



## Liberal Arts and Sciences – Life Science Concentration

### Associate in Arts

#### START here

1

SEMESTER 1 – FALL	CREDITS	MILESTONE	COMPLETED
<b>MAT 290 – Calculus for Engineering and Science</b>	4		<input type="checkbox"/>
ENG 101 – English Composition I	3		<input type="checkbox"/>
CSC 101 – Introduction to Computer Science –or– CSC 151 – Programming I –or– CAP 103 – Computers for Technology	4		<input type="checkbox"/>
<b>BIO 131 – General Biology I</b>	4		<input type="checkbox"/>
Humanities elective – Recommended: ETH 101 – Ethics and Society	3		<input type="checkbox"/>
TOTAL CREDITS		18	

2

SEMESTER 2 – SPRING	CREDITS	MILESTONE	COMPLETED
<b>STEM elective – Recommended MAT 291</b>	4		<input type="checkbox"/>
ENG 102 – English Composition II: Introduction to Literature	3		<input type="checkbox"/>
Humanities elective – Recommended: PHL 102 – Philosophy and Gender	3		<input type="checkbox"/>
<b>BIO 132 – General Biology II</b>	4		<input type="checkbox"/>
Behavioral Science elective – Recommended: PSY 101 –or– PSY 108	3		<input type="checkbox"/>
TOTAL CREDITS		17	

3

SEMESTER 3 – FALL	CREDITS	MILESTONE	COMPLETED
<b>CHE 151 – General Chemistry for Engineering and Science I</b>	4		<input type="checkbox"/>
HST 121 – US History before 1865 –or– HST 130 – History of World Civilization before 1500	3		<input type="checkbox"/>
Literature elective – Recommended: ENG 119, ENG 121, ENG 123 –or– ENG 140	3		<input type="checkbox"/>
<b>STEM elective – Recommended: BIO 231 – Anatomy and Physiology</b>	4		<input type="checkbox"/>
Behavior or SS elective – Recommended: SOC 101, HST 121 –or– HST 130	3		<input type="checkbox"/>
TOTAL CREDITS		17	

4

SEMESTER 4 – SPRING	CREDITS	MILESTONE	COMPLETED
<b>CHE 152 – General Chemistry for Engineering and Science II</b>	4		<input type="checkbox"/>
HST 122 – US History after 1865 –or– HST 131 – History of World Civilization after 1500	3		<input type="checkbox"/>
Humanities elective – Recommended: HUM 102, HUM 103, or PHL 101	3		<input type="checkbox"/>
<b>STEM elective – Recommended: BIO 235 – Microbiology</b>	4		<input type="checkbox"/>
TOTAL CREDITS		14	

**You've FINISHED!****Milestone Courses**

should be taken in the order shown. This will help you stay on track and graduate on time.



**Make Your Summer Matter.** Summer is a great time to take some elective courses and get ahead.

#### Helpful Hints

- Biology sequence of BIO 131 and BIO 132 must be completed in first year in order to be eligible for BIO 231 and BIO 235 in second year.
- Students are advised to complete the math requirements as early as possible.
- History sequence of HST 121/122 or HST 130/131 is required.
- Carefully choose STEM electives in semesters 3 and 4 to meet requirements of transfer institution and future career needs.

#### Career and Transfer Outlook

Most students in the Life Science Concentration continue their studies toward a bachelor's degree. Students may pursue various careers in biology, biomedical, environmental sciences, teaching or health-related professions.



This is a great time to **meet with your Career & Transfer Advisor** to learn what your next steps are.

To learn more, call us at **1-800-818-3434**  
or visit **www.middlesex.mass.edu**