



## Associate of Science Degree Requirements

### Effective Summer 2016

These requirements are for students planning to transfer to four-year colleges or universities. Associate of Science program guidelines are listed in the program description portion of this catalog that begins on page 65.

### Communications 9 Semester Hours

All courses are 3 credit hours

|          |                               |
|----------|-------------------------------|
| ENGL 121 | Rhetoric and Composition I *  |
| ENGL 122 | Rhetoric and Composition II * |
| SPCH 191 | Fundamentals of Speech        |

\* A grade of "C" or better is required.

### Humanities and Fine Arts 6 Semester Hours

One course must be chosen from Fine Arts and one course must be chosen from Humanities.

Humanities (all courses are 3 credit hours)

|          |                                   |
|----------|-----------------------------------|
| ENGL 223 | Introduction to Fiction           |
| ENGL 224 | Introduction to Poetry            |
| ENGL 225 | American Literature I             |
| ENGL 226 | American Literature II            |
| ENGL 227 | British Literature I              |
| ENGL 228 | British Literature II             |
| ENGL 229 | Introduction to Shakespeare       |
| ENGL 230 | Women in Literature               |
| HUMA 104 | Introduction to Humanities        |
| HUMA 110 | Introduction to Critical Thinking |
| PHIL 180 | Survey of World Religions         |
| PHIL 281 | Introduction to Philosophy        |
| PHIL 282 | Ethics                            |

Fine Arts (all courses are 3 credit hours)

|          |                                  |
|----------|----------------------------------|
| ART 110  | Introduction to Art              |
| ART 215  | Art History I                    |
| ART 216  | Art History II                   |
| ART 219  | Modern Art                       |
| HUMA 104 | Introduction to Humanities       |
| MCOM 150 | Introduction to Film             |
| MCOM 205 | Film History and Appreciation    |
| MUS 267  | Introduction to Music            |
| MUS 268  | Introduction to Music of the USA |
| THEA 196 | Introduction to Theatre          |

### Mathematics 7 Semester Hours

Credit hours are noted in parenthesis

|          |  |
|----------|--|
| MATH 168 | Analytic Geometry & Calculus I (5)         |
| MATH 169 | Applied Practical Math (4)                 |
| MATH 171 | Finite Mathematics (4)                     |
| MATH 172 | Calculus for Business & Social Science (4) |
| MATH 174 | Math for Elementary Teachers II (3)        |
| MATH 177 | Statistics (3)                             |
| MATH 268 | Analytic Geometry & Calculus II (5)        |
| MATH 269 | Analytic Geometry & Calculus III (4)       |

### Physical and Life Science 11 Semester Hours

At least one course must be chosen from Life Sciences that includes a laboratory and one course must be chosen from Physical Sciences that includes a laboratory. Credit hours are noted in parenthesis. Courses indicating 4 or 5 credit hours will automatically have a laboratory component included in the course.

Life Sciences

|          |   |
|----------|---|
| BIOL 109 | Plants and Society (3)                    |
| BIOL 110 | Principles of Biology (4)                 |
| BIOL 116 | Introduction to Ecology (4)               |
| BIOL 124 | Microbes and Society (3)                  |
| BIOL 145 | Human Biology (3)*                        |
| BIOL 208 | Biology I: Molecular and Cell Biology (4) |

Physical Sciences

|          |  |
|----------|--|
| CHEM 120 | Elementary General Chemistry (4)       |
| CHEM 123 | General College Chemistry I (5)        |
| GEOL 126 | Geology (4)                            |
| NSCI 131 | Physical Science (3)                   |
| NSCI 131 | Physical Science Lab (1)               |
| NSCI 132 | Physical Geography (4)                 |
| NSCI 133 | Introduction to Astronomy with Lab (4) |
| NSCI 232 | Fundamentals of Meteorology (3)        |
| NSCI 232 | Meteorology Lab (1)                    |
| PHYS 140 | Survey of Physics (4)                  |
| PHYS 141 | Introductory Physics I (4)             |
| PHYS 143 | General Physics I (5)                  |

\* pending approval



## Social and Behavioral Sciences

### 6 Semester Hours

At least one course must be chosen from HIST or POL and course selections must include two different subject areas. All courses are 3 credit hours.

|      |     |   |
|------|-----|---|
| ECON | 111 | Principles of Economics I                   |
| ECON | 112 | Principles of Economics II                  |
| GEOG | 132 | Regional Geography of the World             |
| GEOG | 233 | Economic Geography                          |
| HIST | 141 | Western Civilization to 1648                |
| HIST | 142 | Western Civilization 1648 to Present        |
| HIST | 143 | U. S. History I                             |
| HIST | 144 | U. S. History II                            |
| HIST | 243 | History of Africa I                         |
| HIST | 244 | History of Africa II                        |
| HIST | 245 | History of the Middle East                  |
| POL  | 151 | Introduction to Political Science           |
| POL  | 152 | American Government & Politics              |
| POL  | 153 | State and Local Government                  |
| POL  | 253 | International Relations                     |
| POL  | 254 | Introduction to Comparative Government      |
| PSY  | 161 | Introduction to Psychology                  |
| PSY  | 162 | Child Psychology                            |
| PSY  | 262 | Human Growth & Development                  |
| PSY  | 264 | Social Psychology                           |
| SOCI | 171 | Introduction to the Principles of Sociology |
| SOCI | 177 | Introduction to Anthropology                |
| SOCI | 271 | Social Problems                             |
| SOCI | 274 | The Family                                  |
| SOCI | 276 | Racism & Diversity in Contemporary Society  |

## Major/Minor Electives

### 23 Semester Hours

Major/minor electives should be chosen from those designated with a "T" in the catalog. See page 167 for more information.

## MINIMUM HOURS FOR DEGREE:

### 62 Semester Hours

Foreign language may be required by senior institutions for a Bachelor of Arts degree. Additional science and math courses are required for Bachelor of Science degrees. Students should check with their student advisor to determine proper course selection.

Beginning summer 2016, the AS Degree does not satisfy the IAI GECC. Please see your HCC advisor and/or transfer institution for more details.