

**Department of Scientific Computing
Undergraduate Committee
Meeting Minutes, 2011/11/02**

Present: Amwake, Meyer-Baese, Lemmon, Plewa, Slice

Absent:

1. Old business

- 1.1. Approval of the 20111019 meeting minutes.
- 1.2. review of UG courses
 - Website info
 - Monthly Undergraduate happy hour pizza to integrate UG students with the faculty: Thursdays, 12:30pm, once per month 11/17, 12/8; Bill to create invitations (assigned to TP), **CLOSED (TP)**
 - Mechanism to address potential gaps between prerequisites and the syllabus; there is no automatic mechanism for verifying prerequisites until at least 2013; need to review the map (re: linear algebra)
 - Contact the teaching faculty for info re gaps (assigned to TP); algebra for ISC 4220C; ISC 3313 programming class (too much variation in students quality)
- 1.3. review of UG general bulletin
 - (http://registrar.fsu.edu/bulletin/undergrad/depts/scientific_computing.htm)
 - consistency of courses **CLOSED (AL)**
 - DS+MA minor (required 12 credit hours: ISC 3313 Intro Sci Comp/3, ISC 4304 Intro Sci Appl/4, and additional 5 credit hours, e.g. one elective/3, two hours of seminars junior/senior)
 - **transfer academic requirements to our mapping and program guide** (email bulletin info and added to the program guide/mapping) **CLOSED (MA)**
- 1.4. review of SC websites related to the Committee and the UG program
 - Create the committee mailing lists (assigned to the Faculty Meeting)
 - Update to SC UG committee website
- 1.5. ensure that at the reduced staffing students who graduate with B.S. and decide to stay with us will be able to pass ACS1 + ACS2 and the qualifying exam
- 1.6. 2.9 Academic Learning Compact for Computational Science
 - (<http://www.learningforlife.fsu.edu/smalcs/learningcompacts.cfm>)
 - SC does not exist: need added (emailed website info, asked what info required for the form, waiting for reply)
- 1.7. 2.12 UG research (see Maribel's email of 9/28: provided info on DIS, practicum, two more 42xx courses) **CLOSED (ALL)**

2. New business

- 2.a from MG: define a minor in Computational Science **CLOSED (ALL)**
- 2.b from MG: define a undergraduate certificate in Computational Science DEFERRED(ALL)
- 2.c from JP: changing the order of 4220C (Fall) with 4221 (Spring) to make the UG program easier to start ; prereq for 4221 is 3222, consider making it a co-req, offer 4220 in Spring rather than Fall (alternative map)

2.d from AMB/AEA: Practicum as the 3 credit hours course (rather than 1 hour credit course); in Eng it is Senior Design worth 3 credit hours

2.1 draft SC-1000 course

2.2 review of departmental webpage geared toward recruitment (ordering of sections, contents)

2.3 departmental support for Spring 2012 requirement campaign

2.4 review of 2 year UG plan of studies (http://www.academic-guide.fsu.edu/computational_science.html)

vary course weekly schedules from year to year, especially for labs)

2.5 SC-1000 course

2.6 SC UG Recruitment campaign

- Facebook
- High schools
- Campus

2.7 Handling of the curriculum based on the number of existing faculties, look for redundancy in courses.