

University of Newcastle				University of Wisconsin-Platteville			Approved	
Course Number	Course Title	Units	Course Number	Course Title	Credits	YES	NO	
SENG 1110	Introduction to Software Engineering 1	10	CS 1430	Programming in C++	3	X		
SENG 1120	Introduction to Software Engineering 2	10	CS/SE 2430	Object-Oriented Programming and Data Structures I	3	X		
SENG 2050	Introduction to Web Engineering	10		CS Elective	3	X		
SENG 2110	Software Analysis and Verification	10		CS Elective	3	X		
SENG 2130	Software Development	10	SE 2730	Introduction to Software Engineering	3	X		
SENG 3100	Advanced Software Process	10						
SENG 3300	User Interface Design	10	SE 3330	Intermediate Software Engineering	3	X		
<i>SENG 3120</i>	<i>Object Oriented Software Engineering</i>	<i>10</i>					X	
SENG 3280	Computer Networks	10						
SENG 3400	Network and Distributed Computing	10	CS 3830	Data Communications and Computer Networks	3	X		
<i>SENG 4420</i>	<i>Software Architecture</i>	<i>10</i>					X	

SENG SOFTWARE ENGINEERING

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Course Number	Course Title	Units	Course Number	Course Title	Credits	YES	NO	
COMP 3250	Database Systems	10	CS 3630	Database Design and Implementation	3	X		
COMP 3260	Data Security	10		CS Elective	3	X		
COMP 3290	Compiler Design	10		CS Elective	3	X		
COMP 3320	Computer Graphics	10	CS 3920	Computer Graphics	3	X		
COMP 3330	Machine Intelligence	10		CS Elective	3	X		
<i>INFT 1001</i>	<i>Foundations of Information Technology 1</i>	<i>10</i>					X	
<i>INFT 1004</i>	<i>Visual Programming</i>	<i>10</i>					X	
<i>INFT 1201</i>	<i>Digital Technologies for Media and Entertainment</i>	<i>10</i>					X	
INFT 2008	Information Systems Programming	10	CS 2340	Programming in Visual Basic	3	X		
<i>INFT 2009</i>	<i>Systems and Software Development</i>	<i>10</i>					X	
<i>INFT 2012</i>	<i>Applications Programming</i>	<i>10</i>					X	
<i>INFT 2031</i>	<i>Systems & Network Administration</i>	<i>10</i>					X	
INFT 2040	Database Management Systems	10	CS 3630	Database Design and Implementation	3	X		
INFT 3007	The Information Resource	10		CS Elective	3	X		
INFT 3009	Web Database Interfacing	10	CS 3870	Web Protocols, Technologies, and Applications	3	X		
<i>INFT 3201</i>	<i>Multimedia Transmission, Storage and Management</i>	<i>10</i>					X	
<i>INFT 3301</i>	<i>New Technology in Media Production and Delivery</i>	<i>10</i>					X	
INFT 3302	Multimedia and Animation	10		CS Elective	3	X		
INFT 3920	Contemporary Issues in Information Technology	10					X	

COMPUTER SCIENCE