ASSOCIATE IN SCIENCE (A.S) AWC ADVISEMENT CHECK SHEET

To help you decide upon which courses to include in both the major and elective blocks, you and your advisor should consult university requirements for specific required and recommended courses.

<table>
<thead>
<tr>
<th>Student Name</th>
<th>ID #</th>
<th>Advisor</th>
<th>Major Code: AS.BIOLO</th>
<th>Credits: 64</th>
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This program is designed for those students pursuing a career in biological sciences. Students who wish to pursue a pre-med preparation should follow this program as well. It is recommended that all students who wish to enter other related fields, such as medical technology or pre-professional health science (pre-dental, pre-optometry, pre-pharmacy, and pre-veterinary) should also follow this program and consult with an Academic Advisor for the appropriate courses and sequences for their particular field. Students may also be interested in the A.S degree in Environmental Sciences with Biology Emphasis.

### Required Major Courses (8 Credits)
- **BIO 181** General Biology (Majors) I
- **BIO 182** General Biology (Majors) II

### Other Departmental Requirements (19 Credits)
- **BIO 205** Microbiology
- **MAT 270** Applied Statistics

Select at least one of the following courses: (4 credits)
- **BIO 218** Pathophysiology
- **ENV 230** Foundations of Environmental Science: Humans and the Environment
- **BIO 254** Entomology

Select at least 7 additional credits from the following courses (7 credits):
- **BIO 201, BIO 202, BIO 218, BIO 254**
- **CHM 235, CHM 236**
- **ENV 230, ENV 280**
- **GLG 101, GLG 102, GLG 110**
- **PLS 200, PLS 211, PLS 240**
- **PHY 111, PHY 112, PHY 121, PHY 131**

(It is critical that the appropriate courses are chosen and that these are completed in proper sequence; you should review specific requirements of the university to which you wish to transfer)

### General Education Requirements (37 Credits)

See the AGEC-5 course list in the current catalog for selection of courses.

**English Composition (6 credits)**
- **ENG 101** Freshman Composition
- **ENG 107** First-Year Composition I (for Multilingual Writers)
- **ENG 102** Freshman Composition
- **ENG 108** First-Year Composition II (for Multilingual Writers)

**Mathematics (5 credits)**
- **MAT 220** Calculus I with Analytic Geometry

**OR** approved higher level math

**Arts/Humanities - Select at least one course from the Arts list and at least one course from the Humanities list. (6 credits)**

**Arts:**

**Humanities:**

**Social and Behavioral Sciences (6 credits)**

**Physical and Biological Sciences (8 credits)**
- **CHM 151** General Chemistry I
- **CHM 152** General Chemistry II

**Additional Courses (6-8 credits)**

*Dual Application of Courses* is the sharing of coursework between the AGEC and major or program requirements which allows the student to meet both requirements with a single course. Students must still meet the required number of credits to satisfy the program or degree. This dual application of courses gives students the opportunity to include additional course work under general electives.

List any courses used to satisfy program or degree credits due to dual application:  

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Catalog 2020-2021
One cultural (C) course and one global (G) or historical (H) course are required. Two writing intensive (WI) courses are required. ENG 101 or 107 is a prerequisite for all WI courses. Consult the current catalog for a list of approved courses.