SoCS Council Meeting

March 6, 2018

AGENDA

1. Approval of Agenda
2. Approval of Minutes from Jan 23, 2018
3. Approval of Minutes from Feb 6, 2018
4. Interim Director's Remarks — Pascal
5. Undergraduate Curriculum Committee — Dave
6. Any other business

AGENDA

1. Approval of Agenda
2. Approval of Minutes from Jan 23, 2018

Regrets: J. Sawada
Present: J. Sawada

4. INTERIM DIRECTOR'S REMARKS

4. INTERIM DIRECTOR'S REMARKS: CL Position

Welcome, Hassan!

4. INTERIM DIRECTOR'S REMARKS: Meeting with the Dean

~~FEB 7: 1 hour meeting scheduled Feb 21~~
FEB 20: Meeting rescheduled Mar 7
MAR 6: Meeting shortened to 30 minutes

5. UNDERGRADUATE CURRICULUM COMMITTEE

1. Reorganizing low enrolment courses. Delete three existing low-enrolment courses and replace them with new content. The existing courses are:

Course	Past Enrolment Numbers
CIS*3000 Social Implications of Computing (F)	23, 28, 21, Cancelled, 15, 12, 20, 37
CIS*4780 Computational Intelligence (F odd years)	F9: 12, F11: 7, F13: 18, F15: 13, F17: 29
CIS*4410 Trends in Distributed Systems (W)	11, 9, 10, 16, 8, 13, 6, 7
CIS*4430 Information Organization and Retrieval (W)	13, 15, 17, 11, 18

The intention is to replace the courses with topics that are more timely and relevant in hopes of attracting a larger audience. The proposed replacements are:

- Mobile Computing (W) – 4000 level course
- Cloud Computing (W) – 4000 level course
- Data Science (F odd years) – 4000 level course
- Systems Programming (F) – 3000 level course

All changes are to be submitted for the 2019-20 calendar year.

CIS*4780 Computational Intelligence will not be deleted but it will only be taught in conjunction with the graduate course in Soft Computing. This serves the same purpose as deleting the course in that it frees a teaching task.

Motion: Delete following courses:

- CIS*3000 Social Implications of Computing
- CIS*4410 Trends in Distributed Systems
- CIS*4430 Information Organization and Retrieval

and create the proposed courses in Mobile Computing, Cloud Computing, Data Science, and Systems Programming.

2. Add a new first year programming course.

Create a new course for students who will focus on computing as a large part of their undergraduate studies. This includes all B.Comp. students, CIS minors, and possibly students with an area of emphasis in computing, and Engineering students in the ES&C and CENG programs.

For the existing CIS*1500 Introduction to Programming course:
- the lecture topics will largely remain unchanged
- the language of instruction will primarily be Python
- an introduction to C, including at least one assignment, will be included to act as a bridge to CIS*2500 Intermediate Programming

For the proposed CIS*15zz Programming course:
- the lecture material will add to the existing material in CIS*1500 by examining somewhat more complex algorithms, OS and software tools
- the language of instruction will be C
- students will gain experience with typed languages, compilers, and basic memory management

Both courses will be accepted as prerequisites for CIS*2500 Intermediate Programming.

Calendar Descriptions

CIS*1500 Introduction to Programming F,W (3-1) [0.50]
This course introduces problem-solving, programming and data organization techniques required for applications using a general purpose programming language. Topics include control structures, data representation and manipulation, program logic, development and testing.
Department(s): School of Computer Science
Restrictions: CIS*15zz, not available to students registered in the B.Comp. degree or a CIS minor

CIS*15zz Programming F (3-2) [0.50]
This course studies programming and basic data structures necessary for software development. The course explores control, data, input-output, program structure, and use of a compiler. The course is designed for students who require a strong understanding of programming or are planning on taking additional Computing and Information Science courses. This is the entry point to most CIS courses.
Restrictions: CIS*1500
Department(s): School of Computer Science

Motion: Introduce a new first year programming course for students who are likely to pursue further CIS courses.

3. Introduce a first year service course in web design.

A course in web design is routinely requested by students, the Co-op office, and by other units on campus. A first year distance education course in web design that is open to all students is proposed.

Motion: Introduce a new first year Web Design and Development course.