

# FOUR YEAR TEMPLATE COMPUTER SCIENCE B.S. [COMPUTER GRAPHICS CONCENTRATION]

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## FIRST YEAR

### First Semester

CSC 110 Computer Science I  
MAT 211 Calculus I  
HIS 105 World History I  
ENG 106 Writing Intensive First Year Seminar

### Second Semester

CSC 111 Computer Science II  
MAT 225 Discrete Math  
HIS 106 World History II  
HCS 100 Intro. to Human Comm.

## SECOND YEAR

### First Semester

CSC 211 Design Patterns  
CSC 220 Computer Organization  
Gen Ed (2)  
Science 1 (2 semester science sequence)

### Second Semester

CSC 310 Algorithms  
CSC 320 Operating Systems  
Gen Ed (2)  
Science 2 (2 semester sequence)

## THIRD YEAR

### First Semester

CSC 350 Intro. to Computer Graphics  
ART 217 Computer Design I  
Gen Ed (2)  
MAT 329 Elem. Linear Algebra

### Second Semester

CSC 450 Adv. Computer Graphics  
ART 306 Computer Design II  
MAT 313 Applied Statistics  
CSC 371 Database Management

## FOURTH YEAR

### First Semester

Gen Ed (2)  
CD3/CD4/CD5(choice of 1)  
CSC Elective  
Free Elective

### Second Semester

CSC 451 CG Algorithms  
Gen Ed (2)  
CSC 499 Research and Development  
CSC Elective/Free Elective