Bachelor of Computer Science Honours in Applied Computing with Co-op*
Learning Outcomes
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**Including BCS Honours in Applied Computing with Co-op degree completion and articulation agreement pathways.*

Program Learning Outcomes *This is a sentence completion exercise. Please provide a minimum of 1 learning outcome for each of the boxes associated with a graduate attribute.* At the end of this program, the successful student will know and be able to:	**Characteristics of a University of Windsor Graduate** A U of Windsor graduate will have the ability to demonstrate:	**COU-approved Undergraduate Degree Level Expectations**
A. Construct and assess algorithms and programs in light of computational standards.	A. the acquisition, application and integration of knowledge	1. Depth and Breadth of Knowledge 2. Knowledge of Methodologies 3. Application of Knowledge 5. Awareness of Limits of Knowledge
B. Categorize and differentiate computational problems, and illustrate potential solutions to these problems.	B. research skills, including the ability to define problems and access, retrieve and evaluate information (information literacy)	1. Depth and Breadth of Knowledge 2. Knowledge of Methodologies 3. Application of Knowledge 5. Awareness of Limits Knowledge
C. Recognize and solve computational problems using programming skills and computational analysis.	C. critical thinking and problem-solving skills	1. Depth and Breadth of Knowledge 2. Knowledge of Methodologies 3. Application of Knowledge 5. Awareness of Limits of Knowledge
D. Apply and employ state of the art computational tools in an industry setting to solve real world problems. Assess and measure software lifecycles.	D. literacy and numeracy skills	4. Communication Skills 5. Awareness of Limits of Knowledge
E. Demonstrate and value the ethical conduct expected of a computing professional.	E. responsible behaviour to self, others and society	5. Awareness of Limits of Knowledge 6. Autonomy and Professional Capacity

Program Learning Outcomes *This is a sentence completion exercise. Please provide a minimum of 1 learning outcome for each of the boxes associated with a graduate attribute.* At the end of this program, the successful student will know and be able to:	**Characteristics of a University of Windsor Graduate** A U of Windsor graduate will have the ability to demonstrate:	**COU-approved Undergraduate Degree Level Expectations**
F. Integrate learned skills into group problem solving work. Present orally and visually project results.	F. interpersonal and communications skills	4. Communication Skills 6. Autonomy and Professional Capacity
G. Practice, in the industry and in the University, the use of software tools and to present their effective use in a group setting.	G. teamwork, and personal and group leadership skills	4. Communication Skills 6. Autonomy and Professional Capacity
H. Recognize and choose innovative and simple algorithms and programs which solve complex problems.	H. creativity and aesthetic appreciation	2. Knowledge of Methodologies 3. Application of Knowledge 6. Autonomy and Professional Capacity
I. Value the development and use of state-of-the-art software and systems in order to continue to learn the new advances in computer technology.	I. the ability and desire for continuous learning	6. Autonomy and Professional Capacity