



At the University of Maine at Presque Isle, our goal is to ensure you can Finish in Four. In addition to a wide range of academic and student support efforts, we've set up this pathway, or map, for you; if you follow this recommended sequence, you will complete your Bachelor's degree in four years. Together, we can help you Finish in Four and turn your degree into a great career.

*Please note that this is a scheduling aid, not a guarantee of specific course offerings each semester. Course availability varies depending on the date of enrollment, so please be sure to consult the appropriate catalog for official degree/program requirements and seek guidance regularly from your faculty and professional academic advisors.*

[www.umpi.edu/academics/computer-science](http://www.umpi.edu/academics/computer-science)

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## FIRST YEAR FALL SEMESTER

MAT 131	Calculus*	4 credits	<input type="checkbox"/>
ENG 101	Introduction to College Composition*	3 credits	<input type="checkbox"/>
UNV 101	University Experience*	2 credits	<input type="checkbox"/>
COS 101	Introduction to Computer Science	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 15 CREDITS

## FIRST YEAR SPRING SEMESTER

ENG 121	College Composition II*	3 credits	<input type="checkbox"/>
BIO 112	General Biology*	4 credits	<input type="checkbox"/>
COS 200	Introduction to Web Design	3 credits	<input type="checkbox"/>
COS 110	Programming Fundamentals	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 16 CREDITS

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## SECOND YEAR FALL SEMESTER

MAT 201	Probability and Statistics	3 credits	<input type="checkbox"/>
COS 350	Databases and Database Security	3 credits	<input type="checkbox"/>
COS 120	Introduction to Data Structures	3 credits	<input type="checkbox"/>
COS 240	Network Concepts	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 15 CREDITS

## SECOND YEAR SPRING SEMESTER

MAT 274	Linear Algebra	3 credits	<input type="checkbox"/>
COS 320	Software Engineering	3 credits	<input type="checkbox"/>
COS 330	Object-Oriented Programming	3 credits	<input type="checkbox"/>
MAT 253	Discrete Mathematics	3 credits	<input type="checkbox"/>
MAT 202	Probability and Statistics II*	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 15 CREDITS

3

## THIRD YEAR FALL SEMESTER

COS 310	Operating Systems	3 credits	<input type="checkbox"/>
COS 235	Architecture and Organization	3 credits	<input type="checkbox"/>
COS 205	Multimedia Design	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 15 CREDITS

## THIRD YEAR SPRING SEMESTER

COS 250	Management of Enterprise Data	3 credits	<input type="checkbox"/>
ENV 308	GIS I Fundamentals of GIS	4 credits	<input type="checkbox"/>
COS 220	Programming Languages	3 credits	<input type="checkbox"/>
GEC	General Education Course	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 13 CREDITS

4

## FOURTH YEAR FALL SEMESTER

COS 300	Advanced Web Design	3 credits	<input type="checkbox"/>
COS 321	Software Engineering II	3 credits	<input type="checkbox"/>
COS 230	Algorithm Theory and Development	3 credits	<input type="checkbox"/>
ELECTIVE	BUS, COS, or MAT	3 credits	<input type="checkbox"/>
COS 305	Computational Science	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 15 CREDITS

## FOURTH YEAR SPRING SEMESTER

COS 495	Computer Science Internship	3 credits	<input type="checkbox"/>
COS 315	Parallel and Distributed Computing	3 credits	<input type="checkbox"/>
GEC XXX	General Education Course	3 credits	<input type="checkbox"/>
GEC XXX	General Education Course	3 credits	<input type="checkbox"/>
GEL XXX	General Elective	3 credits	<input type="checkbox"/>

SEMESTER TOTAL 15 CREDITS

Total Minimum Credits Required for Degree: **120 credits**

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\*Meets General Education Curriculum requirement