

# Associate in Science

2014-2015 Catalog

Award Granted Upon Completion: Associate in Science  
 Credits/Contacts Required: 60/63  
 Major code: 02/220

CIP Code: 240101

## Description

The Associate in Science Degree is primarily designed for students who wish to transfer to a four-year college or university. In addition to preparation for transfer, this program provides students with a strong general education background. Students should work closely with an academic advisor to select courses needed for their intended major. All students earning the Associate in Science Degree will meet the Michigan Transfer Agreement requirements listed in the catalog. ☼

### General Education Requirements – Min 30 credits

|          |   | <u>Cr</u> |
|----------|---|-----------|
| ENGL-101 | Rhetoric & Composition  | 3         |
| XXXX-xxx | Communication Elective<br>ENGL-102 or 145;<br>COMM-103, 104, or 120 # | 3         |
| MATH-xxx | Mathematics Elective:<br>MATH-110 or higher                           | 3-5       |
| XXXX-xxx | Natural Science *   | 8-10      |
| XXXX-xxx | Social & Behavioral Science **<br>Electives                           | 6         |
| XXXX-xxx | Humanities Electives **   | 6         |

### Degree Requirements – Min 30 credits

|                           |   | <u>Cr</u> |
|---------------------------|---|-----------|
| Mathematics               | Minimum of 7 credits at<br>MATH-110 level or higher<br>including General Education Math | 3-5       |
| Natural<br>Science *      | Minimum of 16 credits including<br>General Education                                    | 6-8       |
| Approved<br>Electives *** | Minimum of 19 credits   | 19        |

### Suggested Sequences Per Semester

|                        |                                   | <u>Cr / Ct</u>     |
|------------------------|-----------------------------------|--------------------|
| <b>First Semester</b>  |                                   |                    |
| ENGL-101               | Rhetoric & Composition            | 3/3                |
| MATH-xxx               | Mathematics<br>MATH-110 or higher | 4-5/4-5            |
| XXXX-xxx               | Natural Science *                 | 4-5/5-7            |
| XXXX-xxx               | Humanities **                     | 3/3                |
|                        |                                   | <b>14-16/15-18</b> |
| <b>Second Semester</b> |                                   |                    |
| XXXX-xxx               | Communication Elective #          | 3/3                |
| MATH-xxx               | Mathematics                       | 3-5/3-5            |
| XXXX-xxx               | Natural Science *                 | 4-5/5-7            |
| XXXX-xxx               | Social & Behavioral Science **    | 3/3                |
| XXXX-xxx               | Approved Elective ***             | 3-5/3-5            |
|                        |                                   | <b>16-21/17-23</b> |
| <b>Third Semester</b>  |                                   |                    |
| XXXX-xxx               | Natural Science *                 | 3-5/5-7            |
| XXXX-xxx               | Social & Behavioral Science **    | 3/3                |
| XXXX-xxx               | Approved Elective ***             | 4-5/4-5            |
| XXXX-xxx               | Approved Elective ***             | 4-5/4-5            |
|                        |                                   | <b>14-18/16-20</b> |
| <b>Fourth Semester</b> |                                   |                    |
| XXXX-xxx               | Natural Science *                 | 4-5/5-7            |
| XXXX-xxx               | Humanities **                     | 3/3                |
| XXXX-xxx               | Approved Elective ***             | 4-5/4-5            |
| XXXX-xxx               | Approved Elective ***             | 4-5/4-5            |
|                        |                                   | <b>15-18/16-20</b> |

☼ This degree requires fulfillment of the Michigan Transfer Agreement General Education requirements. All courses used to fulfill MTA must have a grade of "C" or higher.

- # Students should contact their transfer institution for specific requirements. ENGL-145 is generally recommended.
- \* Students must choose two natural sciences to meet the MTA requirement, and at least one must be a lab science course. Choose from any BIOL course (excluding BIOL-090, 225, and 276), any CHEM course (excluding CHEM-090), GEOG-110, or any PHYS course.
- \*\* Students must choose courses in Social & Behavioral Sciences and Humanities from two different subject areas to meet MTA. See advisor for details.
- \*\*\* Actual courses and sequence vary with specialization. Electives courses should be selected based on the transfer institution's requirements which are available at [www.macrao.org](http://www.macrao.org) for specific university and program requirements. Students should regularly consult their transfer institution as well as their Bay College advisor prior to scheduling classes.