



<p>1.0 Degree Title Specify the two degrees for concurrent degree programs</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">B.Sc</div> <p>1.1 Major (Legacy= Subject) (30-char. max.)</p> <div style="border: 1px solid black; padding: 2px;">Computer Science</div> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.)</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>1.3 Minor (with Concentration, if applicable) (30 char. max.)</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <p>1.4 Category</p> <table style="width: 100%; border: none;"> <tr> <td><input type="checkbox"/> Faculty Program (FP)</td> <td><input type="checkbox"/> Honours (HON)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Major</td> <td><input type="checkbox"/> Joint Honours Component (HC)</td> </tr> <tr> <td><input type="checkbox"/> Joint Major</td> <td><input type="checkbox"/> Internship/Co-op</td> </tr> <tr> <td><input type="checkbox"/> Major Concentration (CON)</td> <td><input type="checkbox"/> Thesis (T)</td> </tr> <tr> <td><input type="checkbox"/> Minor</td> <td><input type="checkbox"/> Non-Thesis (N)</td> </tr> <tr> <td><input type="checkbox"/> Minor Concentration (CON)</td> <td><input type="checkbox"/> Other</td> </tr> <tr> <td></td> <td style="text-align: center;">Please specify</td> </tr> <tr> <td></td> <td style="text-align: center;"><div style="border: 1px solid black; width: 100px; height: 15px; margin: 0 auto;"></div></td> </tr> </table> <p>1.5 Complete Program Title</p> <div style="border: 1px solid black; padding: 2px;">Major in Computer Science</div>	<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)	<input checked="" type="checkbox"/> Major	<input type="checkbox"/> Joint Honours Component (HC)	<input type="checkbox"/> Joint Major	<input type="checkbox"/> Internship/Co-op	<input type="checkbox"/> Major Concentration (CON)	<input type="checkbox"/> Thesis (T)	<input type="checkbox"/> Minor	<input type="checkbox"/> Non-Thesis (N)	<input type="checkbox"/> Minor Concentration (CON)	<input type="checkbox"/> Other		Please specify		<div style="border: 1px solid black; width: 100px; height: 15px; margin: 0 auto;"></div>	<p>2.0 Administering Faculty/Unit</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Science</div> <p>Offering Faculty/Department</p> <div style="border: 1px solid black; padding: 2px;">Science/School of Computer Science</div> <p>3.0 Effective Term of revision or retirement Please give reasons in 5.0 "Rationale" in the case of retirement (Ex. Sept. 2004 = 200409) <input type="checkbox"/> Retirement</p> <p>Term: <div style="border: 1px solid black; padding: 2px; display: inline-block;">200809</div></p> <p>4.0 Existing Credit Weight Proposed Credit Weight</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; text-align: center;">60</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">60-63</div> </div> <p>5.0 Rationale for revised program</p> <div style="border: 1px solid black; padding: 5px; min-height: 100px;"> <p>The School of Computer Science is currently revising all its programs. In particular, it makes the requirements regarding COMP 202 more uniform across all programs. Furthermore, it redesigned the programs to offer students more choice. Finally, program descriptions are simplified.</p> </div>
<input type="checkbox"/> Faculty Program (FP)	<input type="checkbox"/> Honours (HON)																
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<p>6.0 Revised Program Description (Maximum 150 words)</p> <div style="border: 1px solid black; padding: 10px; min-height: 200px;"> <p>Students should talk with an academic adviser before choosing complementary courses.</p> </div>																	

COMP 524 (3) Theoretical Foundations of Programming Languages
COMP 525 (3) Formal Verification
COMP 526 (3) Probabilistic Reasoning and AI
COMP 529 (4) Software Analysis
COMP 531 (3) Theory of Computation
COMP 533 (3) Object-Oriented Software Development
COMP 534 (3) Team Software Engineering
COMP 535 (3) Computer Networks 1
COMP 537 (3) Internet Programming
COMP 538 (3) Person-machine Communication
COMP 540 (3) Matrix Computations
COMP 547 (4) Cryptography and Data Security
COMP 557 (3) Fundamentals Computer Graphics
COMP 558 (3) Fundamentals of Computer Vision
COMP 560 (3) Graph Algorithms and Applications
COMP 563 (3) Molecular Evolution Theory
COMP 564 (3) Computational Gene Regulation
COMP 566 (3) Discrete Optimization 1
COMP 567 (3) Discrete Optimization 2
COMP 575 (3) Fundamentals of Distributed Algorithms
COMP 577 (3) Distributed Database Systems
ECSE 323 (3) Digital System Design
ECSE 426 (3) Microprocessor Systems
ECSE 508 (3) Multi-Agent Systems
ECSE 531 (3) Realtime Systems
ECSE 548 (3) Introduction to VLSI Systems

3 credits from Mathematics selected from:

MATH 242 (3) Analysis 1
MATH 243 (3) Analysis 2
MATH 255 (3) Honours Analysis 2
Or any 300-level or above Mathematics course (excluding MATH 338, MATH 323, MATH 340)

9. Approvals

Routing Sequence	Name	Signature	Date
Department	Sue Whitesides		
Curric/Acad Committee			
Faculty 1			
Faculty 2			
Faculty 3			
SCTP			
GS			
APPC			
Senate			

Submitted by

Name: Marisa Lento (for Judy Keniasbera)

Phone: Ext. 00895

Email: Marisa@cs.mcgill.ca

Submission Date: April 18, 2007

To be completed by ARR:

CIP Code