



## Associate of Science SCIENCE 2012-2014

If you wish to transfer into a four-year program and earn a degree in one of the many fields of science, you should pursue this degree. The science department provides basic courses in biology, chemistry, engineering, geology, and physics, in addition to courses in computer science, and anatomy & physiology for students wishing to transfer to allied science programs.

### **GENERAL EDUCATION (43 CR) SEE PAGES 25-28.**

#### **Area I. Communications (9 cr)**

#### **Area II. Mathematics (10 cr)**

MATH	150	College Algebra (3)
MATH	155	Trigonometry (3)
MATH	162	Calculus I (4)

#### **Area III. Laboratory Sciences (8 cr)**

*Choose one of the following three 2-semester sequences (with lab)*

BIOL	201/L	Principles of Molecular and Cell Biology with lab (4)
BIOL	202/L	Principles of Genetics with lab (4)
OR		
CHEM	121/L	General Chemistry I with lab (4)
CHEM	122/L	General Chemistry II with lab (4)
OR		
PHYS	215/L	Engineering Physics I with lab (4)
PHYS	216/L	Engineering Physics II with lab (4)

#### **Area IV. Social/Behavioral Sciences (6-9 cr)**

#### **Area V. Humanities and Fine Arts (6-9 cr)**

HUM	100	FYE: History and Culture of Northern New Mexico (3)
PHIL	220	Ethics (3)

#### **Area VI. Library Technology (1 cr)**

LT	101	Library Research Skills (1)
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### **PROGRAM REQUIREMENTS (29 CR)**

BCIS	102	Computer Literacy (3)
CS	132	Introduction to Programming (3)
MATH	145	Introduction to Probability and Statistics (3)

*Two additional semesters of lab courses (8 cr): Choose from BIOL, CHEM, or PHYS.*  
Approved Electives (12)

**TOTAL CREDITS: 72**