Yeshiva University
STERN COLLEGE FOR WOMEN
Academic Advisement Center

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Computer Science Major — Total Credits: 46

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

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

**** Recommended electives are:**

COMP 2314 C	Linux Programming for Data Analysis	4 Credits
COMP 3780	Web Programming & Development	3 Credits
COMP 4930 H	Natural Language Processing	3 Credits

Computer Science Minor

Required Courses		Credits
COMP 1300 C	Introduction to Computer Science	4 Credits
COMP 1320 C	Data Structures	4 Credits

Plus four (4) additional courses in Computer Science