

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.

Component Areas	Required Hours
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
Total	42

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

MATH 1332 Contemporary Mathematics I (Math for Liberal Arts Majors I)

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 1414 Introduction to Biotechnology I

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 (3rd semester Spanish)

SPAN 2312 Intermediate Spanish II (4th 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

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 (CAO 1 and CAO 2) (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 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

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.