



Associate of Science  
**BIOLOGY**

This program prepares you to pursue a baccalaureate degree in biology for the pre-professional medical studies. While some positions are open to holders of the associate degree, most of the opportunities exist at the bachelor's, master's, and doctoral levels.

**GENERAL EDUCATION (35)**

**COMPLETED**      **Planned Timeline  
(By Semester)**

**Communications (9)**

- ENG 111 English Composition I (3) \_\_\_\_\_
- Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation*
- SPCH 130 Public Speaking (3) \_\_\_\_\_
- Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation*

**Choose one of the following courses:**

- ENG 112 English Composition II (3) \_\_\_\_\_
- Pre-requisite: ENG 111*
- ENG 116 Technical Writing (3) \_\_\_\_\_
- Pre-requisite: ENG 111*

**Mathematics (3)**

- MATH 150 College Algebra (3) \_\_\_\_\_
- Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation*

**Laboratory Sciences (8)**

- BIOL 201/L Introduction to Molecular and Cell Biology with lab (4) (Fall) \_\_\_\_\_
- Pre-requisite: CHEM 121/L*
- CHEM 121/L General Chemistry I with lab (4) \_\_\_\_\_
- Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation*

**Social/Behavioral Sciences (6-9) \***

***Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation***

You must select courses from **at least two different discipline areas** from the following:

- ANTH 101/L Physical Anthropology with lab (4) \_\_\_\_\_
- ANTH 102 Introduction to Social/Cultural Anthropology (3) (Fall) \_\_\_\_\_
- ANTH 110 Indian Culture of the Southwest (3) \_\_\_\_\_
- ANTH 207 Cultures of New Mexico (3) \_\_\_\_\_
- ECON 200 Macroeconomics (3) \_\_\_\_\_
- ECON 201 Microeconomics (3) \_\_\_\_\_
- GEOG 111 World Geography (3) \_\_\_\_\_
- PSCI 110 The Political World (3) \_\_\_\_\_
- PSCI 120 Contemporary Political Issues (3) \_\_\_\_\_
- PSCI 200 American Politics (3) \_\_\_\_\_
- PSCI 210 State and Local Government (3) \_\_\_\_\_
- PSCI 212 The American Presidency (3) \_\_\_\_\_
- PSY 105 General Psychology (3) \_\_\_\_\_
- PSY 210 Theories of Personality (3) \_\_\_\_\_
- PSY 229 Adolescent Psychology (3) \_\_\_\_\_
- PSY 230 Psychology of Adjustment (3) \_\_\_\_\_
- PSY 232 Abnormal Behavior (3) \_\_\_\_\_
- PSY 270 Social Psychology (3) \_\_\_\_\_
- PSY 290 Developmental Psychology (3) \_\_\_\_\_
- Pre-requisite: PSY 105*
- SOC 101 Introduction to Sociology (3) \_\_\_\_\_
- SOC 213 Deviant Behavior (3) \_\_\_\_\_
- SOC 216 Ethnic and Intercultural Relations (3) \_\_\_\_\_
- SOC 220 Social Problems (3) \_\_\_\_\_
- SOC 225 Marriage and the Family(3) \_\_\_\_\_

Plus, topic courses with student advisor's approval

**Humanities and Fine Arts (6-9 crs)\***

**Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation**

You must select courses from **at least two different discipline areas** from the following list:

- ART 105 Introduction to Art (3)
- ART 107 History of Art (3)
- ART 211 History of Art (3)
- DANC 240 Dance Appreciation (3)
- ENG 270 Children’s Literature (3)
- Pre-requisite ENG 111
- ENG 262 Literature of the Southwest (3)
- Pre-requisite ENG 112
- ENG 265 Native American Literature 1 (3)
- Pre-requisite ENG 111
- ENG 266 Native American Literature II (3)
- Pre-requisite: ENG 111
- ENG 280 Readings in Literature (3)
- Pre-requisite ENG 111
- ENG 290 Study of Literature
- Pre-requisite ENG 111
- ENG 294 Mythology (3)
- Pre-requisite ENG 111
- HIST 101 Western Civilization I (3)
- HIST 102 Western Civilization II (3)
- HIST 161 History of the U.S. to 1877 (3)
- HIST 162 History of the U.S. from 1877 (3)
- HIST 200 History of the World Religions (3)
- HIST 220 Southwestern Women’s History (3)
- HIST 230 Chicano Experience in the US (3)
- HIST 250 American Indian History (3)
- HIST 260 History of New Mexico (3)
- HUM 105 Humanities of the Southwest (3)
- HUM 311 Why the Social Sciences Matter \*\* (3)
- HUM 414 Humanity and Creativity \*\* (3)
- HUM 421 History, Literature, Art & Philosophy \*\* (3)
- MUS 102 Theory of Music (3)
- MUS 105 Music Appreciation (3)
- MUS 240 Music History (3)
- PHIL 110 Intro to Philosophical Problems (3)
- PHIL 111 History of Philosophy (3)
- PHIL 220 Ethics (3)
- PIS 200 Introduction to Pueblo Indian Studies (3)
- THE 120 Introduction to Theatre I (3)

Plus, topic courses with advisor’s approval

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\* You must complete at least 15 hrs between these two areas, maintaining at least two disciplines in each area.

**HEALTH, PHYSICAL EDUCATION & RECREATION (1)**

Electives (1) \_\_\_\_\_

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**PROGRAM REQUIREMENTS (35)**

- BIOL 202/L Genetics with lab (4) (Spring)
- Pre-requisite: BIOL 201/L
- BIOL 203/L Ecology and Evolution with lab (4) (Fall)
- Pre-requisite: BIOL 202/L and MATH 150
- BIOL 204/L Plant and Animal Form and Function with lab (4) (Spring)
- Pre-requisites: BIOL 203/L and CHEM 122/L
- BIOL 210/L Microbiology with lab (4)
- Pre-requisite: CHEM 110/L
- CHEM 122/L General Chemistry II with lab (4)
- Pre-requisite: CHEM 121/L
- MATH 145 Introduction to Probability and Statistics (3)
- Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation
- PHYS 121/L Applied Physics I with lab (4)

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Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation

**Electives (choose 8 crs from the following):**

BIOL 160/L Biotechnology Seminar I with lab (4) (Fall)

Pre-requisite: BIOL 110/L or higher-level BIOL

BIOL 260/L Biotechnology Seminar II with lab (4) (Spring)

Pre-requisite: BIOL 160/L

BIOL 290 Undergraduate Research Experience I (3)

BIOL 292 Undergraduate Research Experience II (3)

Pre-requisite: BIOL 290

CHEM 210/L Integrated Organic and Biochemistry with lab (4)

Pre-requisite: CHEM 110/L or CHEM 121/L

CHEM 221/L Quantitative Analysis with lab (4) (Spring)

Pre-requisites: CHEM 122/L and MATH 145

ES 112/L Environmental Science with lab (4) (Fall)

MATH 155 Trigonometry (3)

Pre-requisite: MATH 150

MATH 162 Calculus I (4)

Pre-requisites: MATH 150 and MATH 155 or MATH 160

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TOTAL CREDIT HOURS 71

# Educational Planning Form (Semester)

Name \_\_\_\_\_ Date \_\_\_\_\_

Major \_\_\_\_\_ Student ID \_\_\_\_\_

<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>

**Advisor's Signature** \_\_\_\_\_

**Student Signature** \_\_\_\_\_