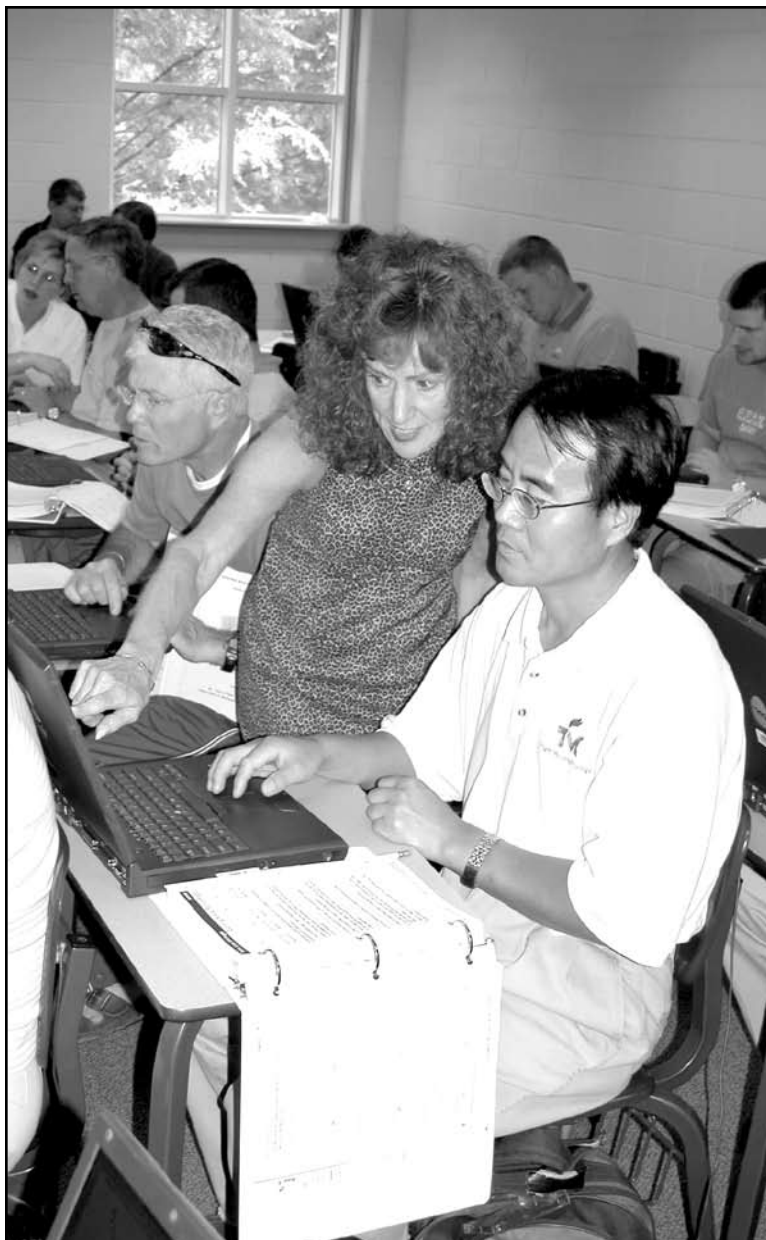


# Core Curriculum

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# Core Curriculum

All baccalaureate degree programs at North Georgia College & State University have as a requirement the satisfactory completion of at least 60 semester credit hours comprising the six areas of the Core Curriculum as outlined below. Individual degree programs may specify particular courses which must be taken within each area of the core curriculum. Those requirements are shown in the course of study for each major. Students who complete the core curriculum (Areas A-F) at a USG institution are guaranteed full credit in transfer if they do not change majors or program of study. Students who complete an area of the core curriculum are guaranteed full credit for that area in transfer if they do not change intended majors or program of study. In Areas C and E, students completing the sending institution's core are guaranteed full transfer credit regardless of changes in intended majors or program of study. Students will receive credit for courses completed in Area A regardless of whether they complete the entire Area. Students switching from a non-math/science to a math/science track must meet the minimum essential skills of pre-calculus or calculus as appropriate. A student who changes his/her major may have to complete additional hours of course work beyond those required for completion of the program.

The Core Curriculum is divided into six basic areas:

## **A. Essential Skills** **9 semester hours**

ENGL 1101	English Composition I	3 hours
ENGL 1102	English Composition II	3 hours

### Non-Mathematics, non-Computer Science and non-science majors:

MATH 1101	Introduction to Mathematical Models	3 hours	or
MATH 1111	College Algebra	3 hours	

**NOTE:** MATH 1111 is recommended for Business majors because this course is a prerequisite for other courses required in the business curriculum. MATH 1111 will count only as elective credit for majors requiring MATH 1113 or a higher level mathematics course.

### Mathematics, Computer Science, Biology, Chemistry, and Physics majors:

MATH 1113	Pre-Calculus	3 hours	or
MATH 2450	Calculus I	4 hours	

(1 hour will be counted in area F)

## **B. Institutional Options** **4 semester hours**

PSYC 1001	Foundations of Leadership	1 hour
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Select one: - 3 hours

ARAB 1002	Elementary Arabic	3 hours
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CHIN 1002	Elementary Chinese	3 hours
FREN 1002	Elementary French	3 hours
GRMN 1002	Elementary German	3 hours
KREN 1002	Elementary Korean	3 hours
SPAN 1002	Elementary Spanish	3 hours

**C. Humanities/Fine Arts** **6 semester hours**

Literature **3 hours**

ENGL 2111	World Literature I	3 hours
ENGL 2112	World Literature II	3 hours
ENGL 2121	British Literature I	3 hours
ENGL 2122	British Literature II	3 hours
ENGL 2131	American Literature I	3 hours
ENGL 2132	American Literature II	3 hours
ENGL 2135	African-American Writers	3 hours
ENGL 2140	Introduction to Gender Studies: Gender & Literature	3 hours

Fine Arts or Philosophy **3 hours**

ART 2510	Art History Survey: Ancient to Medieval	3 hours
ART 2520	Art History Survey: Renaissance to Modern	3 hours
ART 2530	World Art	3 hours
COMM 1110	Public Speaking	3 hours
MUSC 1100	Music Appreciation	3 hours
PHIL 1001	Introduction to Philosophy	3 hours
PHIL 2200	Ethics From a Global Perspective	3 hours
THEA 2500	Theater Arts Appreciation	3 hours

**NOTE:** ENGL 1101 is a pre- or co-requisite for COMM 1110.

**D. Science, Mathematics and Technology** **11 semester hours**

**Non-Science Majors:**

Two lab-based science courses (Not necessarily a sequence) 8 hours  
 Mathematics or computer science 3 hours

**NOTE:**

If a student with a major in the above-listed category elects to enroll in a pre-calculus or calculus course (4 hours), 1 hour will be counted as elective credit.

**Mathematics, Computer Science, Biology, Chemistry, Physics, and Nursing majors:**

Two course lab-based science sequence	8 hours
Mathematics or computer science	3 hours

NOTE:

If a student with a major in the listed categories elects to enroll in a calculus course (4 hours), 1 hour will be counted in Area F.

NOTE: Some science courses have prerequisite requirements.

Select two of the following: 8 hours

The two course lab-based science sequence will remain in effect for mathematics, computer science, biology, chemistry, and physics majors.

BIOL 1010	Introductory Biology	3 hours
BIOL 1010L	Lab	1 hour
BIOL 1107K	Principles of Biology I	4 hours
BIOL 1108K	Principles of Biology II	4 hours
BIOL 1260	Environmental Science	3 hours *
BIOL 1260L	Lab	1 hour
*(second course of the sequence to BIOL 1010)		
CHEM 1151	Survey of Chemistry I	3 hours
CHEM 1151L	Lab	1 hour
CHEM 1152	Survey of Chemistry II	3 hours
CHEM 1152L	Lab	1 hour
CHEM 1211	Principles of Chemistry I	3 hours
CHEM 1211L	Lab	1 hour
CHEM 1212	Principles of Chemistry II	3 hours
CHEM 1212L	Lab	1 hour
GEOL 1644K	Introduction to Geology	4 hours
ASTR 1010	Astronomy of the Solar System	3 hours
ASTR 1010L	Lab	1 hour
ASTR 1020	Stellar and Galactic Astronomy	3 hours
ASTR 1020L	Lab	1 hour
PHYS 1111	Introductory Physics I	3 hours
PHYS 1111L	Lab	1 hour
PHYS 1112	Introductory Physics II	3 hours
PHYS 1112L	Lab	1 hour
PHYS 2211	Principles of Physics I	3 hours
PHYS 2211L	Lab	1 hour
PHYS 2212	Principles of Physics II	3 hours
PHYS 2212L	Lab	1 hour
GEOG 1111K	Introduction to Physical Geography	4 hours
GEOG 1111L	Lab	1 hour

<b>Select one:</b>		3 hours
MATH 1113	Pre-Calculus	3 hours
MATH 2040	Brief Calculus	3 hours
MATH 2400	Elementary Statistics	3 hours
MATH 2450	Calculus I	4 hours
MATH 2460	Calculus II	4 hours
* CSCI 1250	Information Technologies	3 hours
CSCI 1301	Computer Science I	3 hours
** CSCI 1371	Computing for Scientists and Engineers	4 hours

\* Designed primarily for non-science majors

\*\* Designed specifically for NGCSU students in the dual degree engineering programs who plan to transfer to Georgia Tech and for Physics majors.

**E. Social Sciences** **12 semester hours**  
**(Not more than 6 hours in one discipline)**

Required:

HIST 1112 Survey of World History/Civilization II 3 hours

Choose one:

HIST 2111 Survey of U.S. History I 3 hours

HIST 2112 Survey of U.S. History II 3 hours

POLS 1101 American Government 3 hours

**Select one course from each grouping:** **6 hours**

**Group 1:**

ANTH 1101 Introduction to Anthropology 3 hours

ECON 2105 Principles of Macroeconomics 3 hours

GEOG 1101 Introduction to Human  
Geography 3 hours

HIST 1111 Survey of World History/  
Civilization I 3 hours

POLS 2401 Global Issues 3 hours

**Group 2:**

HIST 2111 Survey of U.S. History I  
(if not taken above) 3 hours

HIST 2112 Survey of U.S. History II  
(if not taken above) 3 hours

POLS 1101 American Government  
(if not taken above) 3 hours

PSYC 1101 Introduction to General  
Psychology 3 hours

SOCI 1101 Introductory Sociology 3 hours

**F. Course Appropriate to the Major** **18 semester hours**

See the course of study for the major.