



Computer Science

Total Credits: **43+**

Department Chair: Professor Alan Broder
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Find the Website [here](#)

REQUIRED COURSES

Course #	Course Name	Credits
COMP 1300C	Introduction to Computer Science	4
COMP 1320C	Data Structures	4
COMP 1504	Discrete Structures	3
COMP 2115C	Computer Systems	3
COMP 2545	Algorithms	3
COMP 3563	Database Systems	3
COMP 3640	Programming Languages	3
COMP 3650	Object-Oriented Software Design	3
MATH 1412	Calculus I	4
MATH 1413*	Calculus II	4
MATH 2105*	Linear Algebra	3
COMP -----	Computer Science elective 1**	4
COMP -----	Computer Science elective 2**	3

* MATH 1413 and MATH 2105 may count toward the elective category of the General Education requirements.

**** Recommended electives on the following page**

RECOMMENDED ELECTIVES

Course #	Course Name	Credits
COMP 2314C	Linux Programing for Data Analysis	4
COMP 3780	Web Programing & Development	3
COMP 4930H	Natural Language Processing	3
COMP 2512	Networking & Communications	3
COMP 3610	Operating Systems	3
COMP 3920	Applied Machine Learning	3

Computer Science Minor

Total Credits: **20+**

REQUIRED COURSES

Course #	Course Name	Credits
COMP 1300C	Introduction to Computer Science	4
COMP 1320C	Data Structures	4

Plus four (4) additional courses in Computer Science



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