

***** Coding of Options for Teaching Methods *****

- Tmd1 Lecture;
- Tmd2 Discussions / exercises / activities (e.g. think-pair-share);
- Tmd3 In-lab or assignment activities (active, hands-on, or experiential learning opportunities);
- Tmd4 Community engaged design or development;
- Tmd5 E-portfolios;
- Tmd6 Guest lectures;
- Tmd7 Clicker questions / responses;
- Tmd8 Multimedia presentations (e.g. video, film, YouTube);
- Tmd9 Assigned readings;
- Tmd10 Reflective writing / journaling;
- Tmd11 Research Projects (proposals, literature reviews, data collection & analysis, reports);
- Tmd12 Self-assessment (student compares own progress toward intended learning goal);
- Tmd13 Workshop sessions (e.g. writing, peer-review, time management sessions);

***** Coding of Options for Assessment Methods *****

- Amd1 Exam or quiz;
- Amd2 Lab exam or quiz with hands-on components;
- Amd3 Assignment> Written> Literature review;
- Amd4 Assignment> Written> Research proposal;
- Amd5 Assignment> Written> Case study analysis;
- Amd6 Assignment> Written> Laboratory project / report;
- Amd7 Assignment> Written> Media / content analysis;
- Amd8 Assignment> Written> Reflective writing / journaling;
- Amd9 Assignment> Problem solving> Questions and answers;
- Amd10 Assignment> Problem solving> Design and/or implementation;
- Amd11 Learning portfolio (e.g. ePortfolio, LinkedIn account);
- Amd12 Oral exam;
- Amd13 Oral presentation (excluding poster);
- Amd14 Poster presentation;
- Amd15 Multimedia presentation (e.g. creating video, podcast);
- Amd16 Participation / Engagement> Discussion;
- Amd17 Participation / Engagement> Peer evaluation;
- Amd18 Participation / Engagement> Self-assessment;
- Amd19 Practicum;
- Amd20 Community engagement;

Curriculum Mapping for BComp CS Major (May 2021)

	Problem Solving			Creativity			Dep-Breadth Underst		
	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv
CIS*1300	1,2,3	1,2,10	I	1,2,3	1,2,10	I			
CIS*1910									
CIS*2030	1,3,9	1,2,6,7,10,13,17	R	1,3,9	1,2,6,7,10,13,17	R	1,3,9	1,2,6,7,10,17	R
CIS*2430	1,2,3,7	1,2,9,10	I	1,2,3,7,12	2,10	I		1,2,10	I
CIS*2500	1,2,3	1,2,10	I						
CIS*2520	1,2,3,9	1,2,9,10,18	R				1,2,3,9	1,2,9,10,18	R
CIS*2750	1,7,9	1,10	M				1,7,9	1,10	M
CIS*2910	1,2,3,9	1,9,10	I				1,2,3,9	1,9,10	I
CIS*3110	1,2,3	1,2,6,9	M	1,2,3	2,9	R			
CIS*3150	1,2,3,7,9	2,9,16	R	1,2,3			1,2,3,7,9	1,9,16	M
CIS*3490	1,2,3	1,2,9,10	I	1,2,3	1,9,10	I			
CIS*3750	1,2,3,4,6,9	1,9,10,13,15,16,20	R	1,2,3,4,6,10	6,8,10,13,16,20	M	1,2,3,4,6,9	6,10,13,16,20	I
CIS*3760	1,3,9	1,9,10,17,18	M	1,2,3,8,9	1,10,13,17,18	R			
CIS*4650	1,2,3	1,10,13	M						

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Curriculum Mapping for BComp CS Major (May 2021)

	Global Understand			Civic Knowl & Engag			Oral Communication			Written Commu		
	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv
CIS*1300												
CIS*1910												
CIS*2030										3	1,6,7,10,13,17	R
CIS*2430										3	1,2,10,17	I
CIS*2500	1	1	I									
CIS*2520	1	1	I									
CIS*2750	1	1	I									
CIS*2910												
CIS*3110				1,2,3								
CIS*3150												
CIS*3490												
CIS*3750	1,3	1,4,10	R	1,2,3,4,6,9,10	6,10,13,16,20	R	2,3,4,8	8,10,13,16,20	R	1,2,3,4,9	1,6,13,16,20	R
CIS*3760	1,3	1,4,10	M	1,3,9						3,9	10,17,18	M
CIS*4650										2,3	10	R

	Reading Comprehens			Integrative Commu			Ethical Reasoning			Leadership		
	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv
CIS*1300	2,3	2,10	I				1,3	10	I			
CIS*1910				1,3,7,9	1,9	I						
CIS*2030	3,10	1,2,6,7,17	R									
CIS*2430	1,2,3,9	1,2,10,17	R				1,2,7					
CIS*2500												
CIS*2520	1,2,3,9	1,2,9,10,18	M									
CIS*2750		10	R									
CIS*2910												
CIS*3110				2,3	2,9	R						
CIS*3150												
CIS*3490												
CIS*3750	1,2,3,4,6	1,6,9,10,20	R	2,3,4								
CIS*3760	3,9	10,17,18	R	1,3,9	1,10,13,15,17,18	M				1,3,9	1,10,17,18	R
CIS*4650	2,3,9	10,13	R							2,3	10,16	I

BComp SENG

	Inquiry & Analysis			Problem Solving			Dep-Breadth Underst			Information Lit		
	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv
CIS*1250	1,3,9	1,2,10	I	1,3,9	1,2,10	I				1,3	2,10	I
CIS*1300				1,2,3	1,2,10	I						
CIS*1910				1,3,7,9	1,9	I						
CIS*2030				1,3,9	1,2,6,9,13,18	R	1,3,9	1,2,6,9,13,18	R			
CIS*2250	1,2,3,9,10,11,12,13	1,6	I	2,3,9,10,11,12,13	6,16	I		6,16,17,18	I	1,2,12,13		
CIS*2430	1,2,3,7	1,2,10	I	1,2,3,7	1,2,10	I				1,2,3,7	1,2,10	R
CIS*2500	1,2,3	1,2,10	I	1,2,3	1,2,10	I						
CIS*2520	1,2,3,9,12	1,2,9,10,18	M	1,2,3,9,12	1,2,9,10,18	M	1,2,3,9,12	1,2,9,10,18	R	1,2,3,9,12	1,2,9,10,18	R
CIS*2750	1,7	1,10	R									
CIS*3110	1,2,3	1,2,9	R	1,2,3	1,2,9	M	1,2,3					
CIS*3250	1,2,3,11	1,2,4,6,9,10	R	1,2,3,11	4,9,10	R	1,2,3,11	4,6,10	R	1,2,3,11	4,10	R
CIS*3260		1,6,9,10,13,17	M	1,3,9,13	1,6,9,10,13,17	M	1,2,3,9,13	1,9,13	R	1,2,3,13	1,6,10,13	M
CIS*3490	1,2,3	1,9,10	I	1,2,3	1,9,10	I						
CIS*3750	1,2,3,4	1,6,9,10,13,15	R	1,2,3,4,9	1,8,9,10	R	1,2,3,9	2,10,13,20	R	2,3,4,6,10	6,9,13,16,20	M
CIS*3760	1,2,3,8,9	1,10,13,17,18	M	1,2,3,8,9	1,10,13,17,18	M	1,2,3,8,9	1	R			
CIS*4150	1,9	1,9,10	M	1,3	1,9,10	M	1	1,9,10	R	1	1	M
CIS*4250	2,3,12	5,8,9,10,16	M	2,3,12	5,8,9,10,16	M	2,3,12	5,8,9,10,16	M	2,3,12	5,8,9,10,16	M
CIS*4300	1,2,3,11	1,4,7,9,10,16	M	1,2,3,11	4,10	M	1,2,3,11	4,10,13	M		4,9,10	M

BComp SENG

	Quantitative Lit				Techno Lit				Visual Lit				Global Understan			
	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	
CIS*1250													1			
CIS*1300																
CIS*1910																
CIS*2030	1,3,9	1,2,6,9,13,18	R													
CIS*2250	1,2,9,10			1,2,10	6,16,17,18	R							1,2,9,11,13	5,16,17,18	I	
CIS*2430				1,2,3,7	1,2,10,17	I										
CIS*2500													1	1	I	
CIS*2520	1,2,3,9,12	1,2,9,10,18	R	1,2,3,9,12	1,2,9,10,18	R	1,2,3,9,12						1	1	I	
CIS*2750													1	1	I	
CIS*3110	1,2,3	2	M													
CIS*3250				2,3,11	10	R	3,11	1,3,10	R							
CIS*3260				1,3,9,13	6,10,13	M	1,2,3,13	1,6,10,13,17	M							
CIS*3490																
CIS*3750	1,2,9	1,6,9	I	1,2,3,9	2,10,13,20	R	1,2,3,9	2,6,9,10	I	1,3	1,4,10	R				
CIS*3760	1,2,3,8,9	1,10,13,17,18	R	1,2,3,8,9	1,10,13,15,17,18	R	1,3,8,9	1,10,13,17,18	R	1,3	1,4,10	M				
CIS*4150	1,3	1,9,10	M	1	1	R	1,3	1,9,10	M							
CIS*4250	2,3,12			2,3,12	5,8,9,10,16	M	2,3,12	5,8,9,10,16	R							
CIS*4300				1,2,3,11	4,10,13	M	1,2,3,11	4,9,10,13	M	1,2,3,11	4,9,10,13	R				

Red: amendment by Undergrad Curriculum Cmt

BComp SENG

	Historic Dev			Civic Knowl & Engag			Intcul Knowl & Compe			Oral Communication			Written Communicatn		
	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv
CIS*1250										1,3,9	2,9,10	I	1,3	2,6,10	I
CIS*1300															
CIS*1910															
CIS*2030		1	R										1,3,9	2,6,9,17	R
CIS*2250				1,2,3,9,10	5,16,17,18	R	3,12,13	1,16,17,18	R				11,12	6	I
CIS*2430															
CIS*2500															
CIS*2520															
CIS*2750															
CIS*3110	1,2,3	1,2,9	R	1,2,3	1,9	I									
CIS*3250										2,3,11	4,5,10	R	11	4,10	R
CIS*3260													1,3,13	1,6	M
CIS*3490															
CIS*3750							3,4,6,9,10	13,20	R	2,3,4,6,10	13,15,20	R	1,2,3,9	1,6,8,9,10,20	R
CIS*3760	1,2,9	1	R					1,10,17,18	R	1,2,9			1,3,9	1,10,13,17,18	M
CIS*4150				1	1	R							1	1,10	R
CIS*4250	2,3,12	5,8,9,10,16	R							2,3,12	9,16	R	2,3,12	5,8,10	M
CIS*4300		4,9,10	R							1,2,3,11			1,2,3,11	4,9,10	M

BComp SENG

	Integrative Commu			Teamwork			Ethical Reasoning			Leadership		
	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv
CIS*1250				1,3								
CIS*1300							1,3	10	I			
CIS*1910												
CIS*2030												
CIS*2250	11			2,3,9,12,13	6,13,16,17,18	R	2,9,10,11,12,13	1,5,16,17,18	R	3,12,13	6,16,17,18	R
CIS*2430												
CIS*2500												
CIS*2520												
CIS*2750												
CIS*3110												
CIS*3250				2,3,11	4,10,17,18	R	1	1	R			
CIS*3260				3,12	17	M				3,12	17	R
CIS*3490												
CIS*3750	2,3,4	6,13,15,20	R	1,2,3,4,10	6,13,15	R				1,2,3,4,9	1,6,13,15,20	R
CIS*3760	1,2,3,9	1,10,13,17,18	R	1,2,3,9	1,10,13,17,18	M				1,2,3,8,9	1,10,17,18	R
CIS*4150												
CIS*4250				2,3,12	8,9,10,16	R				2,3,12	8,9,10,16	R
CIS*4300							1,2,3,11	4,9,10,13	M		4,9,10,13	M

Curriculum Mapping for BComp General Program (May 2021)

	Inquiry & Analysis			Problem Solving			Creativity			Dep-Breadth Underst			Information Lit		
	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv
CIS*1050	3,9,10	5,8,10,17	R	3,9,10	5,6,8,10,17	R									
CIS*1300				1,2,3	1,2,10	I	1,2,3	1,2,10	I						
CIS*1910															
CIS*2170							1,2,3,8,9	1,5,6,13	I						
CIS*2430	1,2,3,7			1,2,3,7	1,2,10	I	1,2,3,7	1,2,10	I				1,2,3,7	1,2,10	R
CIS*2500				1,2,3	1,2,10	I									
CIS*2520	1,2,3,9,12	1,2,9,10,18	M	1,2,3,9,12	1,2,10,18	M	1,2,3,9,12	1,2,10,18	M	1,2,3,9,12	1,2,10,18	M	1,2,3,9,12	1,2,10,18	M
CIS*3530	1,2,3	1,10	I	1,2,3	10	I									

	Quantitative Lit			Techno Lit			Visual Lit			Global Understan			Historic Dev		
	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv
CIS*1050										1					
CIS*1300													1		
CIS*1910	1,3,7,9	1,9	I												
CIS*2170							1,2,3,8,9	1,5,6,13	R	1	1	I			
CIS*2430				1,2,3,7	1,2,10,17	I									
CIS*2500										1	1	I	1	1	I
CIS*2520	1,2,3,9,12	1,2,10,18	R	1,2,3,9,12	1,2,10,18	R				1	1	I	1	1	I
CIS*3530										1			1	1	R

Curriculum Mapping for BComp General Program (May 2021)

	Civic Knowl & Engag			Intercul Competence			Oral Commu			Written Commu			Reading Comprehn		
	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv	Teach	Assess	Lv
CIS*1050	3,9,10						3			3,9,10	5,6,7,10,17	R	3,9	7,8	R
CIS*1300													3	2,10	I
CIS*1910															
CIS*2170															
CIS*2430															
CIS*2500				1											
CIS*2520				1									1,2,3,9,12	1,2,10,18	M
CIS*3530				1									1,2,3	1,10	I

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Curriculum Mapping for BComp SENG Major Capstone CIS*4250 (May 2021)

PLO 1	Inquiry and Analysis	
	Teaching methods	
	In-lab or assignment activities (active; hands-on; or experiential learning opportunities)	
	Community engaged design or development	
	Workshop sessions (e.g. writing; peer-review; time management sessions)	
	Assessment methods	
	Assignment> Written> Case study analysis	
	Assignment> Written> Reflective writing / journaling	
	Assignment> Problem solving> Questions and answers	
	Assignment> Problem solving> Design and/or implementation	
	Participation / Engagement> Discussion	
	Assessment level	Master
PLO 2	Problem Solving	
	Teaching methods	
	In-lab or assignment activities (active; hands-on; or experiential learning opportunities)	
	Community engaged design or development	
	Workshop sessions (e.g. writing; peer-review; time management sessions)	
	Assessment methods	
	Assignment> Written> Case study analysis	
	Assignment> Written> Reflective writing / journaling	
	Assignment> Problem solving> Questions and answers	
	Assignment> Problem solving> Design and/or implementation	
	Participation / Engagement> Discussion	
	Assessment level	Master
PLO 3	Depth & Breadth of Understanding	
	Teaching methods	
	In-lab or assignment activities (active; hands-on; or experiential learning opportunities)	
	Community engaged design or development	
	Workshop sessions (e.g. writing; peer-review; time management sessions)	
	Assessment methods	
	Assignment> Written> Case study analysis	
	Assignment> Written> Reflective writing / journaling	
	Assignment> Problem solving> Questions and answers	
	Assignment> Problem solving> Design and/or implementation	
	Participation / Engagement> Discussion	
	Assessment level	Master

PLO 4	Information Literacy	
	Teaching methods	
		In-lab or assignment activities (active; hands-on; or experiential learning opportunities)
		Community engaged design or development
		Workshop sessions (e.g. writing; peer-review; time management sessions)
	Assessment methods	
		Assignment> Written> Case study analysis
		Assignment> Written> Reflective writing / journaling
		Assignment> Problem solving> Questions and answers
		Assignment> Problem solving> Design and/or implementation
		Participation / Engagement> Discussion
	Assessment level	Master
PLO 5	Quantitative Literacy	
	Teaching methods	
		In-lab or assignment activities (active; hands-on; or experiential learning opportunities)
		Community engaged design or development
		Workshop sessions (e.g. writing; peer-review; time management sessions)
	Not assessed	
PLO 6	Technological Literacy	
	Teaching methods	
		In-lab or assignment activities (active; hands-on; or experiential learning opportunities)
		Community engaged design or development
		Workshop sessions (e.g. writing; peer-review; time management sessions)
	Assessment methods	
		Assignment> Written> Case study analysis
		Assignment> Written> Reflective writing / journaling
		Assignment> Problem solving> Questions and answers
		Assignment> Problem solving> Design and/or implementation
		Participation / Engagement> Discussion
	Assessment level	Master
PLO 7	Visual Literacy	
	Teaching methods	
		In-lab or assignment activities (active; hands-on; or experiential learning opportunities)
		Community engaged design or development
		Workshop sessions (e.g. writing; peer-review; time management sessions)
	Assessment methods	
		Assignment> Written> Case study analysis
		Assignment> Written> Reflective writing / journaling
		Assignment> Problem solving> Questions and answers
		Assignment> Problem solving> Design and/or implementation
		Participation / Engagement> Discussion
	Assessment level	Reinforce
PLO 8	Global Understanding	
	Not taught	
	Not assessed	

PLO 9	Sense of Historical Development		
		Teaching methods	
			In-lab or assignment activities (active; hands-on; or experiential learning opportunities)
			Community engaged design or development
			Workshop sessions (e.g. writing; peer-review; time management sessions)
		Assessment methods	
			Assignment> Written> Case study analysis
			Assignment> Written> Reflective writing / journaling
			Assignment> Problem solving> Questions and answers
			Assignment> Problem solving> Design and/or implementation
			Participation / Engagement> Discussion
		Assessment level	Reinforce
PLO 10	Civic Knowledge and Engagement		
		Not taught	
		Not assessed	
PLO 11	Intercultural Knowledge and Competence		
		Not taught	
		Not assessed	
PLO 12	Oral Communication		
		Teaching methods	
			In-lab or assignment activities (active; hands-on; or experiential learning opportunities)
			Community engaged design or development
			Workshop sessions (e.g. writing; peer-review; time management sessions)
		Assessment methods	
			Assignment> Problem solving> Questions and answers
			Participation / Engagement> Discussion
		Assessment level	Reinforce
PLO 13	Written Communication		
		Teaching methods	
			In-lab or assignment activities (active; hands-on; or experiential learning opportunities)
			Community engaged design or development
			Workshop sessions (e.g. writing; peer-review; time management sessions)
		Assessment methods	
			Assignment> Written> Case study analysis
			Assignment> Written> Reflective writing / journaling
			Assignment> Problem solving> Design and/or implementation
		Assessment level	Master
PLO 14	Integrative Communication		
		Not taught	
		Not assessed	

PLO 15	Teamwork		
		Teaching methods	
			In-lab or assignment activities (active; hands-on; or experiential learning opportunities)
			Community engaged design or development
			Workshop sessions (e.g. writing; peer-review; time management sessions)
		Assessment methods	
			Assignment> Written> Reflective writing / journaling
			Assignment> Problem solving> Questions and answers
			Assignment> Problem solving> Design and/or implementation
			Participation / Engagement> Discussion
		Assessment level	Reinforce
PLO 16	Ethical Reasoning		
		Not taught	
		Not assessed	
PLO 17	Leadership		
		Teaching methods	
			In-lab or assignment activities (active; hands-on; or experiential learning opportunities)
			Community engaged design or development
			Workshop sessions (e.g. writing; peer-review; time management sessions)
		Assessment methods	
			Assignment> Written> Reflective writing / journaling
			Assignment> Problem solving> Questions and answers
			Assignment> Problem solving> Design and/or implementation
			Participation / Engagement> Discussion
		Assessment level	Reinforce