

## Bachelor of Science- Web & Information Systems - 129 Credits

		Fall Semester		Spring Semester		
<b>Freshman</b>	CS 100	Roadmap to Computing	3	CS 113	Introduction to Computer Science	3
	Math 111/138	Calculus I/General Calculus I	3	IS 265	Introduction to Information Systems	3
	HUM 101	English Composition: Writing, Speaking, Thinking I	3	HUM 102	English Composition: Writing, Speaking, Thinking II	3
	Science I		3	Science II		3
	IS 117	Introduction Website Development	3	Science II Lab		1
	CS 107	Computing as a Career	1	Social Science I		3
	<i>Credits:</i>			<b>16</b>	<i>Credits:</i>	
<b>Sophomore</b>	Math 105	Elementary Probability & Statistics	3	IS 247	Designing the User Experience	3
	IS 217	Advanced Website Development	3	IS 344	Computing Applications in Business	3
	IT 310	E-Commerce Technology	3	Social Science II		3
	IS 350	Computers, Society & Ethics	3	HUM 211/212/HIST 213	The Pre-Modern World/The Modern World/The Twentieth-Century World	3
	General Elective 1		3	General Elective 2		3
	Physical Education I		1	CS 207	Computing & Effective Communication	1
	<i>Credits:</i>			<b>16</b>	<i>Credits:</i>	
<b>Junior</b>	IS 218	Building Web Applications	3	IS 322	Mobile Applications: Design Interface, Implementation	3
	IS 331	Database Design Management & Applications	3	IS 333	Social Networking: Application & Interface Design	3
	IS 390	Requirements Analysis & Systems Design	3	IS 375	Evaluating the User Experience	3
	ENG 340/352	Oral Presentations/Technical Writing	3	IS 392	Web Mining & Information Retrieval	3
	General Elective 3		3	General Elective 5		3
	General Elective 4		3	Physical Education II		1
	<i>Credits:</i>			<b>18</b>	<i>Credits:</i>	
<b>Senior</b>	IS 373	Web Standards	3	IS 455	Information Systems Management	3
	CS 356	Introduction to Computer Networks	3	IS 465	Advanced Information Systems	3
	IS 421	Advanced Web Applications	3	IS 491	Senior Project	3
	IE 492	Engineering Management	3	HSS Capstone		3
	Upper LIT/PHIL/HIST/STS		3	General Elective 6		3
				CS 407	Professional Development in Computing	1
	<i>Credits:</i>			<b>15</b>	<i>Credits:</i>	