Computer Science 2014

Major: Computer Science

Degree Type: B.A.
Required Degree Credits to Graduate: 122

General Education Requirements

First Year Experience (F):		
UNIV 189	Skills For Academic Success (Students transferring in 24 or more credits do not need to take UNIV 189.)	1
Communication (C):		
ENGL 110	College Composition I	3
ENGL 120	College Composition II	3
ENGL 321	Writing in the Technical Professions	3
or ENGL 324	Writing in the Sciences	
COMM 110	Fundamentals of Public Speaking	3
Quantitative Reasoning (R):		
MATH 146	Applied Calculus I	4
or MATH 165	Calculus I	
Science & Technology (S):		
CSCI 114	Microcomputer Packages	3

A one-credit lab must be taken as a co-requisite with a general education science/technology course unless the course includes an embedded lab experience equivalent to a one-credit course. Select from current general education list	7
Humanities & Fine Arts (A): Select from current general education list	6
Social & Behavioral Sciences (B): Select from current general education list	6
Wellness (W): Select from current general education list	2
Cultural Diversity (D): Select from current general education list	
Global Perspectives (G): Select from current general education list	
Total Credits	41

College Requirements

Bachelor of Arts (BA) Degree - An additional 12 credits of Humanities and Social Sciences* and proficiency at the second year level in a modern foreign language.

* Humanities and Social Sciences may be fulfilled by any course having the following prefix: ADHM, ANTH, ARCH, ART, CJ, CLAS, COMM, ECON ENGL, FREN, GEOG, GERM, HDFS, HIST, LA, LANG, MUSC, PHIL, POLS, PSYC, RELS, SOC, SPAN, THEA, WGS, or any course from the approved list of general education courses in humanities and social sciences (general education categories A and B). These credits must come from outside the department of the student's major.

Major Requirements

A Grade of 'C' or better is required for all CSCI courses.

General Education Requirements		40
Science and Mathematics College Requirements		12
B.A. Computer Science Core Requirements		
CSCI 159	Computer Science Problem Solving	3
CSCI 160	Computer Science I	4
CSCI 161	Computer Science II	4
CSCI 213	Modern Software Development	3
CSCI 222	Discrete Mathematics	3
CSCI 313	Software Development for Games	3
CSCI 366	Database Systems	3
CSCI 371	Web Scripting Languages	3

CSCI 445	Software Projects Capstone *	3
CSCI 488	Human-Computer Interaction	3
CSCI 489	Social Implications of Computers *	3
Related Courses		
COMM 260	Principles of Internet Web-Based Design	3
COMM 261	Introduction to Web Development	3
STAT 330	Introductory Statistics	3
STAT 331	Regression Analysis	2
Other Courses: Select these seven credits from the following areas:		7
Science (not CSCI)		
Engineering (not ENGR 311 or ENGR 312)		
Math (higher than MATH 147, but not MATH 165)		
Statistics (not STAT 330 or STAT 331)		
B.A. Degree Requirements: Potential of 16 credits to reach 122		16
Total Credits		122

* CSCI 445 Software Projects Capstone & CSCI 489 Social Implications of Computers form the department capstone. CSCI 445 is typically taken during the last spring semester and CSCI 489 is typically taken during the last fall semester prior to degree completion.