

# Grayson College Core Curriculum

Students earning an Associate of Arts, Associate of Science, or Associate of Arts in Teaching Degree at Grayson College must complete 42 hours of a state mandated Core Curriculum in addition to major courses and electives in their particular area of interest. Following are the Core Curriculum Component Areas. See below for allowable courses within each component area.

<b>Component Areas</b>	<b>Required Hours</b>
010 Communication	6
020 Mathematics	3
030 Life and Physical Sciences	6
040 Language, Philosophy, and Culture	3
050 Creative Arts	3
060 American History	6
070 Government/Political Science	6
080 Social and Behavioral Sciences	3
090 Component Area Option	6
<b>Total</b>	<b>42</b>

## Communication (6 hours)

**ENGL 1301 Composition I and one of the following:**

ENGL 1302 Composition II

ENGL 2311 Technical & Business Writing

SPCH 1311 Introduction to Speech Communication

SPCH 1315 Public Speaking

SPCH 1321 Business & Professional Communication

## Mathematics (3 hours)

MATH 1314 College Algebra

MATH 1316 Plane Trigonometry

MATH 1324 Mathematics for Business & Social Sciences I

MATH 1332 Quantitative Reasoning  
MATH 1342 Elementary Statistical Methods  
MATH 2312 Pre-Calculus Math  
MATH 2413 Calculus I

## Life and Physical Sciences (6 hours)

BIOL 1306 Biology for Science Majors I  
BIOL 1307 Biology for Science Majors II  
BIOL 1308 Biology for Non-Science Majors I  
BIOL 1309 Biology for Non-Science Majors II  
BIOL 2301 Anatomy & Physiology I  
BIOL 2302 Anatomy & Physiology II  
BIOL 2320 Microbiology for Non-Science Majors  
BIOL 2321 Microbiology for Science Majors  
BIOL 2404 Anatomy & Physiology (specialized, single-semester course, lecture + lab)  
CHEM 1406 Introductory Chemistry I (lecture + lab, allied health emphasis)  
CHEM 1311 General Chemistry I  
CHEM 1312 General Chemistry II  
GEOL 1301 Earth Sciences for Non-Science Majors I  
GEOL 1303 Physical Geology  
GEOL 1304 Historical Geology  
GEOL 1305 Environmental Science  
PHYS 1301 College Physics I  
PHYS 1302 College Physics II  
PHYS 1303 Stars and Galaxies  
PHYS 1304 Solar System  
PHYS 1315 Physical Science I  
PHYS 2325 University Physics I  
PHYS 2326 University Physics II

Note: All science courses at Grayson College must be taken with their corresponding labs. The labs can be used in the CAO2.

## Language, Philosophy, and Culture (3 hours)

ENGL 2322 British Literature I

ENGL 2323 British Literature II  
ENGL 2327 American Literature I  
ENGL 2328 American Literature II  
ENGL 2332 World Literature I  
ENGL 2333 World Literature II  
ENGL 2351 Mexican-American Literature  
HIST 2321 World Civilizations I  
HIST 2322 World Civilizations II  
HUMA 1301 Introduction to Humanities I  
HUMA1302 Introduction to Humanities II  
PHIL 1301 Introduction to Philosophy  
PHIL 1304 Introduction to World Religions  
PHIL 2306 Introduction to Ethics  
PHIL 2321 Philosophy of Religion  
SPAN 2311 Intermediate Spanish I (3<sup>rd</sup> semester Spanish)  
SPAN 2312 Intermediate Spanish II (4<sup>th</sup> semester Spanish)

## Creative Arts (3 hours)

ARTS 1301 Art Appreciation  
ARTS 1303 Art History I  
ARTS 1304 Art History II  
DRAM 1310 Introduction to Theater  
MUSI 1306 Music Appreciation  
MUSI 1307 Music Literature

## American History (6 hours)

One or both of the following two:

HIST 1301 United States History I  
HIST 1302 United States History II

One of the following can substitute for 3 hours of the above U.S. History courses:

HIST 2301 Texas History  
HIST 2327 Mexican-American History I  
HIST 2328 Mexican-American History II

## Government /Political Science (6 hours)

GOVT 2305 Federal Government

GOVT 2306 Texas Government

## Social and Behavioral Sciences (3 hours)

CRIJ 1301 Introduction to Criminal Justice

CRIJ 1307 Crime in America

ECON 2301 Principles of Macroeconomics

ECON 2302 Principles of Microeconomics

GEOG 1302 Human Geography

GEOG 1303 World Regional Geography

PSYC 2301 General Psychology

PSYC 2314 Lifespan Growth & Development

SOCI 1301 Introductory Sociology

SOCI 1306 Social Problems

SPCH 1318 Interpersonal Communication

TECA 1354 Child Growth and Development

## Component Area Option (6 hours)

Two (2) hours from science lab courses listed below which are taken with science courses above; and

Four (4) hours from any of the core courses listed above or from the following list of courses

(Note: courses cannot be counted more than once):

COSC 1301 Introduction to Computing

COSC 1336 Programming Fundamentals I

EDUC1300/PSYC 1300 Learning Frameworks

PHED 1164 Introduction to Physical Fitness and Wellness

SPAN 1411 Beginning Spanish I

SPAN 1412 Beginning Spanish II

Science Lab Courses:

BIOL 1106 Biology I Lab

BIOL 1107 Biology II Lab

BIOL 1108 Biology for Non-Science Majors I Lab

BIOL 1109 Biology for Non-Science Majors II Lab

BIOL 2101 Anatomy & Physiology Laboratory I

BIOL 2102 Anatomy & Physiology Laboratory II

BIOL 2120 Microbiology for Non-Science Majors Laboratory I

BIOL 2121 Microbiology for Non-Science Majors Laboratory II

CHEM 1111 General Chemistry I Lab 17  
CHEM 1112 General Chemistry II Lab  
GEOL 1101 Earth Sciences for Non Science Majors Lab I  
GEOL 1103 Physical Geology Lab  
GEOL 1104 Historical Geology Lab  
GEOL 1105 Environmental Geology Lab  
PHYS 1101 College Physics Laboratory I (lab)  
PHYS 1102 College Physics Laboratory II (lab)  
PHYS 1103 Stars and Galaxies Laboratory (lab)  
PHYS 1104 Solar System Laboratory (lab)  
PHYS 1115 Physical Science Laboratory I (lab)  
PHYS 2125 University Physics Lab I  
PHYS 2126 University Physics Lab II

All students seeking the Associate of Arts, the Associate of Science, or the Associate of Arts in Teaching coming to Grayson College with fewer than 15 hours must take EDUC1300/PSYC 1300 and three more credits from the courses listed in the Component Area Option and not used in another component area.

Note: Many four-year colleges and universities require a foreign language as part of their degree plan. SPAN 1411, 1412, 2311, 2312, 2321, and 2322 meet transfer requirements for foreign language.