

BS IS Alignment Matrix – For each stated student learning outcome, where does the student have the opportunity to learn the outcome and where is student achievement of the outcome is assessed?

SLO/Required Courses/experiences	CIS 200	CIS 300	CIS 301	CIS 308	CIS 415	CIS 450	CIS 501
Degree program Slo's							
(a) An ability to apply knowledge of computing and mathematics appropriate to the discipline			X			X	
(b) An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution	X	X		X			X
(c) An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs							X
(d) An ability to function effectively on teams to accomplish a common goal							X
(e) An understanding of professional, ethical, legal, security and social issues and responsibilities					XA	X	
(f) An ability to communicate effectively with a range of audiences					XA		
(g) An ability to analyze the local and global impact of computing on individuals, organizations, and society					XA		
(h) Recognition of the need for and an ability to engage in continuing professional development,					X		
(i) An ability to use current techniques, skills, and tools necessary for computing practice	X	X	X	X		X	X
(j) An understanding of processes that support the delivery and management of information systems within a specific application environment. [IS]		X					X
University Slo's							
Knowledge	X	X	X	X	X	X	X
Critical thinking	X	X	X	X	X	X	X
Communication					X		
Diversity					X		
Academic and professional integrity					X	X	

Place an “X” for courses or experiences in which students have the opportunity to learn the outcome.

Place an “A” for courses or experiences in which student performance is used for program level assessment of the outcome.

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SLO/Required Courses/experiences	CIS 525	CIS 543	CIS 562	CIS 597			
Degree program Slo's							
(a) An ability to apply knowledge of computing and mathematics appropriate to the discipline	XA	X	XA	X			
(b) An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution	X	XA	X	XA			
(c) An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs	X	X		XA			
(d) An ability to function effectively on teams to accomplish a common goal		XA	XA	X			
(e) An understanding of professional, ethical, legal, security and social issues and responsibilities	XA						
(f) An ability to communicate effectively with a range of audiences		XA		XA			
(g) An ability to analyze the local and global impact of computing on individuals, organizations, and society							
(h) Recognition of the need for and an ability to engage in continuing professional development,		XA					
(i) An ability to use current techniques, skills, and tools necessary for computing practice	X	XA	X	XA			
(j) An understanding of processes that support the delivery and management of information systems within a specific application environment. [IS]			XA	XA			
University Slo's							
Knowledge	X	X	X	X			
Critical thinking	X	X		X			
Communication		X		X			
Diversity							
Academic and professional integrity							

Place an "X" for courses or experiences in which students have the opportunity to learn the outcome.

Place an "A" for courses or experiences in which student performance is used for program level assessment of the outcome.