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)

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: 16
- 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
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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

Spring
- COMM 253G Public Speaking
  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

Second Year

Fall
- Elective (See Concentration tab for recommendations) 4
- ENGL 218G Technical and Scientific Communication
  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

Electives 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 pre-requisites.

Biology Concentration
- BIOL 111G Natural History of Life & BIOL 111G Natural History of LifeL (4 cr.)
- BIOL 211G Cellular and Organismal Biology & BIOL 211G Cellular and Organismal BiologyL (4 cr.)
- CHEM 111G General Chemistry I (4 cr.)
- CHEM 112G General Chemistry II (4 cr.)

Natural Resources Concentration
- E S 110G Introductory Environmental Science (4 cr.)
- BIOL 111G Natural History of Life & BIOL 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
BIOL 211G Cellular and Organismal Biology & BIOL 211GL Cellular and Organismal Biology Laboratory (4 cr.)
CHEM 211 Organic Chemistry (4 cr.)
GEOL 111G Introductory to 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.)
GEOL 295 Environmental Geology (3 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.)
BIOL 111G Natural History of Life & BIOL 111GL Natural History of Life Laboratory (4 cr.)
BIOL 211G Cellular and Organismal Biology & BIOL 211GL Cellular and Organismal Biology Laboratory (4 cr.)
GEOL 111G Introductory to Geology (4 cr.)
EE 161 Computer Aided Problem Solving (4 cr.)