algebra	MATH 1112 College Trigonometry OR MATH 1113 Pre-calculus	Calculus
What majors start here?	Anthropology Business Administration ² Communication Criminal Justice ¹ Dental Hygiene Digital Media Educator Preparation Birth-to-Five Early Childhood Middle Grades (except Math and Science) P-12 Programs (except Health & Physical Education) Secondary (except Math and Science) English Film/Media Studies Foreign Languages General Studies ¹ Health Information Management ³	History ¹ International Studies ¹ Journalism/ Mass Communication ¹ Music Nursing Occupational Therapy Philosophy ¹ Political Science ¹ Psychology ¹ Public Relations ¹ Recreation Respiratory Therapy Social Work ¹ Sociology ¹ Speech Theatre Visual Arts	Business Administration ² Exercise and Health Science Exercise Science Geography (B.A.) Health and Physical Education (P-12) Health Information Management ³ Information Science Information Technology Logistics ⁴ Radiological Sciences	Agricultural Science ⁵ Architecture Astronomy Biology Chemistry Computer Science Educator Preparation Mathematics (Middle Grades or Secondary) Science (Middle Grades or Secondary) Engineering Technology Environmental Science Forestry Geography (B.S.) Geology Mathematics Pharmacy Physical Therapy Physics	Engineering ALL Georgia Tech students

¹ Students in these majors may take MATH 1001, MATH 1101, or MATH 1401.
² Business Administration recommendations are institution-specific. See the chart below for Business Administration recommendations for each institution.
³ Some Health Information Management programs require MATH 1111 College Algebra. Students should check institutional catalogs.
⁴ Some Logistics programs require MATH 1111 College Algebra. Students should check institutional catalogs.

Recommended First Math Course for Business Majors

MATH 1001 Introduction to Mathematical Modeling or MATH 1111 College Algebra	MATH 1111 College Algebra	MATH 1113 Precalculus	MATH 1551* Differential Calculus and MATH 1552* Integral Calculus * The transfer course number may vary
• Clayton State University • College of Coastal Georgia • Dalton State College • East Georgia State College • Georgia Southwestern State University • Middle Georgia State University	• Albany State University • Atlanta Metropolitan State College • Augusta University • Columbus State University • Fort Valley State University • Georgia College & State University • Georgia Highlands College • Georgia Southern University • Gordon State College • Kennesaw State University • South Georgia State College • Savannah State University • University of North Georgia • University of West Georgia • Valdosta State University	• University of Georgia	• Georgia Institute of Technology



Science Course Recommendations for Dual Enrollment Students

This document provides general guidance only, and nothing in this document is binding on any University System of Georgia institution or on the University System as a whole.

The University System of Georgia IMPACTS Core Curriculum is 42 semester hours divided into seven domains. Each of these domains has a specific set of career-ready competencies that are emphasized in the domain courses and contain classes that can be applied to any major. However, while any course listed within a domain will meet the requirements of the Core and will transfer to the Core of any institution with the USG, some courses are more appropriate for specific majors. As such, students who have a firm grasp on their intended major should be highly encouraged to take the recommended courses for that degree. Recommendations in science and mathematics are especially important as these disciplines often require sequences of courses. Not taking the recommended courses for a major may result in a student needing additional coursework to meet pre-requisites for a specific degree.

Science courses are specifically listed under the STEM domain of the USG IMPACTS Core as noted below. Some mathematics requirements may be listed under the STEM domain but “first math” courses can be found in the Mathematics domain and math course recommendations are discussed in a separate document.

Domain (Career-Ready Competencies)	Description	Possible Courses	Minimum Semester Hours for all USG institutions	Typical Maximum Semester Hours (may vary)
STEM (Inquiry & Analysis, Problem-Solving, Teamwork)	Technology, Mathematics & Sciences 3 courses	While most of the courses in the IMPACTS Core will be 1000/2000 level, some institutions may use 3000/4000 level courses in the core. At least 4 of these hours must be in a lab science course. All institutions require 3 courses: typically 2 science courses and 1 math or computer science course (or a third science course).	10	12

All USG institutions require three courses in the STEM domain with at least one being a lab science. Typically, the requirement is for two science courses and one course in technology or higher-level mathematics. The choice of appropriate courses in the STEM domain can have important consequences for student progression. This is particularly important for students planning to major in STEM disciplines or Health Professions. Students who take a course in the STEM domain other than the recommended course(s) for their major may later have to take additional courses outside of the Core IMPACTS requirements to meet requirements for their majors.

Students who take 11 or 12 credit hours in this domain may earn extra credit(s) that cannot be counted in the STEM domain. This extra credit(s) may be applied to the Field of Study Pre-requisites or general degree requirements outside of the Core IMPACTS general education domains.



STEM Domain Course Recommendations by Major

Non-STEM	Health Professions, including Nursing	STEM
Students may take any of the science courses offered in this domain. Courses with titles beginning with “General” or “Introductory” are usually intended for non-STEM majors.	Students should take a two semester laboratory sequence in physics, chemistry, or biology.	Students should take two four hour laboratory science courses in the STEM domain
Students may take any of the courses approved for the STEM domain at their institutions as their third STEM course.	The appropriate biology courses are Introductory Biology or Principles of Biology	Science courses titled “Principles of ...” are designed for STEM majors.
	The appropriate Chemistry courses are the Survey of Chemistry sequence (CHEM 1151-1152), which is designed for health professions majors, or Principles of Chemistry, which is designed for STEM majors.	STEM students may need a higher-level mathematics (above what was taken for the Mathematics requirement) in this domain.

Updated August 19, 2024



ADDITIONAL DUAL ENROLLMENT RESOURCES

[FCS District Dual Enrollment Website](#)

HS DUAL ENROLLMENT WEB PAGES

ALLIANCE



DENMARK



EAST
FORSYTH



FORSYTH
CENTRAL



LAMBERT



NORTH
FORSYTH



SOUTH
FORSYTH



WEST
FORSYTH



PREFERRED DUAL ENROLLMENT PARTNERS

THESE COLLEGES ARE PREFERRED PARTNERS BECAUSE THEIR PROXIMITY ALLOWS FORSYTH COUNTY STUDENTS EASY ACCESS TO IN-PERSON OR VIRTUAL CLASSES AND CAMPUS RESOURCES SUCH AS TUTORING, WRITING LABS, PROFESSOR OFFICE HOURS, AND MORE.

