COMPUTING – GENERAL (ARTS) – BACHELOR OF ARTS

COMP-G-BA

Subject: Administered by the School of Computing.
Plan: Consists of 33.00 units as described below.
Program: The Plan, with sufficient electives to total 90.00 units, will lead to a Bachelor of Arts Degree.

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1. Core

A. Complete the following:
   - CISC 121  Introduction to Computing Science I  3.00
   - CISC 124  Introduction to Computing Science II 3.00

B. Complete the following:
   - CISC 203  Discrete Mathematics for Computing II 3.00
   - CISC 204  Logic for Computing Science 3.00
   - CISC 221  Computer Architecture 3.00
   - CISC 235  Data Structures 3.00

2. Option

A. Complete 3.00 units from the following: 3.00
   - CISC at the 300-level or above
   - CISC_Subs at the 300-level or above
   - COCA at the 300-level or above
   - COGS at the 300-level or above

B. Complete 9.00 units from the following: 9.00
   - COGS 100  Introduction to Cognitive Science
   - CISC at the 200-level or above
   - CISC_Subs at the 200-level or above
   - COCA at the 200-level or above
   - COGS at the 200-level or above

3. Supporting

A. Complete 3.00 units from the following: 3.00
   - CISC 102  Discrete Mathematics for Computing I
   - MATH 110  Linear Algebra

Electives

Elective Courses 57.00

Total Units 90.00

4. Notes

A. Students with no programming experience should review the Introductory Courses (https://www.queensu.ca/academic-calendar/arts-science/schools-departments-programs/computing/) paragraph included on the School of Computing overview page in the Calendar.

B. ELEC courses are offered by the Faculty of Engineering and Applied Science. Special permission may be required to register. All such courses will count as 3.00 units towards degree requirements in Arts and Sciences.

C. A maximum of 6.00 units from courses offered by other Faculties and Schools may be counted toward the program and/or Plan requirements. This includes courses in BMED, COMM, GLPH, HSCI, LAW, NURS, and courses in the Faculty of Engineering and Applied Science.

Computing Course List

The following list contains courses offered through other Departments. In accordance with Academic Regulation 2.6 (Access to Classes), students do not have enrolment priority in all of these courses. Access to these courses may only be made available during the Open Enrolment period, and then only if space permits.

CISC_Subs

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Courses in other departments usable as CISC options

- COMM 365  Advanced Business Decision Modeling 3.00
- ELEC 470  Computer System Architecture 3.00
- MATH 272  Applications of Numerical Methods 3.00
- MATH 337  Stochastic Models in Operations Research 3.00
- MATH 401  Graph Theory 3.00
- MATH 402  Enumerative Combinatorics 3.00
- MATH 434  Optimization Theory with Applications to Machine Learning 3.00
- MATH 474  Information Theory 3.00

queensu.ca/academic-calendar