New Program/Major or Minor/Concentration Proposal Form

1.0 Degree Title
Please specify the two degrees for concurrent degree programs
B.A. & Sc.

1.1 Major (Legacy = Subject)(30-char. max.)

1.2 Concentration (Legacy = Concentration/Option)
If applicable to Majors only (30 char. max.)

1.3 Minor (with Concentration, if Applicable) (30 char. max.)
Computer Science

2.0 Administering Faculty/Unit
Science

2.1 Offering Faculty/Department
Science/School of Computer Science

3.0 Effective Term of Implementation
(Ex. Sept. 2004 = 200409)
Term
200709

4.0 Rationale for new proposal
The School currently does not offer a Minor Concentration for the Bachelor of Arts and Science. This proposal rectifies this situation.

5.0 Program Information
Please check appropriate box(es)

5.1 Program Type
- Bachelor's Program
- Master's
- M.Sc. (Applied) Program
- Dual Degree/Concurrent Program
- Certificate
- Diploma
- Graduate Certificate
- Graduate Diploma
- Ph.D. Program
- Doctorate Program
- (Other than Ph.D.)
- Private Program
- Off-Campus Program
- Distance Education Program
- (By Correspondence)
- Other (Please specify)

5.2 Category
- Faculty Program (FP)
- Major
- Joint Major
- Major Concentration (CON)
- Minor
- Minor Concentration (CON)
- Honours (HON)
- Joint Honours Component (HC)
- Internship/Co-op
- Thesis (T)
- Non-Thesis (N)
- Other

5.3 Level
- Undergraduate
- Dentistry/Law/Medicine
- Continuing Ed (Non-Credit)
- Collegial
- Masters & Grad Dips & Certs
- Doctorate
- Post-Graduate Medicine/Dentistry
- Graduate Qualifying
- Postdoctoral Fellows

5.4 Other (Please specify)

6.0 Total Credits
18

7.0 Consultation with Related Units
Yes ☐ No ☐
Financial Consult
Yes ☐ No ☐
Attach list of consultations.
Entry for

Computer Science

The School of Computer Science, the discipline, and specific courses are described in The Faculty of Science section of the Calendar.

The School offers both a minor and a major concentration in computer science in the B.A. & Sc. They are considered Science programs.

Students are strongly encouraged to talk to an adviser of the School before taking complementary courses within the respective programs. Approval must be given by the School for the particular sequence of courses the student wishes to use for the major or minor concentration.

MINOR CONCENTRATION IN COMPUTER SCIENCE (18 credits)

**Required Courses (9 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Title</th>
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<tbody>
<tr>
<td>COMP 202*</td>
<td>3</td>
<td>Introduction to Computing 1</td>
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<tr>
<td>COMP 203</td>
<td>3</td>
<td>Introduction to Computing 2</td>
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<tr>
<td>Or COMP 250</td>
<td>3</td>
<td>Introduction to Computer Science</td>
</tr>
<tr>
<td>COMP 206</td>
<td>3</td>
<td>Introduction to Software Systems</td>
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*Students who have sufficient knowledge in a programming language do not need to take COMP 202 but can replace it with an additional computer science complementary course.

**Complementary Courses (9 credits)**

Selected from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Title</th>
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<tbody>
<tr>
<td>COMP 230</td>
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<td>Logic and Computability</td>
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<tr>
<td>COMP 251</td>
<td>3</td>
<td>Data Structures and Algorithms</td>
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<tr>
<td>COMP 273</td>
<td>3</td>
<td>Introduction to Computer Systems</td>
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<tr>
<td>COMP 280</td>
<td>3</td>
<td>History and Philosophy of Computing</td>
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<td>MATH 222</td>
<td>3</td>
<td>Calculus 3</td>
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<td>MATH 240</td>
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<td>Discrete Structures 1</td>
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and computer science courses at the 300-level or above (except COMP 364, COMP 396, COMP 400, COMP 431)
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<th>Signature</th>
<th>Date</th>
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<tr>
<th>Submitted by</th>
<th>To be completed by ARR:</th>
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<tbody>
<tr>
<td>Name</td>
<td>Marisa Lento (for Judy Kenigsberg)</td>
</tr>
<tr>
<td>Phone</td>
<td>Ext. 00895</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:Marisa@cs.mcgill.ca">Marisa@cs.mcgill.ca</a></td>
</tr>
<tr>
<td>Submission Date</td>
<td>April 18, 2007</td>
</tr>
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CIP Code