

## Bachelor of Science in Software Development Curriculum Map

### First Year - Fall Semester

IT 1010	Intro to Information Technology	3
IT 1100	Foundations of Hardware	3
AC 1030	Communication Technology*	3
WRIT 1400	Reading, Writing, Research I	3
GEN 1001	Curry Launch	1
GEN 1000 or Quantitative Literacy	First Year Inquiry or Quantitative Literacy	3
		3
	<b>Total credits for Fall</b>	<b>16</b>

### First Year - Spring Semester

IT 2100	Programming Logic	3
AC 2768	HTML and Design	3
WRIT 1500	Reading, Writing, Research II	3
GE	Breadth (Quantitative Reasoning/Science)	4
GEN 1000 or Quantitative Literacy	First Year Inquiry or Quantitative Literacy	3
		3
	<b>Total Credits for Spring</b>	<b>16</b>

### Second Year Fall Semester

IT 2210	Networking	4
IT 2789	Programming and Problem Solving	4
AC 2020	Database Concepts	3
GE	Breadth	3
GE	Breadth	3
		3
	<b>Total Credits for Fall</b>	<b>17</b>

### Second Year - Spring Semester

IT 2300	Operating Systems	4
IT 3500	Object Oriented Programming	4
GE	Breadth	3
GE	Diversity	3
EXP 2340	Intro to Experiential Learning	3
		3
	<b>Total Credits for Spring</b>	<b>17</b>

### Third Year - Fall Semester

IT 3550	Data Structures and Algorithms I	3
IT 3750	User Experience Design	3
IT 3805	Technology Seminar	3
GE	International/Global	3
GE	Breadth	3
		3
	<b>Total Credits for Fall</b>	<b>15</b>

# Software Development

## Third Year - Spring Semester

IT 3560	Data Structures and Algorithms II	3
IT 3730	Writing Secure Applications	3
GEN 3001	Junior Year Inquiry & Integration	3
GE	Diversity or International/Global**	3
Elective	General Elective/course in minor	3
<b>Total Credits for Spring</b>		<b>15</b>

## Fourth Year - Fall Semester

IT 3450	Internship and Seminar***	3
IT 3720	Modern Application Development	3
IT 3740	Cloud Computing	3
Elective	General Elective/course in minor	3
<b>Total Credits for Fall</b>		<b>12</b>

## Fourth Year - Spring Semester

IT 3900	Senior Seminar: This is IT! ***	3
IT 3570	Software Engineering	3
Elective	General Elective/course in minor	3
Elective	General Elective/course in minor	3
<b>Total Credits for Spring</b>		<b>12</b>

**TOTAL CREDITS FOR MAJOR 120**

### Legend

\* General Education Communication

\*\*General Education Global, IT 3800 Current Topics in Technology recommended

\*\*\* General Education Active Learning