



## Associate of Science, Integrated Science Education

### Bachelor's Degree Transfer Major

2018–2019

#### DESCRIPTION:

The Associate of Science degree is designed to satisfy the first two years of a bachelor's degree in majors that require advanced math or science. Formal agreements have been made with colleges and universities which allow for coursework taken in the Associate of Science degree program at Columbus State to transfer and apply to a bachelor's degree.

The Associate of Science, Integrated Science Education transfer major is intended to provide the first two years of a bachelor's degree for students that plan to complete a teacher licensure program for teaching biology, chemistry, earth/environmental science and physics in grades 7-12.

#### ADMISSION REQUIREMENTS:

Students may begin this degree during any semester upon admission to the college. Eligibility for specific courses will be determined by evaluation of ACT or SAT scores, previous college credits, and Columbus State placement testing results (if required). Course descriptions and prerequisites are outlined in the Columbus State catalog at <http://www.cscs.edu/academics/catalog/>.

#### ONGOING REQUIREMENTS:

All students must satisfactorily complete at least 61 credit hours of approved courses (a minimum of 20 credit hours must be completed at Columbus State) with an overall grade point average of 2.0 or better for all college-level courses completed at Columbus State. Consult with an Arts and Sciences Academic Advisor for Columbus State degree and graduation planning, assistance with developing and achieving academic goals, and information about transfer resources. Students should research program and admission requirements for their specific intended four-year institution and major early in their college career.

#### OPPORTUNITIES FOR GRADUATES:

##### Transfer:

The Associate of Science, Integrated Science Education transfer major is designed for students who are planning to transfer to a four-year college or university with the goal of completing a bachelor's degree in Integrated Science Education. Graduating with the Associate of Science degree includes completion of the Ohio Transfer Module. As a result, Associate of Science graduates have fulfilled most of their general education requirements and once admitted to the four-year program, will be focused on upper-level major courses.

##### Career:

Research educational requirements, expected earnings, and job market predictions using the online Career Coach tool at <http://cscs.emsicc.com>.

**DEGREE REQUIREMENTS (A.S., INTEGRATED SCIENCE EDUCATION):****FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
ENGL 1100 or ENGL 1101 Composition I	AU/SP/SU	3	<ul style="list-style-type: none"> <li>Consult an Arts and Sciences Academic Advisor early on to help you select courses required by your transfer institution of choice.</li> </ul>
<b>CHEM 1171 General Chemistry I</b>	AU/SP/SU	5	
COLS 1100 First Year Experience Seminar	AU/SP/SU	1	
MATH 1150 Pre-Calculus	AU/SP/SU	6	
<b>Accumulated Credits Earned</b>		<b>15</b>	

**SECOND SEMESTER**

Course	Term	Credits	Milestones/Progress Check
<b>CHEM 1172 General Chemistry II</b>	AU/SP/SU	5	<ul style="list-style-type: none"> <li>Connect with appropriate University advisor at the Columbus State Transfer Center; visit transfer campus.</li> <li>Apply for scholarships for next autumn semester.</li> </ul>
<b>BIO 1113 Biological Science I</b>	AU/SP/SU	4	
ENGL 2767 Composition II: Writing about Science & Tech. or other Intermediate Composition course *	AU/SP/SU	3	
MATH 1151 Calculus I	AU/SP/SU	5	
<b>Semester hours/Credits</b>		<b>17</b>	
<b>Accumulated Credits Earned</b>		<b>32</b>	<b>Halfway point to A.S. degree!</b>

**SUMMER SEMESTER**

Course	Term	Credits	Milestones/Progress Check
PSY 1100 Intro to Psychology	AU/SP/SU	3	<ul style="list-style-type: none"> <li>Consult an Arts and Sciences Academic Advisor early on to help you select courses required by your transfer institution of choice.</li> </ul>
Historical Study course *	AU/SP/SU	3	
<b>Semester hours/Credits</b>		<b>6</b>	
<b>Accumulated Credits Earned</b>		<b>38</b>	

**FOURTH SEMESTER**

Course	Term	Credits	Milestones/Progress Check
<b>BIO 1114 Biological Science II</b>	AU/SP/SU	4	<ul style="list-style-type: none"> <li><b>Submit petition to graduate</b></li> <li>Reconnect with appropriate University advisor at the Columbus State Transfer Center; visit transfer campus.</li> <li>Submit transfer admission application.</li> </ul>
Math 1152 Calculus II	AU/SP/SU	5	
PHIL 1130 Ethics or other Cultures & Ideas course *	AU/SP/SU	3	
<b>Semester hours/Credits</b>		<b>12</b>	
<b>Accumulated Credits Earned</b>		<b>50</b>	

**FIFTH SEMESTER**

Course	Term	Credits	Milestones/Progress Check
<b>GEOL 1121 Physical Geology or other Natural Science course, with lab *</b>	AU/SP/SU	4-5	<p style="text-align: center;"><b>Ready for Graduation!</b></p>
ASC 1190 Critical Thinking	AU/SP/SU	1	
SOC 1101 Intro to Sociology	AU/SP/SU	3	
<b>BIO 1127 Environmental Science</b>	AU/SP/SU	4	
<b>Semester hours/Credits</b>		<b>12-13</b>	
<b>Accumulated Credits Earned</b>		<b>62-63</b>	

\*Full list of course options: <https://www.csc.edu/academics/transfer/degrees.shtml>

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester

Requirements subject to change.