

# BASC SOFTWARE ENGINEERING, ENGINEERING MANAGEMENT AND ENTREPRENEURSHIP OPTION

Software engineering is a CO-OP only program that emphasizes innovation and teamwork to develop practical, solution-driven thinking. During their fourth-year project, students in this program can form teams and leverage their work experience to create real applications; some students even start their own companies. They learn how to apply engineering principles—including rapid prototyping, requirements analysis, system modelling, design, implementation, testing and project management—to develop software. Software engineers are key professionals in fields such as high tech, finance, telecommunications, government, health care, transportation and entertainment.

The French Immersion Stream is newly available to students who want to continue their French immersion studies during their university career.

This program is offered in English and in French.

## Program Requirements

To follow this option, students must complete the following courses in addition to those required for the BASc in Software Engineering.

Co-operative education is mandatory with this program.

The French immersion stream is available with this program.

Requirements for this program have been modified. Please consult the 2023-2024 calendars (<https://catalogue.uottawa.ca/en/archives/>) for the previous requirements.

BASc in Software Engineering <sup>1, 2</sup>	114 Units
ADM 1100 Introduction to Business	3 Units
ADM 1340 Financial Accounting	3 Units
ADM 2320 Marketing	3 Units
<b>6 optional course units from:</b>	<b>6 Units</b>
ADM 1101 Business and Society	
ADM 2313 The Entrepreneurial Society	
ADM 2336 Organizational Behaviour	
ADM 3118 International Business	
ADM 3313 New Venture Creation	
ADM 3319 Cross-Cultural Management	
ADM 3326 Advertising and Sales Promotion Management	
GNG 4120 Technology Entrepreneurship for Engineers and Computer Scientists	
GNG 4170 Engineering Law	
GNG 4171 Intellectual Property and Technology Law for Engineers	
PHI 2397 Business Ethics	
<b>Total:</b>	<b>129 Units</b>

Note(s)

1

Please consult the requirements for the BASc in Software Engineering (<http://catalogue.uottawa.ca/en/undergrad/basc-software-engineering/>) program.

2

Students who complete this option will be exempted from 12 course units of optional courses and 3 course units of optional courses in computing.