

**PRE-MEDICAL SCIENCE**  
Associate of Science Degree  
Catalog 2010-2011

| <b>Communications:</b> |      |     |                             | <b>Credit Hours</b> | <b>Grade</b> |
|------------------------|------|-----|-----------------------------|---------------------|--------------|
| _____                  | ENGL | 111 | Freshman Composition        | 3                   | _____        |
| _____                  | ENGL | 211 | Advanced Composition        | 3                   | _____        |
| _____                  | COMM | 110 | Public Speaking <b>OR</b>   |                     |              |
| _____                  | COMM | 111 | Interpersonal Communication | 3                   | _____        |

| <b>Mathematics:</b> |      |     |            | <b>Credit Hours</b> | <b>Grade</b> |
|---------------------|------|-----|------------|---------------------|--------------|
| _____               | MATH | 188 | Calculus I | 4                   | _____        |

**Social and Behavioral Science:** Must have 15 credits total between this area and Humanities and Fine Arts. Minimum of 6 credit hours.

|       |       |       |  |   |       |
|-------|-------|-------|--|---|-------|
| _____ | _____ | _____ | Anthropology (ANTH 110, 210, 211, 255) | 3 | _____ |
| _____ | _____ | _____ | Economics (ECON 251, 252)              | 3 | _____ |
| _____ | _____ | _____ | Human Geography (GEOG 145)             | 3 | _____ |
| _____ | _____ | _____ | Introductory to Psychology (PSYC 120)  | 3 | _____ |
| _____ | _____ | _____ | Political Science (POLS 110, 250)      | 3 | _____ |
| _____ | _____ | _____ | Sociology (SOC 110, 210, 215)          | 3 | _____ |

**Humanities and Fine Arts:** Must have 15 credits total between this area and Social and Behavioral Science. Minimum of 6 credit hours.

|       |       |       |   |   |       |
|-------|-------|-------|---|---|-------|
| _____ | _____ | _____ | Foreign Language (NAVA 111, 112, SPAN 111, 112)     | 4 | _____ |
| _____ | _____ | _____ | History (HIST 121, 122, 211, 212)                   | 3 | _____ |
| _____ | _____ | _____ | Literature (ENGL 245, 230, 235, 251, 252, 261, 262) | 3 | _____ |
| _____ | _____ | _____ | Music (MUSI 110, 111, 112, 114, 130, 131)           | 3 | _____ |
| _____ | _____ | _____ | Orientation in Art (ARTS 110)                       | 3 | _____ |
| _____ | _____ | _____ | Philosophy (PHIL 110, 115)                          | 3 | _____ |
| _____ | _____ | _____ | Theater (THEA 110, 120)                             | 3 | _____ |

**Computer Science:** Any three-credit Computer Science (COS 111 and above). Transfer colleges vary in whether they accept computer science courses as electives.

|       |       |       |       |   |       |
|-------|-------|-------|-------|---|-------|
| _____ | _____ | _____ | _____ | 3 | _____ |
|-------|-------|-------|-------|---|-------|

**Biology - Core classes.**

|       |       |       |                          |   |       |
|-------|-------|-------|--------------------------|---|-------|
| _____ | BIOL  | 121   | Introductory Biology I*  | 4 | _____ |
| _____ | BIOL  | 122   | Introductory Biology II* | 4 | _____ |
| _____ | BIOL  | 255   | Introduction to Genetics | 4 | _____ |
| _____ | CHEM  | 111   | General Chemistry I*     | 4 | _____ |
| _____ | CHEM  | 112   | General Chemistry II*    | 4 | _____ |
| _____ | _____ | _____ | Science Elective**       | 4 | _____ |
| _____ | _____ | _____ | Science Elective**       | 4 | _____ |
| _____ | _____ | _____ | Science Elective**       | 4 | _____ |
| _____ | _____ | _____ | Science Elective**       | 4 | _____ |

Total credit hours required for this degree is 67

\* Needed for MCAT (Medical College Admissions Test)

\*\* Approved Science Selections:

BIOL 224 – Microbiology (Fall, Spring, and Summer-On demand)

BIOL 260 – Introduction to Cell Biology (Spring only)

CHEM 251 – Organic Chemistry I (Fall only)\*

CHEM 252 – Organic Chemistry II (Spring only)\*

PHYS 211 – General Physics I (Fall and spring)\*

PHYS 211L – General Physics I Lab (Fall and spring)\*

PHYS 212 – General Physics II (Fall-On demand and spring)\*

PHYS 212L – General Physics II Lab (Fall-On demand and spring)\*

See page 104, 2010-2011 San Juan College catalog.