**Department of Scientific Computing**
**Undergraduate Committee**
**Meeting Minutes, 2011/12/14**

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

1. **Old business**
   1.1. Approval of the 20111116 meeting minutes.
   1.2. review of UG courses
       o    see Maribel's email of 9/23; http://www.sc.fsu.edu/undergraduate/bs) course numbers not provided; some electives do not exist, i.e. Visual Analysis, CFD, …: email to the Faculty to follow along with the recommendation, CLOSED (TP 2012/08/07)
       o    Mechanism to address potential gaps between prerequisites and the syllabus (case in question ISC 4220C): office hours, tutoring ); there is no automatic mechanism for verifying prerequisites until at least 2013; need to review the map (re: linear algebra), CLOSED (all)
       o    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), CLOSED (all)
   1.3. review of UG general bulletin (http://registrar.fsu.edu/bulletin/undergrad/depts/scientific_computing.htm)
       o    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) CLOSED (MA)
   1.4. review of SC websites related to the Committee and the UG program
       o    Create the committee mailing lists (assigned to the Faculty  Meeting)  CLOSED (TP/delegated to Publ Cmte)
       o    Update to SC UG committee website CLOSED(TP/delegated to Publ Cmte))
   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.  Academic Learning Compact for Computational Science (http://www.learningforlife.fsu.edu/smalcs/learningcompacts.cfm)
       o    One ofr SC is missing: need added (emailed website info, asked what info required for the form, waiting for reply)
   1.7. Requisites for UG courses
       o    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)
       o    Consider creating another version of ISC 3313 to satisfy two populations of students (programming savvy and not)
   1.8. UG practicum
       o    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 CLOSED (it is 3 credit hours actually)
       o    request practicum topics from faculty
   1.9. draft SC-1000 course IN PROGRESS (all, draft by 20120125)

2   **New business**

2.1  review of departmental webpage geared toward recruitment (ordering of sections, contents)  departmental support for Spring 2012 requirement campaign

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

2.2.1   Vary course weekly schedules from year to year, especially for labs)
2.2.2   Handling of the curriculum based on the number of existing faculties, look for redundancy in courses.

2.3  SC UG Recruitment campaign
   -   Facebook pages of UG/G courses
   -   High schools
   -   Campus:

2.4  from MG: define a undergraduate certificate in Computational Science DEFERRED(ALL)