

Computer Science - Information Systems September Entry

| Year | Term | Course | Title | Credit | Prerequisite | Co-requisite |
|--------|--------|----------|---|--------|--|--------------------|
| Year 1 | Fall | COMP 232 | Mathematics for Computer Science | 3.00 | MATH 203, 204 | |
| | | COMP 248 | Object-Oriented Programming I | 3.50 | | MATH 204 |
| | | ECON 201 | Introduction to Microeconomics | 3.00 | | |
| | | | Elective* | | | |
| | | | | | | |
| | Winter | COMM 210 | Contemporary Business Thinking | 3.00 | | ENCS 282; ECON 201 |
| | | COMP 228 | System Hardware | 3.00 | COMP 248 | MATH 203; 204 |
| | | COMP 233 | Probability and Statistics for Computer Science | 3.00 | MATH 205 | |
| | | COMP 249 | Object-Oriented Programming II | 3.50 | COMP 248; MATH 203 | MATH 205 |
| | | ENCS 282 | Technical Writing and Communication | 3.00 | Students must pass the Engineering Writing Test (EWT), or pass ENCS 272 with a grade of C- or higher | |
| | | | | | | |
| Year 2 | Fall | COMM 222 | Organizational Behaviour and Theory | 3.00 | COMM 210; ENCS 282 | |
| | | COMM 225 | Production and Operations Management | 3.00 | COMM 210; COMP 233 | |
| | | COMP 348 | Principles of Programming Languages | 3.00 | COMP 249 | |
| | | COMP 352 | Data Structures and Algorithms | 3.00 | COMP 249 | COMP 232 |
| | | | Elective* | | | |
| | Winter | ACCO 220 | Financial and Managerial Accounting | 3.00 | | |
| | Winter | COMP 346 | Operating Systems | 4.00 | COMP 228 or SOEN 228; COMP 352 | |
| | | COMP 353 | Databases | 4.00 | COMP 232 or COEN 231; COMP 352 or COEN 352 | |
| | | COMP 354 | Introduction to Software Engineering | 4.00 | COMP 352; ENCS 282 | |
| | | | | 1.00 | | |
| ear 3 | Fall | COMP 335 | Introduction to Theoretical Computer Science | 3.00 | COMP 232 or COEN 231; COMP 249 or COEN 244 | |
| | | | Elective* | | | |
| | Winter | COMM 223 | Marketing Management I | 3.00 | | COMM 210; ENCS 282 |
| | | COMM 308 | Introduction to Finance | 3.00 | ACCO 220; COMM 225 | , |
| | | ENCS 393 | Social and Ethical Dimensions of Information and Communication Technologies | 3.00 | ENCS 282; 40 credits in BCompSc program | |
| | | | Elective* | | | |

* For the list of electives which students must complete, please consult section 71.70.2 of the Undergraduate Calendar.

Students in a Bachelor of Computer Science should follow the academic calendar for the year to which they have been admitted /readmitted.

Please note, only core courses are listed and not all electives are assigned a row in the above sequence.

Full-time status: minimum 12 credits required per term.





Computer Science - Information Systems January Entry

| | | Title | Credit | Prerequisite | Co-requisite |
|--------|-------------|--|--|---|--|
| Winter | COMP 232 | Mathematics for Computer Science | 3.00 | MATH 203, 204 | |
| | COMP 248 | Object-Oriented Programming I | 3.50 | | MATH 204 |
| | ECON 201 | Introduction to Microeconomics | 3.00 | | |
| | | Elective* | | | |
| | | | | | |
| Summer | COMM 210 | Contemporary Business Thinking | 3.00 | | ENCS 282; ECON 201 |
| | COMP 228 | System Hardware | 3.00 | COMP 248 | MATH 203; 204 |
| | COMP 233 | Probability and Statistics for Computer Science | 3.00 | MATH 205 | |
| | COMP 249 | Object-Oriented Programming II | 3.50 | COMP 248; MATH 203 | MATH 205 |
| | ENCS 282 | Technical Writing and Communication | 3.00 | Students must pass the Engineering Writing Test (EWT), or pass ENCS 272 with a grade of C- or higher | |
| | | | | | |
| Fall | COMM 222 | Organizational Behaviour and Theory | 3.00 | COMM 210; ENCS 282 | |
| | COMM 225 | Production and Operations Management | 3.00 | COMM 210; COMP 233 | |
| | COMP 348 | Principles of Programming Languages | 3.00 | COMP 249 | |
| | COMP 352 | Data Structures and Algorithms | 3.00 | COMP 249 | COMP 232 |
| | | Elective* | | | |
| | | | | | |
| Winter | | | | | |
| | | | | | |
| | | | | | |
| | COMP 354 | Introduction to Software Engineering | 4.00 | COMP 352; ENCS 282 | |
| Fall | COMP 335 | Introduction to Theoretical Computer Science | 3.00 | COMP 232 or COEN 231; COMP 249 or COEN 244 | |
| | | Elective* | | | |
| Winter | COMM 223 | Marketing Management I | 3 00 | | COMM 210; ENCS 282 |
| Whiter | | | | ACCO 220: COMM 225 | |
| | ENCS 393 | Social and Ethical Dimensions of Information and | 3.00 | ENCS 282; 40 credits in BCompSc program | |
| | | Elective* | | | |
| | Fall Winter | ECON 201Image: Product of the sector o | ECON 201Introduction to MicroeconomicsElective*SummerCOMM 210Contemporary Business ThinkingSummerCOMP 228System HardwareCOMP 233Probability and Statistics for Computer ScienceCOMP 249Object-Oriented Programming IIENCS 282Technical Writing and CommunicationFallCOMM 225Production and Operations ManagementCOMP 348Principles of Programming LanguagesCOMP 352Data Structures and AlgorithmsElective*Elective*WinterACCO 220Financial and Managerial AccountingCOMP 353DatabasesCOMP 354Introduction to Software EngineeringFallCOMP 335Introduction to Theoretical Computer ScienceWinterACCO 220Financial and Managerial AccountingCOMP 353DatabasesCOMP 354Introduction to Software EngineeringWinterCOMP 335Introduction to Theoretical Computer ScienceFallCOMM 223Marketing Management ICOMM 308Introduction to FinanceFNCS 393Social and Ethical Dimensions of Information and Communication Technologies | ECON 201Introduction to Microeconomics3.00Elective* | ECON 201Introduction to Microeconomics3.00 |

* For the list of electives which students must complete, please consult section 71.70.2 of the Undergraduate Calendar.

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Full-time status: minimum 12 credits required per term.





Computer Science - Information Systems Co-op Entry

| Year | Term | Course | Title | Credit | Prerequisite | Co-requisite |
|--------|----------|----------------------|---|--------------|---|--------------------|
| Year 1 | Fall | COMP 232 | Mathematics for Computer Science | 3.00 | MATH 203, 204 | |
| | | COMP 248 | Object-Oriented Programming I | 3.50 | | MATH 204 |
| | | ECON 201 | Introduction to Microeconomics | 3.00 | | |
| | | | Elective* | | | |
| | | | | | | |
| | Winter | ACCO 220 | Financial and Managerial Accounting | 3.00 | | |
| | | COMM 210 | Contemporary Business Thinking | 3.00 | | ENCS 282; ECON 201 |
| | | COMP 233 | Probability and Statistics for Computer Science | 3.00 | MATH 205 | |
| | | COMP 249 | Object-Oriented Programming II | 3.50 | COMP 248; MATH 203 | MATH 205 |
| | | ENCS 282 | Technical Writing and Communication | 3.00 | Students must pass the Engineering Writing Test (EWT), or pass ENCS 272 with a grade of C- or higher | |
| | Summer | Work Term 1 | | | | |
| | | | | | | |
| Year 2 | Fall | COMM 222 | Organizational Behaviour and Theory | 3.00 | COMM 210; ENCS 282 | |
| | | COMM 225 | Production and Operations Management | 3.00 | COMM 210; COMP 233 | |
| | | COMP 228 | System Hardware | 3.00 | COMP 248; MATH 204 | MATH 203 |
| | | COMP 352 | Data Structures and Algorithms | 3.00 | COMP 249 | COMP 232 |
| | | | Elective* | | | |
| | | | | | | |
| | Winter | Work Term 2 | | | | |
| | C | COMP 240 | | 2.00 | COMP 240 | |
| | Summer | COMP 348 | Principles of Programming Languages | 3.00 | COMP 249 | |
| | | COMP 346 COMP 353 | Operating Systems Databases | 4.00 4.00 | COMP 228 or SOEN 228; COMP 352 | |
| | | COMP 355 | Introduction to Software Engineering | 4.00 | COMP 232 or COEN 231; COMP 352 or COEN 352 COMP 352; ENCS 282 | |
| | | COMP 334 | Incloude tion to software Engineering | 4.00 | | |
| Year 3 | Fall | COMM 223 | Marketing Management I | 3.00 | | COMM 210; ENCS 282 |
| | | COMM 308 | Introduction to Finance | 3.00 | ACCO 220; COMM 225 | COMM 220 |
| | | ENCS 393 | Social and Ethical Dimensions of Information and Communication Technologies | 3.00 | ENCS 282; 40 credits in BCompSc program | |
| | | | Elective* | | | |
| | | | | | | |
| | Winter | Work Term 3 | | | | |
| | | | | | | |
| | Summer | COMP 335 | Introduction to Theoretical Computer Science | 3.00 | COMP 232 or COEN 231; COMP 249 or COEN 244 | |
| | | | Elective* | | | |
| | | | | | | |

* For the list of electives which students must complete, please consult section 71.70.2 of the Undergraduate Calendar.

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- Please note, only core courses are listed and not all electives are assigned a row in the above sequence.

Full-time status: minimum 12 credits required per term.

