



Chemistry Transfer

Associate in Science

START here

SEMESTER 1 – FALL	CREDITS	MILESTONE	COMPLETED
ENG 101 – English Composition I	3		<input type="checkbox"/>
CHE 151 – General Chemistry for Engineering and Science I	4		<input type="checkbox"/>
MAT 290 – Calculus I	4		<input type="checkbox"/>
Humanities Elective	3		<input type="checkbox"/>
IDS 101 – First-Year Experience	1		<input type="checkbox"/>

TOTAL CREDITS 15

SEMESTER 2 – SPRING	CREDITS	MILESTONE	COMPLETED
ENG 102 – English Composition II	3		<input type="checkbox"/>
CHE 152 – General Chemistry for Engineering and Science II	4		<input type="checkbox"/>
MAT 291 – Calculus II	4		<input type="checkbox"/>
Humanities – ETH 101 –or– ETH 105	3		<input type="checkbox"/>
Science Elective with or without Lab	3/4		<input type="checkbox"/>

TOTAL CREDITS 17/18

SEMESTER 3 – FALL	CREDITS	MILESTONE	COMPLETED
PHY 171 – Physics for Science and Engineering I	4		<input type="checkbox"/>
MAT 292 – Calculus III	4		<input type="checkbox"/>
Gen Ed Behavioral Science Elective	3		<input type="checkbox"/>
CHE 251 – Organic Chemistry I and Lab	4		<input type="checkbox"/>

TOTAL CREDITS 15

SEMESTER 4 – SPRING	CREDITS	MILESTONE	COMPLETED
PHY 172 – Physics for Science and Engineering II	4		<input type="checkbox"/>
MAT 298 – Differential Equations	3		<input type="checkbox"/>
Gen Ed Social Science Elective	3		<input type="checkbox"/>
CHE 252 – Organic Chemistry II and Lab	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

- Students need to begin their math sequence in the first semester; otherwise they will not be eligible for Physics I in semester 3.
- PHY 171 requires completion of, or concurrent enrollment in, Calculus I.
- PHY 172 requires completion of, or concurrent enrollment in, Calculus II.

Career and Transfer Outlook

Most students in the Chemistry Transfer program continue their studies toward a bachelor's degree. Students may pursue various careers in chemistry, physics, environmental sciences, teaching or engineering.



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**