

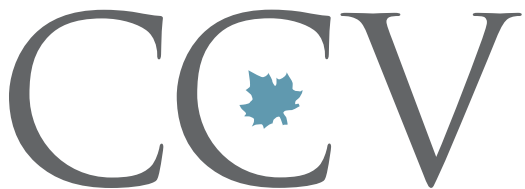
INFORMATION TECHNOLOGY A.S.

This is a suggested, full-time pathway. Not all courses are available in each semester. Students will develop a sequence of courses that best meets their needs in consultation with advisors and using the planning tools available.

SEMESTER MAP: CLOUD COMPUTING FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Concepts of Local Area Networks*	HUM-2010 Seminar in Educational Inquiry*
	ENG-1061 English Composition	<i>Social Science</i>	CIS-2230 System Administration*	<i>Humanistic Perspectives</i>
	<i>Mathematics</i>	<i>Arts & Aesthetics</i>	CIS-2245 Concepts of Computer Security*	CIS-2360 Computer User Support*
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems*	CIS-2150 Introduction to Linux*	CIS-2350 Cloud Infrastructure and Services*
	CIS-1450 Foundations of Cloud Computing*	<i>Natural Science</i>	<i>Elective</i>	CIS-2460 Cloud Computing Capstone*
Semester Credits	15 credits	16 credits	16 credits	15 credits
Cumulative Credits	15 credits	31 credits	47 credits	60 credits

*Course has prerequisite that can be completed concurrently as outlined in semester map. Please consult catalog for more information. Elective and general education choice courses are italicized.



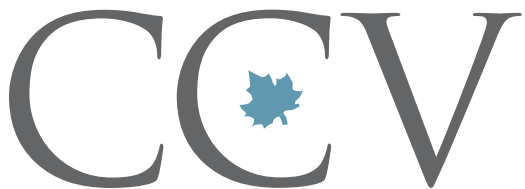
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SEMESTER MAP: NETWORKING FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Concepts of Local Area Networks*	HUM-2010 Seminar in Educational Inquiry*
	ENG-1061 English Composition	<i>Social Science</i>	CIS-2230 System Administration*	<i>Humanistic Perspectives</i>
	<i>Mathematics</i>	<i>Arts & Aesthetics</i>	CIS-2245 Concepts of Computer Security*	CIS-2360 Computer User Support*
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems*	<i>Elective</i>	CIS-2235 Advanced System Administration*
	CIS-2150 Introduction to Linux	<i>Natural Science</i>	<i>Elective</i>	
Semester Credits	15 credits	16 credits	16 credits	13 credits
Cumulative Credits	15 credits	31 credits	47 credits	60 credits

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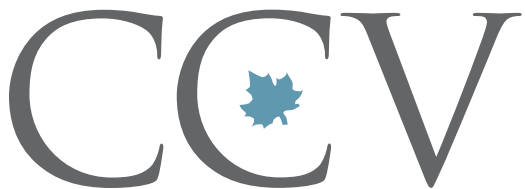
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SEMESTER MAP: PROGRAMMING FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Concepts of Local Area Networks*	HUM-2010 Seminar in Educational Inquiry*
	ENG-1061 English Composition	<i>Social Science</i>	CIS-2230 System Administration*	<i>Humanistic Perspectives</i>
	<i>Mathematics</i>	<i>Arts & Aesthetics</i>	CIS-2245 Concepts of Computer Security*	CIS-2360 Computer User Support*
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems*	<i>Elective</i>	CIS-2032 C/C++ Programming II* or CIS-2262 Introduction to Java II* or CIS-2212 Python Programming II*
	CIS-2031 C/C++ Programming I or CIS-2261 Introduction to Java I or CIS-2210 Python Programming	<i>Natural Science</i>	<i>Elective</i>	<i>Elective</i>
Semester Credits	15-16 credits	16 credits	16 credits	12-13 credits
Cumulative Credits	15-16 credits	31-32 credits	47-48 credits	60 credits

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SEMESTER MAP: WEB DEVELOPMENT FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Concepts of Local Area Networks*	HUM-2010 Seminar in Educational Inquiry*
	ENG-1061 English Composition	<i>Social Science</i>	CIS-2230 System Administration*	<i>Humanistic Perspectives</i>
	<i>Mathematics</i>	<i>Arts & Aesthetics</i>	CIS-2245 Concepts of Computer Security*	CIS-2360 Computer User Support*
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems*	<i>Elective</i>	CIS-1152 Advanced Web Development*
	CIS-1151 Web Development	ENG-2135 Technical Writing & Research*	<i>Elective</i>	<i>Elective</i>
Semester Credits	15 credits	16 credits	16 credits	13 credits
Cumulative Credits	15 credits	31 credits	47 credits	60 credits

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