



## Liberal Arts and Sciences – Physical Science Concentration

### Associate in Arts

**START here**

SEMESTER 1 – FALL	CREDITS	MILESTONE	COMPLETED
CHE 151 – General Chemistry I	4		<input type="checkbox"/>
MAT 195 – Precalculus	4		<input type="checkbox"/>
ENG 101 – English Composition I	3		<input type="checkbox"/>
CAP 103 – Computers for Technology –or– CSC 101 – Introduction to Computer Science –or– CSC 151 – Programming I	3-4		<input type="checkbox"/>
Science elective – Recommended ENV 113 –or– ENV 115 –or– ENV 110	3		<input type="checkbox"/>

TOTAL CREDITS 17-18

SEMESTER 2 – SPRING	CREDITS	MILESTONE	COMPLETED
CHE 152 – General Chemistry II	4		<input type="checkbox"/>
MAT 165 – Trigonometry	3		<input type="checkbox"/>
ENG 102 – English Composition II: Introduction to Literature	3		<input type="checkbox"/>
Literature elective: ENG 119, 121, 123 –or– 140	3		<input type="checkbox"/>
Humanities elective – Recommended: ETH 101 – Ethics and Society	3		<input type="checkbox"/>

TOTAL CREDITS 16

SEMESTER 3 – FALL	CREDITS	MILESTONE	COMPLETED
MAT 290 – Calculus I	4		<input type="checkbox"/>
PHY 171 – Physics I	4		<input type="checkbox"/>
History elective – Recommended: HST 121 –or– HST 130	3		<input type="checkbox"/>
Humanities elective – Recommended: HUM 102 – Intro to the Humanities	3		<input type="checkbox"/>
Behavioral Science elective – Recommended: PSY 101 – Introduction to Psychology –or– SOC 101 – Introduction to Sociology	3		<input type="checkbox"/>

TOTAL CREDITS 17

SEMESTER 4 – SPRING	CREDITS	MILESTONE	COMPLETED
MAT 291 – Calculus II	4		<input type="checkbox"/>
PHY 172 – Physics II	4		<input type="checkbox"/>
History elective – Recommended: HST 122 –or– HST 131	3		<input type="checkbox"/>
Humanities elective – Recommended: PHL 101 – Introduction to Philosophy –or– HUM 103 – The Great Traditions	3		<input type="checkbox"/>
Social Science election – Recommended: GGY 120 – World Geography	3		<input type="checkbox"/>

TOTAL CREDITS 17

**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 Physical Science Concentration 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](http://www.middlesex.mass.edu)