

## SOCS Council Meeting

Tuesday, March 28, 2017 at 1:00 p.m.

### Agenda

1. Approval of the Agenda
2. Change the prerequisites for CIS\*3750 System Analysis and Design in Applications and CIS\*3760 Software Engineering so CIS\*3750 is a prerequisite for CIS\*3760. The prerequisites were changes to allow students to take these courses in any order. Normally CIS\*3750 is a prerequisite for CIS\*3760. Allowing them to be taken in the reverse order has created many problems for faculty offering the courses as CIS\*3750 contains material which prepares students for CIS\*3760. This will require an additional offering of both courses which is subject to budgetary approval.

**MOTION:** Add CIS\*3750 as a prerequisite for CIS\*3760.

3. Make STAT\*2040 Statistics I the prerequisite for CIS\*2460 Modelling of Computer Systems. This involves requiring STAT\*2040 in both CS and SENG majors. It also involves removing the option to take CIS\*2460 instead of STAT\*2040. Consider also adding MATH\*1200 Calculus I as a prerequisite to CIS\*2460.

**MOTION:** Add STAT\*2040 as a prerequisite for CIS\*2460 and require both Computer Science and Software Engineering majors to take STAT\*2040. Make CIS\*2460 an elective.

4. Remove CIS\*2030 Structure and Application of Microcomputers as a prerequisite for CIS\*3120 Digital Systems I. The material in CIS\*2030 is not needed to prepare students for CIS\*3120. It is hoped the change in prerequisites will encourage more students to take CIS\*3120. This change will leave CIS\*3120 with no prerequisites so it is recommended that CIS\*1910 and CIS\*2500 be added as a prerequisite for CIS\*3120.

**MOTION:** Remove CIS\*2030 as a prerequisite to CIS\*3120 and replace it with CIS\*1910 Discrete Structures in Computing I and CIS\*2500 Intermediate Programming.

5. Cancel low enrolment courses related to the Pathways program. CIS\*2130 Discrete Mathematics for Computer Science had 11 students registered in S16 and it was canceled in S17 due to low enrollments.

**MOTION:** Delete CIS\*2130 from the calendar.

6. The only prerequisite for CIS\*4110 Computer Security is CIS\*3110 Operating Systems. The committee recommends adding CIS\*3210 Computer Networks as a prerequisite as the material in that course is relevant to the study of computer security.

**MOTION:** Add CIS\*3210 as a prerequisite for CIS\*4410.

7. **For information:** The calendar description for CIS\*1910 Discrete Structures in Computing contains, "Boolean, Algebra". The comma can be removed. The calendar description of the prerequisites for CIS\*4820 reads ([CIS\\*3750](#) or @=77web77 [CIS\\*3760](#)). Remove the control codes.
8. Move CIS\*3260 Software Design IV to semester seven so it is taken after CIS\*3760 Software Engineering. CIS\*3260 is a sequel to CIS\*3760 as it covers the advanced material that would

follow a traditional Software Engineering course such as CIS\*3760. This reorganization allows the course material to be taken in the appropriate order and offers some other potential benefits such as sharing a textbook between the two courses. This will have the effect of moving CIS\*4250 Software Design V to semester eight. As CIS\*4250 is a capstone course for the Software Engineering majors, moving it to semester eight does not negatively affect their program.

**MOTION:** Move CIS\*3260 to semester seven so it is taken after CIS\*3760. Move CIS\*4250 to semester eight.

9. **For information:** Move CIS\*1910 and CIS\*2910 to semesters one and two respectively. The school voted to accept this change in 2015. It will be implemented this year. This will move CIS\*1910 to the Fall semester and CIS\*2910 to the Winter semester of first year. In both cases students will take the courses earlier in their undergraduate schedule.

10. **Any other business.**