



Mathematics Transfer Associate in Science

START here

1

SEMESTER 1 – FALL	CREDITS	MILESTONE	COMPLETED
ENG 101 – English Composition I	3		<input type="checkbox"/>
MAT 290 – Calculus I	4		<input type="checkbox"/>
BIO 131 – General Biology I –or– CHE 131 – College Chemistry I –or– CHE 151 – General Chemistry for Engineering and Science I	4		<input type="checkbox"/>
Humanities Elective	3		<input type="checkbox"/>
IDS 101 – First Year Experience	1		<input type="checkbox"/>

TOTAL CREDITS 15

2

SEMESTER 2 – SPRING	CREDITS	MILESTONE	COMPLETED
ENG 102 – English Composition II	3		<input type="checkbox"/>
MAT 291 – Calculus II	4		<input type="checkbox"/>
MAT 250 – Discrete Math	3		<input type="checkbox"/>
BIO 132 – General Biology II –or– CHE 132 – College Chemistry II –or– CHE 152 – General Chemistry for Engineering and Science II	4		<input type="checkbox"/>
Behavioral Science Elective	3		<input type="checkbox"/>

TOTAL CREDITS 17

3

SEMESTER 3 – FALL	CREDITS	MILESTONE	COMPLETED
MAT 292 – Calculus III	4		<input type="checkbox"/>
MAT 295 – Linear Algebra I	3		<input type="checkbox"/>
PHY 171 – Physics for Engineering and Science I	4		<input type="checkbox"/>
Humanities Elective	3		<input type="checkbox"/>
Behavioral Science Elective–or– Social Science Elective	3		<input type="checkbox"/>

TOTAL CREDITS 17

4

SEMESTER 4 – SPRING	CREDITS	MILESTONE	COMPLETED
MAT 298 – Differential Equations	3		<input type="checkbox"/>
MAT 296 – Linear Algebra II	3		<input type="checkbox"/>
PHY 172 – Physics for Engineering and Science II	4		<input type="checkbox"/>
CSC 151 – Programming I	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

Lab Science courses must be one of these sequences:

- BIO 131 – General Biology I and BIO 132 – General Biology II –or–
- CHE 131 – College Chemistry I and CHE 132 – College Chemistry II –or–
- CHE 151 – General Chemistry for Engineering and Science I and CHE 152 – General Chemistry for Engineering and Science II –or–
- PHY 171 – Physics for Engineering and Science I and PHY 172 – Physics for Engineering and Science II

History courses must be one of these sequences:

- HST 121 – US History before 1865 and HST 122 – US History after 1865 –or–
- HST 130 – History of World Civilization before 1500 and HST 131 – History of World Civilization after 1500

Career and Transfer Outlook

Students planning on transferring to UML for BS, who are interested in the Chemistry option, must take CHE 151 – General Chemistry for Engineering and Science I

Students planning on transferring to UML for BA, who are interested in the Chemistry option, may take CHE 131 – College Chemistry I

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