EDUCATION-ASSOCIATE DEGREE, SECONDARY SCIENCE CONCENTRATION

Note: Any education course more than seven years old taken at NMSU or at another institution will not be counted toward the student’s undergraduate program. A student may ask for a review of this time limit by the appropriate department. The department head and/or faculty may recommend accepting a course that is seven years old with approval from the Dean’s office. Any course not approved must be repeated by the student.

Students must have an overall GPA of 2.5 and a C- or better in all courses.

Total Credits Required for Secondary Science Concentration: 60

Area I: Communication
ENGL 111G Rhetoric and Composition  1  4
ENGL 211G Writing in the Humanities and Social Sciences  1  3
COMM 265G Principles of Human Communication  3
or COMM 253G Public Speaking

Area II: Mathematics
MATH 121G College Algebra  3
or MATH 190G Trigonometry and Precalculus
MATH 142G Calculus for the Biological and Management Sciences  2  3
or MATH 191G Calculus and Analytic Geometry I

Area III: Laboratory Science
BIOL 111G & 111GL Natural History of Life and Natural History of Life Laboratory  4
BIOL 211G & 211GL Cellular and Organismic Biology and Cellular and Organismic Biology Laboratory  4
CHEM 111G General Chemistry I  4
CHEM 112G General Chemistry II  4
Choose one from the following  4
PHYS 211G & 211GL General Physics I and General Physics I Laboratory
PHYS 215G & 215GL Engineering Physics I and Engineering Physics I Laboratory

Choose one from the following  4
PHYS 212G & 212GL General Physics II and General Physics II Laboratory
PHYS 216G & 216GL Engineering Physics II and Engineering Physics II Laboratory

Area IV: Social/Behavioral Science
C EP 110G Human Growth and Behavior  3
GEOG 112G World Regional Geography  3
or GEOG 120G Culture and Environment
Choose one course from different department in Social/Behavioral Science area of the NM Common Core  3

Area V: Humanities and Fine Art
Choose one from the following  3
HIST 101G Roots of Modern Europe
HIST 102G Modern Europe
HIST 110G Making History
HIST 111G Global History to 1500
HIST 112G Global History Since 1500
HIST 201G Introduction to Early American History
HIST 202G Introduction to Recent American History

Choose One from the following  3
ART 101G Orientation in Art
ART 110G Visual Concepts
ART 296G Introduction to Art History I
ART 299G Introduction to Art History II
MUS 101G An Introduction to Music
PHIL 101G The Art of Wondering
PHIL 136G The Quest for God
PHIL 201G Introduction to Philosophy
PHIL 211G Informal Logic
THT 101G The World of Theatre

College of Education Requirements
EDLT 268 Integrating Technology with Teaching  3
EDUC 281 Introduction to Secondary Education and Youth  3

Total Credits  61

1 Pre/co-requisites for Teacher Education Program (TEP).
2 MATH 192G Calculus and Analytic Geometry II or MATH 291G Calculus and Analytic Geometry III are acceptable substitutes.
3 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.

Education MAP - Secondary Science Concentration

Course | Title | Credits
--- | --- | ---
**First Year**
**Fall**
BIOL 111G & 111GL Natural History of Life and Natural History of Life Laboratory  4
CHEM 111G General Chemistry I  4
ENGL 111G Rhetoric and Composition  4
MATH 121G or MATH 190G College Algebra or Trigonometry and Precalculus  3

Credits  15

**Spring**
BIOL 211G & 211GL Cellular and Organismic Biology and Cellular and Organismic Biology Laboratory  4
COMM 253G or COMM 265G Public Speaking or Principles of Human Communication  3
### Second Year

#### Fall
- **C EP 110G**  Human Growth and Behavior  3
- **CHEM 112G**  General Chemistry II  4
- Humanities/Fine Arts (see degree requirements)  6

Choose one of the following:

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<thead>
<tr>
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<th>Credits</th>
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<tbody>
<tr>
<td>PHYS 211G &amp; 211GL</td>
<td>General Physics I and General Physics I Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 215G &amp; 215GL</td>
<td>Engineering Physics I and Engineering Physics I Laboratory</td>
<td>4</td>
</tr>
</tbody>
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#### Credits
- Sum: 17

#### Spring
- **EDLT 268**  Integrating Technology with Teaching  3
- **GEOG 112G** or **GEOG 120G**  World Regional Geography or Culture and Environment  3
- Social/Behavioral Science (see degree requirements)  3

Choose one of the following:

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<td>4</td>
</tr>
</tbody>
</table>

#### Credits
- Sum: 13

### Total Credits
- Sum: 61