

# Computing (B.S.) Concentration in Information Technology

Recommended Four-Year Plan - Slippery Rock University

Semester 1	Credits	Semester 2	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	<i>Liberal Studies</i>	9
<i>Liberal Studies</i>	9		
Total credits:	15-16	Total credits:	15-16
Semester 3	Credits	Semester 4	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
<i>Liberal Studies</i>	6	<i>Liberal Studies</i>	6
Total credits:	15	Total Credits:	15
Semester 5	Credits	Semester 6	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	<i>Liberal Studies</i>	9
IT Elective	3		
<i>Liberal Studies</i>	3		
Total credits:	15	Total credits:	15
Semester 7	Credits	Semester 8	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
		<b>Total Program Credits:</b>	<b>120-122</b>

\* 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