The Associate of Science degree offers the choice of three different optional concentrations, which allow for an easier transition into a baccalaureate science major depending on the student’s choice of major. This degree differs from the Associate of Arts degree in that there is a heavy emphasis in science and mathematics, a requirement for any Bachelor of Science degree. In order to earn an Associate of Science degree, the student must earn at least 16 credits in laboratory sciences. This degree meets all the New Mexico Common Core requirements necessary to complete a bachelor degree.

Graduation Requirements

ENGL 111G Rhetoric and Composition with a C or higher; placement into college-level math and reading courses or completion of developmental courses with a C or higher; cumulative GPA of 2.0 or higher; the last 15 credits taken at NMSU. A grade of C- or better is required for all courses for the degree. TOTAL CREDIT REQUIRED FOR DEGREE: 60

IT IS STRONGLY RECOMMENDED TO CHOOSE A CONCENTRATION listed below.

Additional approved lab science classes can be found in Area III of the NM Common Core list, in the NMSU-C catalog. Any lab science class not listed below from the NM Common Core list must be approved through a sub/waiver request process in consultation with an advisor.

Associate of Science Degree (http://catalogs.nmsu.edu/carlsbad/associate-degree-certificate-programs/science/associate-science-degree)

Concentrations
(Concentrations are optional)

Biology Concentration

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.)

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 Sciences 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.)

Recommended electives for each concentration:

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 190G Trigonometry and Precalculus (4 cr.)

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

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

Natural Resources Concentration

BIOL 111G Cellular and Organismal Biology & BIOL 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.)

FWCE 110G Introduction to Natural Resources Management (3 cr.)

FWCE 255 Principles of Fish and Wildlife Management (3 cr.)

PHYS 215G Engineering Physics I & PHYS 215GL Engineering Physics I Laboratory (4 cr.)

Physical Sciences 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 Geology (4 cr.)