



Program/Major or Minor/Concentration Revision Form

(07/2004)

1.0 Degree Title

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 (30 char. max.)

Software Engineering

1.3 Minor (with Concentration, if applicable) (30 char. max.)

1.4 Category

- | | |
|---|--|
| <input type="checkbox"/> Faculty Program (FP) | <input type="checkbox"/> Honours (HON) |
| <input type="checkbox"/> Major | <input type="checkbox"/> Joint Honours
Component (HC) |
| <input type="checkbox"/> Joint Major | <input type="checkbox"/> Internship/Co-op |
| <input checked="" 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 |

1.5 Complete Program Title

Major Concentration in Software Engineering

2.0 Administering Faculty/Unit

Science

Offering Faculty/Department

Computer Science

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

Term: 201009

4.0 Existing Credit Weight

36-37

Proposed Credit Weight

36-37

5.0 Rationale for revised program

Changes are required to align the courses
and structure with updates to the Software
Engineering major program.

6.0 Revised Program Description (Maximum 150 words)

MAJOR CONCENTRATION IN SOFTWARE ENGINEERING

EXISTING as of 2009/10 (online)

MAJOR CONCENTRATION IN SOFTWARE ENGINEERING MAJOR CONCENTRATION IN SOFTWARE ENGINEERING
(36-37 credits) (36-37 credits)

COMP 202* Introduction to Computing 1 (3)
COMP 206 Introduction to Software Systems (3)
COMP 250 Introduction to Computer Science (3)
COMP 251 Data Structures and Algorithms (3)
COMP 302 Programming Languages and Paradigms (3)
COMP 303 Software Development (3)
~~COMP 304 Object-oriented Design (3)~~
COMP 421 Database Systems (3)
MATH 223 Linear Algebra (3)
MATH 240 Discrete Structures 1 (3)

* Students who have sufficient knowledge in a programming language do not need to take COMP 202 and can replace it with additional computer science complementary course credits.

Complementary Courses (6-7 credits)

~~COMP 335 Software Engineering Methods (3)~~
~~or ECSE 321 Introduction to Software Engineering (3)~~
COMP 322 Introduction to C++ (1)
COMP 361 Systems Development Project (3)
COMP 529 Software Architecture (3)
COMP 533 Object-Oriented Software Development (3)
Or any computer science course at the 300-level or above, excluding COMP 364, COMP 396, and COMP 431.

PROPOSED 2010/11

COMP 202* Introduction to Computing 1 (3)
COMP 206 Introduction to Software Systems (3)
COMP 250 Introduction to Computer Science (3)
COMP 251 Data Structures and Algorithms (3)
COMP 273 Introduction to Computer Systems (3)
COMP 302 Programming Languages and Paradigms (3)
COMP 303 Software Development (3)
COMP 421 Database Systems (3)
MATH 223 Linear Algebra (3)
MATH 240 Discrete Structures 1 (3)

* Students who have sufficient knowledge in a programming language do not need to take COMP 202 and can replace it with additional computer science complementary course credits.

Complementary Courses (6-7 credits)

COMP 322 Introduction to C++ (1)
COMP 361 Systems Development Project (6)
COMP 529 Software Architecture (3)
COMP 533 Object-Oriented Software Development (3)
Or any computer science course at the 300-level or above, excluding COMP 364, COMP 396, and COMP 431.

8.0 Consultation with
Related Units

Yes No

Financial Consult

Yes No

Attach list of consultations

9. Approvals

Routing Sequence

Name

Signature

Date

Department

Curric/Acad Committee

Faculty 1

Faculty 2

Faculty 3

SCTP

GS

APPC

Senate

Submitted by

Name

To be completed by ARR:

Phone

CIP Code

Email

Submission Date