



Computer and Information Sciences Associate in Arts in Liberal Arts

Recommended Sequence **Credits**

First Semester (Fall)

- ENG 140 English Composition I 3
- HIS 101 Western Civilization I *or*
HIS 113 American History I 3
- COM 143 Speech I *or* 3
COM 105 Interpersonal Communications
- CSC 103 Introduction to Computing 3
- MAT ____*GE Math Elective (2A) 3
- 15**

Second Semester (Spring)

- ENG 141 English Composition II 3
- HIS 102 Western Civilization II *or*
HIS 114 American History II 3
- CSC 120 Data Communications *or*
CSC 110 Systems Analysis 3
- MAT ____*GE Math Elective (2A) 3
- ____ GE Social Science Elective (3) 3
- 15**

Third Semester (Fall)

- CSC 121 Programming I 3
- ____ GE Lab Science Elective (2B) 4
- ____ GE Humanities Elective (4) 3
- ____ GE Humanities Elective (4) 3
- MAT ____*Math Elective 3-4
- 16-17**

Fourth Semester (Spring)

- ECO 188 Macroeconomics 3
- CSC 122 Programming II 3
- MAT ____*Math Elective 3-4
- ____ GE Diversity Elective (6) 3
- ____ GE Humanities Elective (4) 3
- 15-16**

Total Credits for Degree 61-63

* Four of the following five: MAT 131, MAT 141, MAT 151, MAT 201, MAT 202

**General Education Requirements for
A.A. Programs**

1. COMMUNICATION

Must complete 9 credits from the following:

- ENG-140 ENG-141
- COM-143 or COM-105

2. MATHEMATICS – SCIENCE – TECHNOLOGY

Must complete 12 credits as specified by category:

A. Mathematics (3-6 credits)

- MAT-110 MAT-111 MAT-131
- MAT-141 MAT-150 MAT-151

B. Science (4-8 credits)

- BIO-145 BIO-150 BIO-162 BIO-163
- BIO-165 BIO-170 BIO-176 BIO-262
- CHE-110 CHE-164

C. Technology (0-4 credits)

- CSC-102 CSC-103 CSC-112

3. SOCIAL SCIENCE

Must complete 6 credits:

- ANT 289 ECO-188 ECO-189 GEO-105
- POL -101 POL -115 POL-201 PSY-101
- PSY-175 SOC-103 SOC-202

4. HUMANITIES

Must complete 9 credits:

- ART-101 ART-105 ART-106 ART-107
- ENG-199 ENG-201 ENG-202 ENG-240
- ENG-241 ENG-242 FOR-101 FOR-103
- FOR-133 FOR-151 FOR-201 FOR-251
- HIS-101 HIS-102 HIS-113 HIS-114
- HIS-220 HIS-225 HIS-250 HIS-260
- MUS-191 MUS-211 PHI-101 PHI-102
- PHI -103 PHI-204 PHI-261 THE-193

5. HISTORY

Must complete 6 credits:

- HIS-101 HIS-102 HIS-113 HIS-114

6. DIVERSITY

Must complete 3 credits:

- ANT-289 ART-105 ART-106 ART-107
- COM-205 GEO-105 HIS-220 HIS-225
- HIS-250 HIS-260 MUS-211 PHI-204
- PHI-251 PHI-261 POL-201 PSY-251
- SOC-120 SOC-211(also MUS 211)

COMPUTER AND INFORMATION SCIENCES

Associate in Arts in Liberal Arts

The Computer and Information Sciences Option is designed to parallel the first two years of a baccalaureate computer science degree program. The studies include computer programming, introductory computer architecture, mathematics, and general education courses.

Some programs this degree prepares you for: Computer Science; and Computer Programming.

Some career fields the previous programs can help prepare you for: Applications/Systems Programmer; Programmer/Analyst; Software Developer; Computer Maintenance; and Computer Consultant.

Elective Categories:

Students may select courses from any of the disciplines listed below each category to full-fill any remaining degree requirements above and beyond their General Education Requirements.

SOCIAL SCIENCE:

ANT CRJ ECO POL PSY SOC

HUMANITIES:

ART COM FOR ENG* HIS MUS PHI THE

* Literature Elective must be ENG-199, 201, 202, 205, 240, 241, 242, 244, 245

BUSINESS:

ACC BUS COM121 CSC ECO GRD LST

LIBERAL ARTS:

ANT ART BIO COM CHE CRJ ECO

ENG* FOR HIS MAT MUS PHI PHY

POL PSY SOC THE

* Literature Elective must be ENG-199, 201, 202, 205, 240, 241, 242, 244, 245

FREE:

Any college-level (100+) course that is not required as part of the degree program