

## B.S. Computer Science

### FRESHMAN YEAR

Fall Semester		16 Credits
FYE xxxx	FYE Seminar (R, IL).....	3
ENGL 1100	Writing 1 (W).....	3
MATH 1300	Precalculus^(QR) .....	4
CSC 1500	Computer Science I.....	3
SPCH xxxx	WS elective .....	3

^ The AAF placement test score > 242 is required.

Spring Semester		16 Credits
MATH 2800	Statistical Analysis .....	3
ENGL 1200	Writing II (W, IL).....	3
CSC 1900	Discrete Mathematics (PL).....	3
CSC 1550	Computer Science II.....	3
SI / LAB	Natural Sciences Course (SI).....	3or4

### JUNIOR YEAR

Fall Semester		16 Credits
CSC 2600	Computer Organization .....	4
CSC 3200	Programming Languages.....	3
CSC 3050	Web Programming .....	3
HIST xxxx	HI elective .....	3
	Free elective .....	3

Spring Semester		15 Credits
	Free Elective.....	3
CSC 3100	Operating Systems .....	3
MATH 2600	Linear Algebra (AIA).....	3
CSC 3xxx	CSC elective-2 .....	3
	CV elective .....	3

#### General Education: Foundation

- 3 credits Reading and Information Literacy (R and IL): First Year Experience
- 3 credits Writing (W): Writing I
- 3 credits Writing and Information Literacy (W and IL): Writing II
- 3 credits Quantitative Reasoning (QR) (MATH)
- 3 credits World Languages, Speaking and Listening (WS)

#### General Education: Exploration

- 3 credits Civic Learning (CV)
- 3 credits Diverse Perspectives (DP)
- 3 credits Ethical Reasoning (ER)
- 3 credits Fine Arts Expression and Analysis (FA)
- 3 credits Historical Inquiry and Analysis (HI)
- 3 credits Literary Inquiry and Analysis (LI)
- 3 credits Personal Wellness (PW)
- 3 credits Procedural and Logical Thinking (PL)
- 3 credits Scientific Inquiry and Analysis (SI)

#### General Education: Integration

- 9 credits AIA (3 of which must be Integrative High Impact Practice - IHIP)
- OR
- Minor (professional majors completing a minor or second major must include at least 9 credits in LA&S disciplines for that minor)

#### General Education: MAJ

- There may be major courses that have been approved to fulfill up to 3 General Education requirements (at least 9 credits). Varies by major and concentration.

### SOPHMORE YEAR

Fall Semester		17 Credits
SI / LAB	Natural Sciences Course - 2 .....	3or4
CSC 2560	Systems Programming.....	3
MATH 2300	Calculus I.....	4
EXSS xxxx	PW elective.....	3
	FA elective .....	3

Spring Semester		17 Credits
CSC 1650	Digital Electronics.....	4
CSC 3700	Algorithms & Data Structures.....	3
MATH 2400	Calculus II (AIA) .....	4
CSC 3xxx	CSC Elective-1 .....	3
	DP elective.....	3

### SENIOR YEAR

Fall Semester		12 Credits
CSC 3xxx	CSC elective-3 .....	3
CSC 3xxx	CSC elective-4 .....	3
CSC 4100	Ethics and Impacts in CS (ER).....	3
	Free elective .....	3

Spring Semester		11 Credits
CSC 4400	Software Engineering (IHIP) .....	3
CSC 3xxx	CSC elective-5 .....	3
ENGL xxxx	LI elective.....	3
	Free electives (if needed) .....	4-6

Suggested 4-year plan of study. Completion of 120 credits required for graduation.