

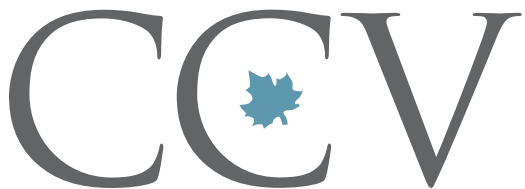
INFORMATION TECHNOLOGY A.S.

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 Network & Security Foundations*	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>	CIS-2210 Python Programming or CIS-1145 Programming I	CIS-2245 Concepts of Computer Security*	<i>Communication</i>
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems	CIS-2350 Cloud Infrastructure & Services*	<i>Art & Aesthetics</i>
	CIS-1450 Foundations of Cloud Computing	<i>Natural Science</i>	<i>Elective</i> 1-3 credits	CIS-2460 Cloud Computing Capstone*
Semester Credits	15 credits	16 credits	14-16 credits	15 credits
Cumulative Credits	15 credits	31 credits	45-47 credits	60-62 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.



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: CYBERSECURITY & NETWORKING FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Network & Security Foundations*	HUM-2010 Seminar in Educational Inquiry*
	ENG-1061 English Composition	<i>Social Science</i>	CIS-2230 System Administration*	CIS-2265 Cyber Defense & Network Security*
	<i>Mathematics</i>	<i>Arts & Aesthetics</i>	CIS-2245 Concepts of Computer Security*	<i>Communication</i>
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems	CIS-2255 Principles & Management of Cybersecurity	CIS-2235 Advanced System Administration*
	CIS-2210 Python Programming or CIS-1145 Programming I	<i>Natural Science</i>	<i>Humanistic Perspectives</i>	
Semester Credits	15 credits	16 credits	16 credits	13 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.



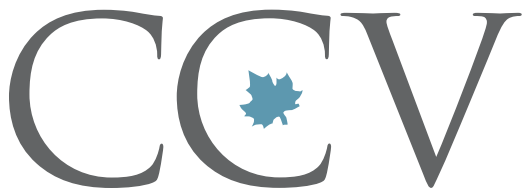
INFORMATION TECHNOLOGY A.S.

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: DATA ANALYTICS AND ARTIFICIAL INTELLIGENCE (AI) FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-1061 English Composition	ENG-2135 Technical Writing & Research*	HUM-2010 Seminar in Educational Inquiry*
	CIS-1100 Introduction to Computer Science	<i>Communication</i>	CIS-2120 Network and Security Foundations*	CIS-2230 System Administration*
	CIS-1270 Introduction to Artificial Intelligence (AI)	CIS-1350 Desktop Operating Systems	<i>Humanistic Perspective</i>	CIS-2420 Data Visualization
	CIS-1280 Introduction to Data Analytics	CIS-2210 Python Programming or CIS-1145 Programming I	CIS-2330 Fundamentals of Database Systems*	<i>Arts & Aesthetics</i>
	MAT-2021 Statistics	<i>Natural Science</i>	<i>Social Science</i>	CIS-2380 Introduction to Machine Learning
Semester Credits	15 credits	16 credits	15 credits	15 credits
Cumulative Credits	15 credits	31 credits	46 credits	61 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.



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: IT SUPPORT FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Network & Security Foundations*	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-2110 Concepts of PC Hardware	CIS-1035 Foundations of Information Security
	CIS-1145 Programming I or CIS-2210 Python Programming	<i>Natural Science</i>	<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

*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.



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: WEB DEVELOPMENT FOCUS

	Semester 1	Semester 2	Semester 3	Semester 4
	INT-1050 Dimensions of Self & Society	ENG-2135 Technical Writing & Research*	CIS-2120 Network & Security Foundations*	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-2080 Content Management Systems	<i>Communication</i>
	CIS-1100 Introduction to Computer Science	CIS-1350 Desktop Operating Systems*	CIS-2140 JavaScript for Web Development	CIS-1152 Advanced Web Development*
	CIS-1151 Web Development	<i>Elective</i>	CIS-2210 Python Programming or CIS-1145 Programming I	<i>Natural Science</i>
Semester Credits	15 credits	14-16 credits	16 credits	15 credits
Cumulative Credits	15 credits	29-31 credits	45-47 credits	60-62 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.