

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Stu ID: _____
Name: _____
Major: Computer Science - BS
Minor: _____

Date: _____
Advisor: _____
Catalog: 2018-19
Grad date: _____

Major Courses

10 courses; Minimum 35 credits required; 24 credits must be from SU

CSC54-184	Computer Science I		
CSC54-284	Computer Science II		
CSC54-384	Discrete Mathematics		
CSC54-394	Computer Organization		
CSC54-454	Algorithms		
CSC54-474	Programming Languages		
CSC54-644	Computer Systems		
CSC54-894	Senior Seminar in Software Engineering		
Major Field Test			

Select two additional upper level, approved CSC courses (3-4cr each):

CSC54-XX4			
CSC54-XX4			

University Electives and/or Minor courses:

Required Supporting Courses:

Select one of the following:

BIO50-123/121	Living Systems/Invest. Into Living Systems*		
BIO50-133/131	Molecular and Population Genetics/Invest. Genetics*		

Take the following:

CHE51-103/101	Principles of General Chemistry/Lab		
PHY53-154	Fundamentals of Physics I	E&B	0
MAT52-154	Calculus I	E&B	0
MAT52-254	Calculus II		
MAT52-674	Linear Algebra		

Select one additional course from the following:

MAT52-114	Introduction to Statistics		
PHY53-164	Fundamentals of Physics II		
PHY53-404	Electronics		
CHE51-203/201	Chemical Kinetics & Equilibrium/Lab		
BIO50-123/121	Living Systems/Invest. Into Living Systems (if not taken above)*		
BIO50-133/131	Molecular and Population Genetics/Invest. Genetics (if not taken above)*		
Approved Upper level CSC or MAT course^			

*The same course cannot be used to satisfy more than one area within the required supporting course section.

^ Substitution card must be submitted for approved course; course cannot be double counted in major and required support course sections.

GENERAL EDUCATION REQUIREMENTS

At least 30 total credits required, minimum 3 credits required per course

General Education Part I

First Year/Adv. Entry Seminar:

UST05-014 or UST05-214			
------------------------	--	--	--

Foreign Language (3 sem.):

Social Justice Course (may double count with any requirement):

--	--	--	--

2 different FRAs:

Total Earned Credits:	0
Total Southwestern Credits:	
Total Major Credits:	0
Total Gen Ed Credits:	0

Graduation Requirements:

Minimum of 127 credits: _____
 Cumulative GPA > 2.0 _____
 GPA > 2.0 for Major and/or Areas of Concentration _____
 All grades C- or higher in major/minor/core? _____
 At least 64 credits completed at Southwestern* _____
 No more than 56 credits of any 5 digit prefix** _____
 Major credits completed (min 30 required) _____
 60% of Major courses completed at Southwestern (24cr) _____
 Gen Ed has minimum of 30 credits _____

Minor (optional):

Minimum 18 credits _____
 Minimum 12 upper level credits _____
 Minimum of 12 credits taken at Southwestern _____
 Minimum 2.0 minor courses CGPA _____

Other:

Exploration & Breadth (E&B) - Gen Ed Part II

Six total courses

CSC major and elective courses cannot be used to satisfy Exploration & Breadth requirements.

Select one course from each of the four following areas:

Humanities:

--	--	--	--

Natural Sciences:

MAT52-154	Calculus I		
-----------	------------	--	--

Social Sciences:

--	--	--	--

Fine Arts:

--	--	--	--

Select two additional courses from the four areas listed above. Courses must be from different areas and from different subjects from above courses:

PHY53-154	Fundamentals of Physics I (DVNS)		

*Public Speaking, College Writing and Creative Writing courses may not count in Exploration & Breadth

Notes:

Degree Audit Completed (Due one year before grad date) _____
Grad Application Submitted (Due start of final semester) _____
Approved to be part time in last semester? _____