

Development of an Undergraduate Major Committee (DUMC)

December 18, 2018, 12:00-1:00 pm, C123 Plant Sciences

NOTES

Present: Cini, Frank, Franck, Jane, Janet, Paul, Tamla, Todd

***Tasks are assigned to those named in purple bold text.**

Cini, Pankaj, Franck, and Punya will continue to develop the new courses with the goal of having them in CIM by February 1, 2019. Let's shoot for final review and approval of the content to go into CIM at our next meeting, January 17. Please ask for input from committee members as needed.

1. Curriculum edits

- a. Input from faculty
 - i. Add BSPM 102 as AUCC 3A elective options. DUMC consensus that this course should not be a substitute for LIFE 102 because it is a course for non-science majors. However, it could be included as an elective in Group 3 Entomology
- b. Physics required?
 - i. DUMC suggests explore options to include a 3 credit physics course, but not the 2-semester, credit intensive physics option required for the biology major.
- c. Laboratory research required?
 - i. DUMC agreed that laboratory research need not be required, but can be included as an option for the internship.
- d. Additional edits
 - i. Let's start thinking about double majors and how they will articulate with each other

2. Core Course Syllabi/Proposals (Structure-MajorCoreCourses_2018-11-30.pptx) (20 min)

- a. Discussion of components that will build throughout the curriculum (ongoing conversation)
 - i. Leadership
 - ii. Communication
 - iii. Diversity, Inclusivity, Social justice
 - iv. Systems thinking
 - v. Critical thinking
 - vi. Quantitative and analytical skills
- b. We reviewed the current syllabi and SLOs for the core courses
 - i. BSPM 192
 1. Suggestion to include Canvas overview
 - ii. BSPM 1XX
 1. Can leadership training be included as a component of a group project in this course?
 2. Clearly strong on developing quantitative and qualitative reasoning
 3. Coordinate with Franck regarding BSPM 2XX to be sure Introduction to skills is happening in this course and Engagement in BSPM 2XX.
 - iii. BSPM 2XX
 1. Can leadership skills and
 2. Plan to have students evaluate real research papers to practice qualitative and quantitative skills, building upon what was introduced in BSPM 1XX.

3. Coordinate with Vamsi regarding Module 1-research skills in BSPM 1XX
 - iv. BSPM 3XX and BSPM 4XX –
 1. Much remains to be done, but DUMC thought the SLOs and objectives look ok.
3. Transfer student seminar –
 - a. There is a university course for transfer students that we can have students in the major take to help orient them to the university.
 - b. But we will also want to develop a course for transfer students that provides an opportunity for them to integrate into the student cohort, develop their Academic Plan and Career Plan, and get up to speed
4. **Cini** will develop a conceptual model and additional resources regarding systems thinking
5. **Cini** will work with experts in the field to identify components of diversity, inclusivity, and social justice and appropriate places for them to be introduced into the curriculum.
6. Comprehensive Program Proposal Task Interests/Assignments
 - I. Overview
 - **Cini** and **DUMC**
 - II. Fit
 - **Frank** and **DUMC**
 - III. Quantitative Data Supporting Evidence of Need for the Program and Student Demand
 - **Hanover** and **DUMC**
 - IV. Duplication/Similar Programs in the State and Nation
 - **Hanover** and **DUMC**
 - V. Student Body
 - **Hanover** and **DUMC**
 - VI. Program Learning Goals
 - **Cini** and **DUMC** (mostly complete)
 - VII. Continuing Assurance of Student Success and Learning
 - i.e. Program assessment
 - Work with CAS assistant deans
 - **Jane** and **DUMC**
 - VIII. Curriculum
 - **Cini** and **DUMC** (mostly complete)
 - IX. Current Faculty Resources
 - **Amy** and **DUMC**
 - X. Impact of Program on Faculty and Advising
 - **Amy** and **DUMC**
 - XI. Impact of Program on Staff and Graduate Assistants
 - **Amy** and **DUMC**
 - XII. Library Reference Sources
 - **Tamla** and **DUMC**
 - XIII. Facilities, Equipment, and Technology
 - **Todd, Jake Anderson** (Ed Peyronnin)
 - XIV. Summary of Budget Needs

- **Amy** and **DUMC**

XV. Details on Differential Tuition

- **Amy**

7. **Cini** will communicate/meet with Kelly Long regarding timeline for CPP
8. Schedule next meeting will be **Thursday, January 17, 2:30 – 4:00 pm, C123 Plant Sciences**