Overview of the University System of Georgia Core Curriculum

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 Core Curriculum is 42 semester hours divided into five Areas (A – E) made up of requirements in groups of lower-level courses that are common to pretty much all majors.* (There are some exceptions in Area A2 – Quantitative Skills and Area D – Natural Sciences, Mathematics, and Technology, which are noted on pages 2 - 4.)

Area	Name	Notes	Minimum Semester Hours (at any institution)	Maximum Semester Hours (at any institution)
Area A1	Communication Skills 2 courses	ENGL 1101, ENGL 1102	6	6
Area A2	Quantitative Skills** 1 course	MATH 1001 Quantitative Reasoning MATH 1101 Introduction to Mathematical Modeling MATH 1111 College Algebra MATH 1112 College Trigonometry MATH 1113 Pre-Calculus MATH 1401/STAT 1401 Elementary Statistics Calculus (no common number for this one)	3	4
Area B	Institutional Options 2 – 3 courses	Highly variable, includes foreign language courses at some institutions.	3	7
Area C	Humanities/Fine Arts, and Ethics 2 courses	A literature course is required at many institutions. Completion of ENGL 1102 is typically a prerequisite for literature courses. Also in this area, music appreciation, art appreciation, theatre appreciation, philosophy. Foreign language courses are included at many institutions.	6	6
Area D	Natural Sciences, Mathematics, and Technology*** 3 courses	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
Area E	Social Sciences 3 – 4 courses	This area includes courses that meet the “legislative requirement” in US and Georgia Constitution and History. Typically met by taking POLS 1101 and HIST 2111 or 2112. Courses offered in this area include anthropology, economics, geography, history, political science, psychology, and sociology.	9	12

Specific to a major or program of study:

Area F	Lower-Division Major Requirements Typically 6 courses	Lower division courses required by the degree program and courses that are prerequisites to major courses at higher levels.	18 semester hours

* The University of Georgia uses a different General Education Core Curriculum from other University System of Georgia institutions. The complete University of Georgia core may be viewed at: http://www.bulletin.uga.edu/GenEdCoreBulletin.aspx.

** The **mathematics course** that will count in Area A2 depends on the major a student plans to pursue. Students planning to major in science, technology, engineering, or mathematics must take MATH 1113 (Precalculus) or Calculus for their Area A2 mathematics. Other students may choose from MATH 1001 (Quantitative Reasoning), MATH 1101 (Introduction to Mathematical Modeling), MATH 1401/STAT 1401 (Elementary Statistics), or 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 be taking calculus.

Complete recommendations for Area A2 mathematics may be found at:
http://www.completecollegegeorgia.org/math-recommendations

Students wishing to take MATH 1111 must qualify for **placement** in that course based on SAT scores, ACT scores, or Next-Generation Accuplacer Quantitative Reasoning, Algebra, and Statistics test scores. Students seeking placement in MATH 1112, MATH 1113, or calculus as their entry-level mathematics course must meet institutional requirements for course placement, including additional placement testing.

Who?	**All majors other than those listed to the right**	**Majors in social sciences and statistically-based disciplines**	**Majors that require calculus at some point in the sequence**	**Science, technology, & mathematics majors**	**Engineering majors and all Georgia Tech students**
	Start With	Start With	Start With	Start With	Start With
Area A2 Math course>>	MATH 1001 - Quantitative Reasoning **OR** MATH 1101 – Introduction to Mathematical Modeling	MATH 1401/STAT 1401 Elementary Statistics	MATH 1111 - College Algebra	MATH 1113 - Precalculus or MATH 1112 - Trigonometry	Calculus (no common number)

*** Area D (science and technology) course recommendations may vary by major. Some Area D courses are designed specifically for science, technology, engineering, mathematics, or nursing majors. Students planning to pursue any of these majors should be careful about the Area D courses they choose.

	Students not majoring in science, technology, engineering, mathematics, or health professions	**Health Professions majors (including nursing)**	**Students majoring in science, technology, engineering, or mathematics**
Notes:	All institutions require three courses in this area. Typically the requirement is for two science courses, at least one of which must be a laboratory science, and one other course, which can be a higher level mathematics course, a computer or data science course, or a third science course.		
Science courses:	There are no restrictions on what students can take in this area. Students may take courses intended for non-science majors or may take courses intended for science and health professions majors.	Students in the health professions, including nursing, must fulfill the Area D science requirement with a **two-semester laboratory sequence in either physics, chemistry, or biology**.	Science programs must require **two four-hour laboratory science courses** in Area D.
		The only biology courses that may be used to fulfill this requirement are **Introductory Biology (designed for non-science majors) and Principles of Biology (designed for science majors).**	
		The Survey of Chemistry sequence (CHEM 1151 and CHEM 1152) has been designed for the Area D health professions track. Health professions majors have the option of taking the Survey of Chemistry sequence or the **sequence appropriate for science majors**, but they may not fulfill their Area D requirements with chemistry courses designed for non-science majors.	The Survey of Chemistry sequence may **not** be used to fulfill the science requirements for science majors not in the health professions.
Biology Courses:	**Introductory Biology** (no common number) BIOL 1107-1108 or 2107-2108 Principles of Biology I and II Other Biology Courses	**Introductory Biology** (no common number) **BIOL 1107-1108 or 2107-2108 Principles of Biology I and II**	**BIOL 1107-1108 or 2107-2108 Principles of Biology I and II**

Chemistry Courses:	**CHEM 1101-1102 Introductory Chemistry I and II** CHEM 1151-1152 Survey of Chemistry I and II CHEM 1211-1212 Principles of Chemistry I and II	**CHEM 1151-1152 Survey of Chemistry I and II** CHEM 1211-1212 Principles of Chemistry I and II	**CHEM 1211-1212 Principles of Chemistry I and II**
Physics Courses:	**PHYS 1111-1112 Introductory Physics I and II** PHYS 1211-1212 or PHYS 2211-2212 Principles of Physics	**PHYS 1111-1112 Introductory Physics I and II** **PHYS 1211-1212 or PHYS 2211-2212 Principles of Physics**	PHYS 1111-1112 Introductory Physics I and II (non-calculus-based physics designed for non-science majors; may be allowed for science majors at some institutions) **PHYS 1211-1212 or PHYS 2211-2212 Principles of Physics (calculus-based physics for science majors)**
Other Science Courses:	Astronomy courses, Geology courses, Physical Science courses	Astronomy courses, Geology courses, Physical Science courses (as third science)	Astronomy courses, Geology courses, Physical Science courses (may be allowed for science majors at some institutions)
Mathematics Courses:	MATH 1401 or STAT 1401 Elementary Statistics MATH 1112 – College Trigonometry MATH 1113 – Precalculus Calculus	**MATH 1401 or STAT 1401 Elementary Statistics (or may be taken in Area F)** MATH 1112 – College Trigonometry MATH 1113 – Precalculus Calculus	Science programs may specify a higher level math course in Area D. MATH 1401 or STAT 1401 Elementary (for some majors) Calculus (for non-engineering science majors; engineering majors must take calculus in Area A2)
Computer Science Courses:	CSCI 1301-1302 Computer Science I or II or other technology/computer science courses	CSCI 1301-1302 Computer Science I or II or other technology/computer science courses	CSCI 1301-1302 Computer Science I or II
Data Science Courses:	DATA 1501 Introduction to Data Science		

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