

Computer Science Prerequisite Structure

Courses are listed in the order they should be taken

Course:	Prerequisite:
ENG 1010	See Catalog – Course Descriptions
CAS 1010	No Prerequisite
HUM XXXX	See Catalog – General Studies Requirements for list of accepted Arts and Humanities courses
CS 1030	No Prerequisite
MTH 1110	Readiness for College Algebra (See M&CS Department website-General Studies QL)
ENG 1020	ENG 1010 OR ENG 1009
HIS XXXX	See Catalog – General Studies Requirements for list of accepted History courses
CS 1050	CS 1030 OR Readiness for MTH 1110 (See M&CS Department website-General Studies QL)
CS 1400	Readiness for MTH 1110 (See M&CS Department website-General Studies QL)
MTH 1120	MTH 1110 OR College Level Math Accuplacer Score 65
CS 2050	CS 1050 and MTH 1110
CS 2400	CS 1050 and CS 1400 and MTH 1110
MTH 1410	(MTH 1110 and MTH 1120) OR MTH 1400 OR College Level Math Accuplacer Score 80
Science Sequence	See Catalog – Computer Science Major Requirements for list of accepted courses
MTH 2410	MTH 1410
CS 3250	CS 2050 and ENG 1020 and CAS 1010
HUM XXXX	See Catalog – General Studies Requirements for list of accepted Arts and Humanities courses
COM 2610	ENG 1010
Social XXXX	See Catalog – General Studies Requirements for list of accepted Social/Behavioral Science I courses
MTH 2140	MTH 1120 OR MTH 1400
CS 3600	CS 2050 and CS 2400 and CS 3250
MTH 3170	CS 2050 and MTH 2410 and ADVISING WITH CS FACULTY ADVISOR
PHI 3370	Any CS course
CS 3240	CS 2050 and MTH 3170
MTH 3210	MTH 2410
CS 3210	CS 2050 and CS 2400 and CS 3250 and MTH 3170
Social XXXX	See Catalog – General Studies Requirements for list of accepted Social/Behavioral Science II courses
CS Elective	See page 2 for courses and prerequisites
CS 4050	CS 3240, CS 3250, and 4 credits of upper division CS electives (MTH 3210 is recommended)
CS Elective	For the Software Engineering track this elective will be CS 4250 (offered in FALL ONLY) See page 2 for courses and prerequisites.
Required MTH or Science	See Catalog – General Studies Natural Science Requirements or Computer Science Major Requirements for list of accepted courses
CS 4260	CS 4250, CAS 1010, Senior Standing, 8 credits of upper division CS electives (offered in SPRING ONLY)
OR CS 4360	CS 3600, PHI 3370, COM 2610, CAS 1010, Senior Standing, 8 credits of upper division CS electives
Required MTH or Science	See Catalog – General Studies Natural Science Requirements or Computer Science Major Requirements for list of accepted courses
CS Elective	See page 2 for courses and prerequisites

- All prerequisite courses for REQUIRED CS, MTH, and Ancillary courses must be completed with a grade of “C” or better
- Students also may enroll for any course in CS with permission of instructor or permission of department

Computer Science Prerequisite Structure

UPPER DIVISION CS ELECTIVES: Courses are listed from least to highest number of prerequisites

CS Elective Course:	Prerequisite
CS 3013	CS 2050
CS 3140	CS 2050
CS 3280	CS 2050
CS 3700	CS 2050 and CS 1400
CS 3810	CS 2050 and MTH 1410
CS 3510	CS 2050 and MTH 1410 and (either MTH 2140 or MTH 3140)
CS 3400	CS 2050 and CS 2400
CS 3750	CS 2050 and CS 2400
CS 3410	CS 2050 and CS 2400 (CS 3600 is recommended)
CS 4760	CS 2050 and CS 2400 and CPE 3400
CS 4000	CS 2400 and CPE 3400 and CPE 3330
CS 4120	CS 3210
CS 4250	CS 3210 and CS 3240 and COM 2610 and PHI 3370 and 4 credits of upper division CS elective (CS 3240 can be taken as a co-requisite if registered in the first 8 weeks of the semester)
CS 4281	CS 4250
CS 4282	CS 4250
CS 4283	CS 4250
CS 4284	CS 4250
CS 4285	CS 4260 OR Two of CS 4281, CS 4282, CS 4283, CS 4284
CS 4520	Permission of instructor
CS 4760	CS 2050 and CS 2400 and CPE 3400
Independent Study	Junior/Senior Standing and permission of instructor

- **All prerequisite courses for CS Electives must be completed with a grade of “C” or better**
- **Students also may enroll for any course in CS with permission of instructor or permission of department**