

# Computer Science Major

Class of 2009 and earlier  
New curriculum

Name: \_\_\_\_\_ Option(s): \_\_\_\_\_ 2<sup>nd</sup> Major: \_\_\_\_\_ Minor(s): \_\_\_\_\_

## COMMON TO ALL OPTIONS

### Computer Science (28 cr)

CS141 \_\_\_ 4  
CS142 \_\_\_ 3  
CS241 \_\_\_ 3  
CS242 \_\_\_ 3  
CS341 \_\_\_ 3  
CS344 \_\_\_ 3  
CS345 \_\_\_ 3  
CS350 \_\_\_ 3  
CS444 \_\_\_ 3

### Mathematics (15 cr)

MA131 \_\_\_ 3  
MA132 \_\_\_ 3  
MA211 \_\_\_ 3  
MA339 or 239: \_\_\_\_\_ 4  
MA \_\_\_ \_\_\_ 3  
MA383 or 381: \_\_\_\_\_ 3  
MA \_\_\_ \_\_\_ 3

### Science (12 cr)

A two-course sequence  
(PH131-132, PH141-142  
or CM131-132):  
\_\_\_\_\_ 4  
\_\_\_\_\_ 4  
At least 4 credits of PH,  
BY, CM or Science  
Foundation courses:  
\_\_\_\_\_ \_\_\_  
\_\_\_\_\_ \_\_\_

### Liberal Arts (18 cr)

LS195 \_\_\_ 3  
LS196 \_\_\_ 3  
\_\_\_\_\_ 3 (Hum)  
\_\_\_\_\_ 3 (Soc)  
\_\_\_\_\_ 3 (H or S)  
\_\_\_\_\_ 3 (H or S)

### Other Requirements

FY100 \_\_\_ 1

### GENERAL OPTION

Two of 445, 455 or 460:  
CS \_\_\_ \_\_\_ 3  
CS \_\_\_ \_\_\_ 3  
One CS400+:  
CS \_\_\_ \_\_\_ 3  
Two CS400+, EE368, 466,  
IS312, 314, COMM440,  
442, 444:  
\_\_\_\_\_ 3  
\_\_\_\_\_ 3  
Bus: \_\_\_\_\_ 3

### SOFTWARE DESIGN AND DEVELOPMENT

CS458 \_\_\_ 3  
CS459 \_\_\_ 3  
CS460 \_\_\_ 3  
EE368 \_\_\_ 3  
CS445 or 455:  
CS \_\_\_ \_\_\_ 3  
One CS400+:  
CS \_\_\_ \_\_\_ 3  
Bus (restricted to MK,  
OM, OS or HP200):  
\_\_\_\_\_ 3

### INFORMATION TECHNOLOGY

CS455 \_\_\_ 3  
CS460 \_\_\_ 3  
IS314 \_\_\_ 3  
COMM341 \_\_\_ 3  
CS462, COMM440 or 442:  
\_\_\_\_\_ 3  
COMM444 \_\_\_ 3  
One CS400+:  
CS \_\_\_ \_\_\_ 3

### RESEARCH

CS445 \_\_\_ 3  
CS447 \_\_\_ 3  
CS455 or 460:  
CS \_\_\_ \_\_\_ 3  
Two CS400+:  
CS \_\_\_ \_\_\_ 3  
CS \_\_\_ \_\_\_ 3  
Six credits of thesis or  
ugrad research, or two  
CS600+:  
CS \_\_\_ \_\_\_ 3  
CS \_\_\_ \_\_\_ 3  
Thesis (see handbook): \_\_\_  
Bus: \_\_\_\_\_ 3

### *Free Electives*

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### *Sem. QPA Credits*

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*Total credits needed for graduation:* \_\_\_\_\_  
(Could be more than 120 because of courses that don't count.)