ASSOCIATE OF SCIENCE DEGREE

General Education/NM Common Core

Area I: English & Communication (10 credits)

ENGL 111G Rhetoric and Composition
ENGL 218G Technical and Scientific Communication
or ENGL 211G Writing in the Humanities and Social Sciences
COMM 253G Public Speaking
or COMM 265G Principles of Human Communication

Area II: Mathematics (3 - 4 credits)

MATH 121G College Algebra
or MATH 190G Trigonometry and Precalculus
or MATH 191G Calculus and Analytic Geometry I

Area III: Laboratory Sciences (16 credits)

CHEM 111G General Chemistry I
12 additional credit Lab Science (8 credits must be G courses)

Concentrations

Areas IV Social/Behavioral Sciences (9 credits)

ECON 251G Principles of Macroeconomics
Any two additional Social/Behavioral Sciences 100-200 courses listed in the NM Common Core list.

Area V: Humanities/Fine Arts (6 credits)

Any two Humanities/Fine Arts 100-200 G courses listed in the NM Common Core list.

Electives:

Mathematics (Area II), Lab Science (Area III), or Engineering Electives to bring total to 60 credits

Total Credits 60-61

1 Students who place above MATH 121G College Algebra must take an additional 3 credits of higher-level MATH or science electives.

2 See Concentration tab for recommended electives.

3 Work with an advisor to select appropriate courses to support the chosen bachelor degree.

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

Course Title Credits
First Year

Fall
CHEM 111G General Chemistry I 4
ENGL 111G Rhetoric and Composition 4
Lab Science G course (see Concentration tab for recommendations) 4
MATH 121G College Algebra 3-4
or MATH 190G Trigonometry and Precalculus
or MATH 191G Calculus and Analytic Geometry I 1

Credits 15-16

Spring
COMM 253G Public Speaking 3
or COMM 265G Principles of Human Communication
Elective (See Concentration tab for recommendations) 4
Social/Behavioral Science G course 3
Laboratory Science (See Concentration tab for recommendations) 4

Credits 14

Second Year

Fall
Elective (See Concentration tab for recommendations) 4
ENGL 218G Technical and Scientific Communication 3
or ENGL 211G Writing in the Humanities and Social Sciences
ECON 251G Principles of Macroeconomics 3
Humanities/Fine Arts G course 3
Laboratory Science (see Concentration tab for recommendations) 4

Credits 17

Spring
Elective (See Concentration tab for recommendations) 4
Elective (See Concentration tab for recommendations) 4
Social/Behavioral Science G course 3
Humanities/Fine Arts G Course 3

Credits 14

Total Credits 60-61

LAB SCIENCE REQUIREMENT RECOMMENDATIONS: It is strongly recommended to choose a concentration. Please note: some classes are only offered in a particular semester and may have prerequisites.

Biology Concentration

BIOI 111G Natural History of Life & BIOI 111G Natural History of Life (4 cr.)
BIOI 211G Cellular and Organismal Biology & BIOI 211G Cellular and Organismal Biology (4 cr.)
CHEM 111G General Chemistry I (4 cr.)
CHEM 112G General Chemistry II (4 cr.)

Natural Resources Concentration

ES 110G Introductory Environmental Science (4 cr.)
BIOI 111G Natural History of Life & BIOI 111GL Natural History of Life Laboratory (4 cr.)
CHEM 111G General Chemistry I (4 cr.)
CHEM 112G General Chemistry II (4 cr.)

Physical Science Concentration

CHEM 111G General Chemistry I (4 cr.)
CHEM 112G General Chemistry II (4 cr.)
Phys 211G General Physics I & Phys 211GL General Physics I Laboratory (4 cr.)

Phys 212G General Physics II & Phys 212GL General Physics II Laboratory (4 cr.)

Elective Recommendations: Mathematics (Area II), Lab Science (Area III), or Engineering Electives to bring total to 60 credits. Electives with a science focus are strongly recommended.

Biology Concentration

Phys 211G General Physics I & Phys 211GL General Physics I Laboratory (4 cr.)

Phys 212G General Physics II & Phys 212GL General Physics II Laboratory (4 cr.)

Math 191G Calculus and Analytic Geometry I (4 cr.)

Math 192G Calculus and Analytic Geometry II (4 cr.)

Natural Resources Concentration

Bio 211G Cellular and Organismal Biology & Bio 211GL Cellular and Organismal Biology Laboratory (4 cr.)

Chem 211 Organic Chemistry (4 cr.)

Geol 111G Introductory Geology (4 cr.)

Math 191G Calculus and Analytic Geometry I (4 cr.)

Math 192G Calculus and Analytic Geometry II (4 cr.)

Phys 215G Engineering Physics I & Phys 215G Engineering Physics II Laboratory (4 cr.)

Physical Science Concentration

Math 190G Trigonometry and Precalculus (4 cr.)

Math 191G Calculus and Analytic Geometry I (4 cr.)

Math 192G Calculus and Analytic Geometry II (4 cr.)

Bio 111G Natural History of Life & Bio 111GL Natural History of Life Laboratory (4 cr.)

Bio 211G Cellular and Organismal Biology & Bio 211GL Cellular and Organismal Biology Laboratory (4 cr.)

Geol 111G Introductory Geology (4 cr.)