

Associate in Science Degree  
(A10400)

The Associates in Science degree is recommended for students who plan to transfer to four-year colleges or universities to pursue the Bachelor of Science degree.

**GENERAL EDUCATION CORE ..... 46 SHC**

**English Composition (6 SHC)**

- ENG 111 Writing and Inquiry
- ENG 112 Writing/Research in the Disciplines

**Communications (3 SHC)**

- COM 231 Public Speaking

**Humanities/Fine Arts (3 SHC)**

- Choose one course from the following list:

Art

- ART 111 Art Appreciation
- ART 114 Art History Survey I
- ART 115 Art History Survey II

English

- ENG 231 American Literature I
- ENG 232 American Literature II
- ENG 241 British Literature I
- ENG 242 British Literature II

Music

- MUS 110 Music Appreciation
- MUS 112 Introduction to Jazz

Philosophy

- PHI 240 Introduction to Ethics

**Social/Behavioral Sciences (6 SHC)**

- Choose two courses (minimum two subjects) from the following from the following list:

Economics

- ECO 251 Principles of Microeconomics
- ECO 252 Principles of Macroeconomics

History

- HIS 111 World Civilizations I
- HIS 112 World Civilizations II
- HIS 131 American History I
- HIS 132 American History II

Political Science

- POL 120 American Government

Psychology

PSY 150 General Psychology  
Sociology  
SOC 210 Introduction to Sociology

### **Math (8 SHC)**

- Choose two courses from the following list:  
MAT 171 Precalculus Algebra  
MAT 172 Precalculus Trigonometry  
MAT 263 Brief Calculus  
MAT 271 Calculus I  
MAT 272 Calculus II

### **Natural Sciences (8 SHC)**

- Choose one group from the following list:  
Biology  
    BIO 111 General Biology I and BIO 112 General Biology II  
Chemistry  
    CHM 151 General Chemistry I and CHM 152 General Chemistry II  
Physics  
    PHY 151 College Physics I and PHY 152 College Physics II  
    PHY 251 General Physics I and PHY 252 General Physics II

### **ADDITIONAL GENERAL EDUCATION HOURS (15-16 SHC)**

- **Foreign Language**  
Choose two courses from one of the following groups:  
American Sign Language (ASL 111, ASL 112, ASL 211, ASL 212)  
Chinese (CHI 111, CHI 112)  
French (FRE 111, FRE 112)  
German (GER 111, GER 112)  
Russian (RUS 111, RUS 112)  
Spanish (SPA 111, SPA 112, SPA 211, SPA 212)
- **Humanities**  
HUM 115 Critical Thinking
- Choose a minimum of three additional hours

### **OTHER REQUIRED HOURS (15 SHC)**

- **Academic Transition**  
ACA 122 College Transfer Success
- **Math Elective**  
MAT 152 Statistical Methods I  
MAT 171 Precalculus Algebra  
MAT 172 Precalculus Trigonometry  
MAT 263 Brief Calculus  
MAT 271 Calculus I  
MAT 272 Calculus II

MAT 273 Calculus III  
MAT 280 Linear Algebra  
MAT 285 Differential Equations

- **Sciences**

Choose a minimum of 8 hours from the following list:

Astronomy

AST 111/AST III A Descriptive Astronomy  
AST 151/AST 151A General Astronomy I

Biology

BIO 110 Principles of Biology  
BIO 111 General Biology I  
BIO 112 General Biology II  
BIO 130 Introductory Zoology  
BIO 140 Environmental Biology  
BIO 163 Basic Anatomy & Physiology  
BIO 168 Anatomy and Physiology I  
BIO 169 Anatomy and Physiology II  
BIO 250 Genetics  
BIO 271 Pathophysiology  
BIO 275 Microbiology

Chemistry

CHM 151 General Chemistry I and CHM 152 General Chemistry II

Physics

PHY 151 College Physics I and PHY 152 College Physics II  
PHY 251 General Physics I and PHY 252 General Physics II

- **Electives**

Choose a minimum of 3 additional hours from the college transfer general education, elective and/or pre-major courses.

**TOTAL SEMESTER HOURS CREDIT (SHC) IN PROGRAM ..... 61 SHC**

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