

Arts and Sciences Curriculum Committee Meeting Minutes
March 12, 2019, 3:30 p.m.
CNS 8

Attendees: Sergio Adrada Rafael, Rachelle Brunn-Bevel, Carol Ann Davis, Ryan Drake, Olivia Harriott, Martha LoMonaco Martin Nguyen, Elizabeth Petrino (Associate Dean) Margaret Wills

Call to Order 3:30 p.m.

1. Approval of Minutes for the February 13, 2019 meeting

Motion: Wills moves to approve; Adrada Rafael seconds

Vote: 5 in favor, 3 abstentions; motion passes

2. Chair's Announcements

Nguyen's Comments:

Both departments made the efforts to make these offerings more formal. They followed all the procedures necessary and they both look like good courses.

As chair of the ASCC he approved both courses.

- a. Approved PS 390 Special Topics: Modern Physics II – Applications of Quanta and Relativity
 - b. Approved AY 390 Special Topics: Language and Culture
- As a follow up with the Registrar, the course renumbering will contain four digits and four letters.

3. Questions Concerning CAS Departments and the Masters of Science in Applied Data Analytics

Dean Richard Heist from the School of Engineering (Interim Dean until July 2020) was invited to the meeting to discuss the collaboration of the School of Engineering and the College of Arts and Sciences in the Masters of Science in Applied Ethics and Data Analytics Program. He explained how the program was completed before arrived at the university. He was impressed at the outreach from both the College of Arts and Sciences and the School of Engineering to participate together in the concentration areas. This program is all about taking large amounts of data and extracting knowledge. Coupled with artificial intelligence and machine learning this is urgent, not only here, but all over the world. The focus is in the areas of concentration. The curriculum: 4 required courses, two concentrations, two electives and two capstones. There is a lot of experiential work in our programs. Capstones, senior designs, clinics etc. put the material learned to use.

Heist noted the fundamental understanding Adrian Russu did not have at the previous meeting, was how things were going to be paid. CAS faculty is more than welcome to

advise and mentor capstone projects. The School of Engineering generally pays faculty \$1,500 for mentoring a capstone project. This would be offered to any faculty member for the capstone. There would be at least one course as part of the concentration. These graduate courses would be part of the MS degree program, and we would offer tuition split - the more students in the course, the more revenue. He would suggest the revenue go back to the department. The revenue coming out of the program would be shared. Heist noted - if the faculty involved in the concentration courses had interest and buy in on their part, they would get involved with students from their particular discipline and mentor them. Additionally, there will be an overall coordinating committee including all faculty involved. Everyone will have their chance to discuss the growth and offerings of the program.

Normally, we work with teams in the capstone project. We find if we put 4 to 5 students in a group, and mentor the group, there are opportunities for shared leadership and work. We generally collaborate with the industry. There is always a formal presentation at the end of the capstone (two semesters of work). This depends on the advisor/mentor of the group, the involvement of the director of the program as well as faculty who might have overlapping interest.

There are 4 organization numbers (orgs). All the revenue from the courses go into these orgs and all the expenses come out of the orgs. One of the opportunities for this program is 4 + 1. This will help populate the program. Generally, when this happens, an undergraduate student would take 1 or 2 graduate courses as part of their undergraduate block. Heist is proposing, in coordination with the Office of Finance, that the tuition for these graduate courses be teased out. He is willing to split the revenue. Right now, he is paying those bills. In his opinion, the best place for this revenue to go is where the effort is coming from. Normally, this would go from Dean to Dean. He would prefer that it go from department to department. The more students involved in these concentration courses, the more revenue will be generated. Petrino questions the compensation for the CAS mentors who will share in the advising and mentoring. Heist states they will mentor a capstone team for \$1,500. The mentors meet once a week with the group.

- Drake- Asks for the clear lines discussed today regarding funding and commitment, be written into the proposal.
- Heist - Explains that at the time of the proposal, the funding mechanism did not exist. We did not have the 5 cost centers assigned to use for the graduate programs in Engineering. That was a cost negotiation issue with the finance department that started in January. It is now documented that the tuition revenue, from these programs, will go into the org associated with that department. Also, the expenses incurred in making the program happen come out of the org. He would like to convert to rollover orgs. This will help growth, and incentivize people to encourage and improve these courses. This is a good program that needs to be advertised. Most of these courses should be offered online to accommodate part time graduate enrollment. It is a revenue stream for the university. What makes this program attractive is that it is a collaborate effort with SOE, CAS and SON. He will create an appendage that delineates the answers to the questions posed by this Committee.
- Nguyen – There is a series of proposals for the concentrations for each department as well as the 4+1 five-year program. He asks Heist to resubmit them with the answers to the questions the Committee discussed.

- Davis – has concerns regarding staffing if enrollments grow and an adjunct is needed in the future. Maybe this can be noted in the proposal.
- Petrino - is concerned with the extra advising workload. This should not impact the faculty member's regular undergraduate advising.
- Heist – It is the faculty member's choice if they want to mentor/advise the students.
- Drake – Is concerned of compensation for the professor teaching the undergraduate course with graduate students in it. They are adding on extra time for the graduate students.
- Davis - You need additional work in order to add to the integrity of the graduate course. Another worry is the curricular piece.
- Heist – These kinds of issues will surface, but may not surface the first year.
- Petrino – Notes that CAS offers additional compensation per graduate student in undergraduate courses that take graduate students.
- Nguyen, as chair of ASCC, will ask for:
 - A resubmission for each of the three concentrations and the 4+1 proposal.
 - An explanation of the funding.

He asks to receive this by April 2.

4. Course Proposals

- a. PH 266 (De)Colonizing the Human

Motion: Brunn-Bevel moves to approve; Drake seconds

Committee Comments:

- This is within Kris' area of expertise.
- They were impressed with the readings.

Vote: All in favor; motion passes unanimously

- b. ENW 224 Introduction to Sports

Motion: LoMonaco moves to approve; Petrino seconds

Committee Comments:

- Impressed with the assignments – a good balance spread across the semester.
- They would like to see the weeks tied to the readings, examples of the articles and scholarly readings.

Motion: Contingent Approval: Committee Request - Flush out how readings are connected to graded units and weeks.

Vote: 7 in favor; motion passes

5. Proposal to changing the Math Major

Professor Christopher Staecker explained that 6-7 years ago, Computer Science transferred out of the Math department into the School of Engineering. The computer science curriculum was changed and a semester program in Python was no longer offered. The Math programming requirement was changed to MA 151, Functional Programming. As math majors should have proficiency in computer programming, the department is now proposing to replace the required course from MA 151 to CS 101, Introduction to Computing. MA 151 will no longer be offered. Python is an industry standard language and is better for the program. The Computer Science Program is now ABET accredited providing us with accountability for this course.

- Drake-inquired about having a requirement for a CAS major in a non-CAS department
- Staecker – clarified that there is precedent as in Business
- The Committee notes it seemed logical and clear. They expressed support for the move.

Motion: Davis moves to approve; Wills seconds

Vote: All in favor; motion passes unanimously

6. Proposal to move the Industrial/Organizational Psychology Master's Program

Professor Margaret McClure informs the Committee that this Master's Program has been housed in the Graduate School of Education and Allied Professions for 20 years. It is currently supported with one full time position (Assistant Professor of the Practice, Paul Maloney) and one half time position (Professor Faith –Anne Dohm). They will both be retiring at the end of the 2018 – 2109 academic year. After a series of discussions between Dean Greenwald, College of Arts and Sciences and Dean Hannafin, Graduate School of Education and Allied Professions, it was decided the Psychology department would offer this degree moving forward. The courses and requirements will remain the same for one or two years. There will be a follow up with a program review/discussion and a meeting with this Committee for approval regarding changes to the program.

- Dean Hannifin - commented that there is a strong job outlook for this small field with an expectation of growth.
- Petrino - noted the clear rationale and research oriented aspects of the program. She liked that the program will be reporting to the Psychology department and that it has a robust enrollment.
- Nguyen stated the presentation was very clear.

Motion: Adrada Rafael moves to approve: Drake seconds

Vote: All in favor; motion passes unanimously

**Move to adjourn: Davis; Adrada Rafeal seconds
All in Favor**

Meeting is adjourned at 5:00 p.m.

Minutes submitted by: Jean Siconolfi