



Computer Science Transfer

Associate in Science

START here

SEMESTER 1 – FALL	CREDITS	MILESTONE	COMPLETED
ENG 101 – English Composition I	3		<input type="checkbox"/>
CSC 151 – Programming I	4		<input type="checkbox"/>
CSC 156 – Operating Systems Basics and Security	3		<input type="checkbox"/>
ETH 103 – Ethics & Technology	3		<input type="checkbox"/>
Behavioral Science Elective	3		<input type="checkbox"/>

TOTAL CREDITS 16

SEMESTER 2 – SPRING	CREDITS	MILESTONE	COMPLETED
ENG 102 – English Composition II	3		<input type="checkbox"/>
CSC 252 – Programming II	4		<input type="checkbox"/>
COM 103 – Public Speaking and Professional Presentations	3		<input type="checkbox"/>
MAT 290 – Calculus I for Engineering and Science	4		<input type="checkbox"/>

TOTAL CREDITS 14

SEMESTER 3 – FALL	CREDITS	MILESTONE	COMPLETED
CSC 255 – Programming III	4		<input type="checkbox"/>
CSC 202 – Computer Organization/Assembly Language	4		<input type="checkbox"/>
MAT 291 – Calculus II for Engineering and Science	4		<input type="checkbox"/>
BIO 131 –or– CHE 151 –or– PHY 171	4		<input type="checkbox"/>

TOTAL CREDITS 16

SEMESTER 4 – SPRING	CREDITS	MILESTONE	COMPLETED
CSC 258 – Data Structures	4		<input type="checkbox"/>
BIO 132 –or– CHE 152 –or– PHY 172	4		<input type="checkbox"/>
Three credits in MAT 250 – Discrete Math –or– MAT 295 – Linear Algebra –or– BIO 131 (4) –or– CHE 151 (4) –or– PHY 171 (4)	3/4		<input type="checkbox"/>
Social Science Elective	3		<input type="checkbox"/>

TOTAL CREDITS 14/15

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

- If the student has no previous programming experience and *has not placed into MAT290*, the student must take CSC 101 Intro to Computer Science before CSC 151.
- If the student has placed lower than MAT 290, the student should take MAT 195 – Precalculus in semester 1 and MAT 165 – Trigonometry in semester 2.
- Lab Science courses must be one of these sequences: PHY 171 and PHY 172 or CHE 151 and CHE 152 or BIO 131 and BIO 132.
- Students are advised to register early for 200 level CSC courses as they tend to fill early.
- CSC101, CSC151, CSC156, and CSC252 are often offered in the summer semester.

Career and Transfer Outlook

Career opportunities are open to students who transfer to a four-year institution and complete a bachelor's degree. Students in computer science qualify for positions such as: software engineer, programmer, applications programmer, systems programmer, systems analyst, software developer, game developer, and quality assurance engineer.

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