



<p>1.0 Degree Title Specify the two degrees for concurrent degree programs</p> <p>1.1 <input style="width: 100%;" type="text" value="B.Sc."/></p> <p>1.2 Concentration (Legacy = Concentration/Option) If applicable (30 char. max.) <input style="width: 100%;" type="text" value="Computer Science"/></p> <p>1.3 Minor (with Concentration, if applicable) (30 char. max.)</p> <p>1.4 Category</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">Faculty Program (FP)</td> <td style="width: 50%; border: none;">Honours (HON)</td> </tr> <tr> <td style="border: none;">Major</td> <td style="border: none;">Joint Honours Component (HC)</td> </tr> <tr> <td style="border: none;">Joint Major</td> <td style="border: none;">Internship/Co-op</td> </tr> <tr> <td style="border: none;">Major Concentration (CON)</td> <td style="border: none;">Thesis (T)</td> </tr> <tr> <td style="border: none;">Minor</td> <td style="border: none;">Non-Thesis (N)</td> </tr> <tr> <td style="border: none;">Minor Concentration (CON)</td> <td style="border: none;">Other</td> </tr> <tr> <td style="border: none;"></td> <td style="border: none;">Please specify</td> </tr> </table> <p>1.5 <input style="width: 100%;" type="text" value="Honours Computer Science"/></p>	Faculty Program (FP)	Honours (HON)	Major	Joint Honours Component (HC)	Joint Major	Internship/Co-op	Major Concentration (CON)	Thesis (T)	Minor	Non-Thesis (N)	Minor Concentration (CON)	Other		Please specify	<p>2.0 Administering Faculty/Unit <input style="width: 100%;" type="text" value="Science"/></p> <p>Offering Faculty/Department <input style="width: 100%;" type="text" value="Computer Science"/></p> <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) Retirement</p> <p>Term: <input style="width: 100%;" type="text" value="201201"/></p> <p>4.0 Existing Credit Weight Proposed Credit Weight</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: 1px solid black; text-align: center;">72-75</td> <td style="width: 50%; border: 1px solid black; text-align: center;">72-75</td> </tr> </table> <p>5.0 Rationale for revised program</p> <div style="border: 1px solid black; padding: 5px; min-height: 100px;"> <p>There are minor changes due to title changes and course retirements. As COMP 304 was retired, and the program had as a requirement to either take COMP 303 or COMP 304, COMP 303 is now automatically a required course</p> <p style="text-align: right;"><input type="checkbox"/></p> </div>	72-75	72-75
Faculty Program (FP)	Honours (HON)																
Major	Joint Honours Component (HC)																
Joint Major	Internship/Co-op																
Major Concentration (CON)	Thesis (T)																
Minor	Non-Thesis (N)																
Minor Concentration (CON)	Other																
	Please specify																
72-75	72-75																

6.0 Revised Program Description (Maximum 150 words)

<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
---	--

7.0 Existing program as of Calendar 2010/2011

Honours in Computer Science (72-75 credits)

Honours students must maintain a CGPA of 3.00 and must have at least this average upon graduation as well.

Required Courses (42-45 credits)

COMP 202* (3) Introduction to Computing
COMP 206 (3) Introduction to Software Systems
COMP 250 (3) Introduction to Computer Science
COMP 252 (3) Algorithms and Data Structures
COMP 273 (3) Introduction to Computer Systems
COMP 302 (3) Programming Languages and Paradigms
COMP 310 (3) Operating Systems
COMP 330 (3) Theoretical Aspects: Computer Science
COMP 350 (3) Numerical Computing
COMP 362 (3) Honours Algorithm Design
COMP 400 (3) Technical Project and Report
MATH 222 (3) Calculus 3
MATH 223 (3) Linear Algebra
MATH 240 (3) Discrete Structures 1
MATH 340 (3) Discrete Structures 2
or MATH 350 (3) Graph Theory and Combinatorics

*Students who have sufficient knowledge in a programming language are not required to take COMP 202.

Complementary Courses (30 credits)

At least 3 credits selected from:
COMP 303 (3) Software Development
COMP 304 (3) Object-oriented Design

6 credits selected from:
MATH 318 (3) Mathematical Logic
MATH 323 (3) Probability
MATH 324 (3) Statistics

The remaining credits selected from computer science courses at the 300-level or above (except COMP 364, COMP 396, COMP 431) and ECSE 508. At least 12 credits must be at the 500 level.

Revised program

Honours in Computer Science (72-75 credits)

Honours students must maintain a CGPA of 3.00 and must have at least this average upon graduation as well.

Required Courses (45-48 credits)

COMP 202* (3) **Foundations of Programming**
COMP 206 (3) Introduction to Software Systems
COMP 250 (3) Introduction to Computer Science
COMP 252 (3) **Hon Algorithms and Data Structures**
COMP 273 (3) Introduction to Computer Systems
COMP 302 (3) Programming Languages and Paradigms
COMP 303 (3) Software Development
COMP 310 (3) Operating Systems
COMP 330 (3) Theoretical Aspects: Computer Science
COMP 350 (3) Numerical Computing
COMP 362 (3) Honours Algorithm Design
COMP 400 (3) **Honours Project in Computer Science**
MATH 222 (3) Calculus 3
MATH 223 (3) Linear Algebra
MATH 240 (3) Discrete Structures 1
MATH 340 (3) Discrete Structures 2
or MATH 350 (3) Graph Theory and Combinatorics

*Students who have sufficient knowledge in a programming language are not required to take COMP 202.

Complementary Courses (27 credits)

At least 3 credits selected from:
COMP 303 (3) Software Development
COMP 304 (3) Object-oriented Design

6 credits selected from:
MATH 318 (3) Mathematical Logic
MATH 323 (3) Probability
MATH 324 (3) Statistics

The remaining credits selected from computer science courses at the 300-level or above (except COMP 364, COMP 396, ~~COMP 431~~, ~~and ECSE 508~~). At least 12 credits must be at the 500 level.

8.0 Consultation with
Related Units

Yes No

Financial Consult Yes No

Attach list of consultations

9. Approvals

Routing Sequence	Name	Signature	Date
Department	<input type="text"/>	<input type="text"/>	<input type="text"/>
Curric/Acad Committee	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 1	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 2	<input type="text"/>	<input type="text"/>	<input type="text"/>
Faculty 3	<input type="text"/>	<input type="text"/>	<input type="text"/>
SCTP	<input type="text"/>	<input type="text"/>	<input type="text"/>
GS	<input type="text"/>	<input type="text"/>	<input type="text"/>
APPC	<input type="text"/>	<input type="text"/>	<input type="text"/>
Senate	<input type="text"/>	<input type="text"/>	<input type="text"/>

Submitted by

Name

Phone

Email

Submission Date

To be completed by ARR:

CIP Code