

**Computing (B.S.)
Concentration in Information Technology- Recommended Four-Year Plan
2018-2019 Catalog Year**

First Year - Fall	Credits	First Year – Spring	Credits
CPSC 130: Intro to Progr & Computing	3	CPSC 146: Intro to Progr Principles	3
Math 120 or Liberal Studies	3	MATH 125‡: Pre-Calculus or LS	3-4
INDS 101: FYRST	1	Liberal Studies	9
Liberal Studies	9		
Total credits:	15-16	Total credits:	15-16
Second Year – Fall	Credits	Second Year – Spring	Credits
CPSC 207: UNIX Scripting	3	CPSC 323: Database Systems	3
CPSC 217: Struct & Dynamic Web Progr	3	IT Elective	3
Stat 152: Statistics	3	ART 114: Basic Studio Dig Med	3
Liberal Studies	6	Liberal Studies	6
Total credits:	15	Total credits:	15
Third Year – Fall	Credits	Third Year – Spring	Credits
CPSC 311: Discrete Comp Structures	3	CPSC 327: Sys Admin & Security	3
CPSC 300: Challenges of Comp Techn*	3	ART 214 MGMT 351 MRKT 330	3
CPSC 317: Scripting Languages	3	Liberal Studies	9
IT Elective	3		
Liberal Studies	3		
Total credits:	15	Total credits:	15
Fourth Year - Fall	Credits	Fourth Year – Spring	Credits
CPSC 423: Networking	3	CPSC 427: Interface Design	3
CPSC 337: Web Graphics	3	Free Electives	12
ART 314 Management 3/4xx MRKT 3/4xx	9		
Free Electives**			
Total credits:	15	Total credits:	15
TOTAL PROGRAM CREDITS:			120-122

* Does not count toward Liberal Studies "Challenges of the Modern Age" block.

** Liberal Studies is 45-46 sh. (Another LS course may be needed here.)

*** Jr. or Sr. Computing major with 3.0 GPA. Application required

‡ This liberal studies course is not otherwise listed as a requirement.

Elective Courses (6 credits)

CPSC	F	215: Cross Platform Mobile App Dev	3
CPSC	S	236: Selected Computer Languages	3
CPSC		246: Advance Programming Principles	3
CPSC	F	301: Practical Computer Security	3
CPSC	F	315: Computer Gadget Project	3
CPSC	S	333: Intro to Computer Forensics	3
CPSC	F	405: Data Mining and Data Analysis	3
CPSC	Sum	406: Data Visualization	3
CPSC	S	417: Advanced Web Technologies	3
MIS	S	443: Software Project Management	3
CPSC		450: Internship	

Cross-Listed courses: MIS 300, MIS 301, MIS 323, MIS 333

This document is meant to serve as a guide. Consult with your academic advisor prior to registering. This plan should be reviewed, and verified, by you and your academic advisor at least once each academic year.

**Major Code: 6420
Concentration Code: 643C
Revised date: 08/2018**