SCIENCE - ASSOCIATE DEGREE

Note: Some classes are only offered in a particular semester and may have prerequisites.

A grade of C- or better is required for all courses.

Total Credits Required for Degree: 60

Communications
ENGL 111G  Rhetoric and Composition  4
ENGL 218G  Technical and Scientific Communication  3
or ENGL 211G  Writing in the Humanities and Social Sciences
COMM 265G  Principles of Human Communication  3
or COMM 253G  Public Speaking

Mathematics
Select one from the following:  3-4
MATH 121G  College Algebra
MATH 190G  Trigonometry and Precalculus
MATH 191G  Calculus and Analytic Geometry I

Social/Behavioral Sciences
ECON 251G  Principles of Macroeconomics  3
Select two additional courses from the Social/Behavioral Sciences area of the NM Common Core list.  1

Humanities/Fine Art
Select two courses from the Humanities/Fine Arts area of the NM Common Core list.  1

Laboratory Sciences
CHEM 111G  General Chemistry I  4
Select 12 additional credits Lab Science (8 credits must be "G" courses from the NM Common Core list and at least one 2-semester sequence required).  1, 2

Electives
Select from the Mathematics or Laboratory Science area of the NM Common Core list or from Engineering.  1, 2

Total Credits  60

1 A full list of NM Common Core Classes (http://catalogs.nmsu.edu/alamogordo/general-information/general-education-new-mexico-common-core) can be found in the General Information section of this catalog.

2 It is strongly recommended to follow an option below for guidance in a lab science choice. Additional approved lab science classes can be found in Area III of the New Mexico Common Core (http://catalogs.nmsu.edu/alamogordo/general-information/general-education-new-mexico-common-core) list. Any lab science class choices not listed below or from the NM Common Core list must be approved through a sub/waiver request process in consultation with an advisor and administrator approval.

3 Recommended electives for options are noted below. Work with advisor to select appropriate courses to support the chosen bachelor's degree program.

Biology Option
Laboratory Sciences

BIOL 111G & 111GL  Natural History of Life and Natural History of Life Laboratory  4
BIOL 211G & 211GL  Cellular and Organismal Biology and Cellular and Organismal Biology Laboratory

Recommended Electives
MATH 191G  Calculus and Analytic Geometry I  4
MATH 192G  Calculus and Analytic Geometry II  4
PHYS 211G & 211GL  General Physics I and General Physics I Laboratory

Environmental Option
Laboratory Sciences
E S 110G  Introductory Environmental Science  4
BIOL 111G & 111GL  Natural History of Life and Natural History of Life Laboratory
CHEM 112G  General Chemistry II  4

Recommended Electives
BIOL 211G & 211GL  Cellular and Organismal Biology and Cellular and Organismal Biology Laboratory
CHEM 211  Organic Chemistry  4
GEOL 111G  Introductory to Geology  4
GEOL 295  Environmental Geology  3
MATH 191G  Calculus and Analytic Geometry I  4
MATH 192G  Calculus and Analytic Geometry II  4
PHYS 215G & PHYS 212GL  Engineering Physics I and General Physics II Laboratory

Geology Option
Laboratory Sciences
GEOL 111G  Introductory to Geology  4
BIOL 111G & 111GL  Natural History of Life and Natural History of Life Laboratory
PHYS 211G & 211GL  General Physics I and General Physics I Laboratory

Recommended Electives
CHEM 112G  General Chemistry II  4
GEOL 120G  Culture and Environment  3
GEOL 295  Environmental Geology  3
MATH 191G  Calculus and Analytic Geometry I  4
MATH 192G  Calculus and Analytic Geometry II  4
PHYS 212G & 212GL  General Physics II and General Physics II Laboratory

Wildlife Science Option
Laboratory Sciences
FWCE 110  Introduction to Natural Resources Management  4
FWCE 255  Principles of Fish and Wildlife Management  3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 111G &amp; 111GL</td>
<td>Natural History of Life and Natural History of Life Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 211G &amp; 211GL</td>
<td>Cellular and Organismal Biology and Cellular and Organismal Biology Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 221 &amp; 221 L</td>
<td>Introductory Microbiology and Introductory Microbiology Laboratory</td>
<td>4</td>
</tr>
</tbody>
</table>

**Recommended Electives**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 112G</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 110G</td>
<td>The Great Ideas of Physics</td>
<td>4</td>
</tr>
<tr>
<td>or PHYS 211G &amp; 211GL</td>
<td>General Physics I and General Physics I Laboratory</td>
<td></td>
</tr>
<tr>
<td>GEOL 111G</td>
<td>Introductory to Geology</td>
<td>4</td>
</tr>
<tr>
<td>MATH 142G</td>
<td>Calculus for the Biological and Management Sciences</td>
<td>3-4</td>
</tr>
<tr>
<td>or MATH 191G</td>
<td>Calculus and Analytic Geometry I</td>
<td></td>
</tr>
<tr>
<td>ECON 252G</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
</tbody>
</table>