

Core Curriculum Degree Requirements

Associate of Arts

Associate of Science

Associate of Arts in Teaching

Students earning an Associate of Science 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 component areas and 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

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 Note: ENGL 1301 or 1302 is required	6
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Mathematics

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	3
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Life and Physical Sciences

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	6
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BIOL 1414 Introduction to Biotechnology I
 BIOL 2301 Anatomy & Physiology I
 BIOL 2302 Anatomy & Physiology II
 BIOL 2404 Anatomy & Physiology (specialized, single-semester course, lecture + lab)
 BIOL 2320 Microbiology for Non-Science Majors
 BIOL 2321 Microbiology for Science Majors
 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

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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
 HUMA 1302 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

ARTS 1301 Art Appreciation
 ARTS 1303 Art History I
 ARTS 1304 Art History II
 DRAM 1310 Introduction to Theater
 ENGL 2307 Creative Writing I
 MUSI 1306 Music Appreciation
 MUSI 1307 Music Literature

American History

6

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
GOVT 2305 Federal Government
GOVT 2306 Texas Government

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Social and Behavioral Sciences
CRIJ 1307 Crime in America
ECON 2301 Principles of Macroeconomics
ECON 2302 Principles of Microeconomics
GEOG 1302 Cultural Geography
GEOG 1303 World Regional Geography
PSYC 2301 General Psychology
PSYC 2314 Lifespan Growth & Development
SOC1 1301 Introductory Sociology
SOC1 1306 Social Problems
SPCH 1318 Interpersonal Communication
TECA 1354 Child Growth and Development

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Component Area Option
CAO 1 One of the following:
EDUC1300/PSYC 1300 Learning Frameworks
SPAN 1411 Beginning Spanish I
SPAN 1412 Beginning Spanish II
COSC 1301 Introduction to Computing
COSC 1336 Programming Fundamentals I

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Note: All students seeking the Associate of Science, the s, or the Associate of Arts in Teaching coming to Grayson College with fewer than 15 hours must take EDUC1300/PSYC 1300. Those who are exempt from taking EDUC 1300/PSYC 1300 can take any course in the CAO 1 list..

CAO 2 Three hours from any course listed in the core or from the following list:

PHED 1164 Introduction to Physical Fitness and Wellness
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
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.

Core Curriculum Requirements for the Associate of Applied Science Degree

Students earning an Associate of Applied Science Degree at Grayson College must complete fifteen semester hours of a general education core. The core courses are distributed as follows:

Component Areas

Required Hours

Mathematics/Life and Physical Sciences

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MATH 1314 College Algebra
MATH 1324 Mathematics for Business & Social Sciences
MATH 1332 Contemporary Mathematics I
MATH 1342 Elementary Statistical Methods
MATH 2312 Pre-Calculus Math
BIOL 1306/1106 Biology for Science Majors I
BIOL 1307/1107 Biology for Science Majors II
BIOL 1308/1108 Biology for Non-Science Majors I
BIOL 1309/1109 Biology for Non-Science Majors II
BIOL 1414 Introduction to Biotechnology I
BIOL 2301/2101 Anatomy & Physiology I
BIOL 2302/2102 Anatomy & Physiology II
BIOL 2404 Anatomy & Physiology (specialized, single-semester course, lecture + lab)
BIOL 2320/2120 Microbiology for Non-Science Majors
BIOL 2321/2121 Microbiology for Science Majors
CHEM 1406 Introductory Chemistry I (lecture + lab, allied health emphasis)
CHEM 1311/1111 General Chemistry I
CHEM 1312/1112 General Chemistry II
GEOL 1301/1101 Earth Sciences for Non-Science Majors I
GEOL 1303/1103 Physical Geology
GEOL 1304/1104 Historical Geology
GEOL 1305/1105 Environmental Science

Social and Behavioral Science

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CRIJ 1307 Crime in America
ECON 2301 Principles of Macroeconomics
ECON 2302 Principles of Macroeconomics
GEOG 1303 World Regional Geography
GOVT 2305 Federal Government
GOVT 2306 Texas Government
HIST 1301 United States History I
HIST 1302 United States History II
PSYC 2301 General Psychology
PSYC 2314 Lifespan, Growth & Development
SOC1 1301 Introduction to Sociology
SOC1 1306 Social Problems

Language, Philosophy, Culture/Creative Arts

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ARTS 1301 Art Appreciation
DRAM 1310 Stagecraft I
HUMA 1301 Introduction to the Humanities
HUMA 1302 Introduction to the Humanities II
MUSI 1306 Music Appreciation
PHIL 1301 Introduction to Philosophy

Component Area Option

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EDUC OR PSYC 1300 Learning Frameworks

SPCH 1311 Introduction to Speech Communication

SPCH 1315 Public Speaking

SPCH 1321 Business & Professional Communication

ENGL 1301 Composition I

ENGL 1302 Composition II

ENGL 2311 Technical and Business Writing

SPAN 1411 Beginning Spanish I

SPAN 1412 Beginning Spanish II

OR.....

****Any of the courses listed above in the previous Component Areas may be used for the hours toward the Component Area Option.**