

COUNCIL ON ACADEMIC AFFAIRS

Ohio Union
Brutus Buckeye Room

December 6, 2023
3-5 PM

MINUTES

Attendance

Faculty:

- ✓ Dr. Carlos Castro (Department of Mechanical and Aerospace Engineering)
- ✓ Dr. Ann Christy (College of Food, Agricultural, and Environmental Sciences)
- ✓ Dr. Samantha Herrmann (Department of Evolution, Ecology, and Organismal Biology)
- ✓ Dr. Wendy Hesford (Department of English)
- ✓ Dr. Tara King (College of Nursing)
- ✓ Dr. Nicole Kwiek (College of Pharmacy)
- ✓ Dr. Fábio Leite (Department of Psychology)
- ✓ Dr. Berry Lyons (School of Earth Sciences)
Dr. Russell Marzette (Department of Mechanical and Aerospace Engineering)
- ✓ Dr. Thomas Nelson (Department of Political Science)
Dr. Sue Sutherland (Department of Human Sciences)

Staff:

Ms. Margo Coates (College of Dentistry)

Students:

- Ms. Emily Johnson (USG, Sociology)
- ✓ Mr. Charlie Mace (CGS, Physics)
Ms. Carrie Anne Thomas (CGS, Teaching and Learning)
- ✓ Ms. Ashley Swisshelm (CGS, Pharmacy)

Administrator:

Dr. W. Randy Smith (Office of Academic Affairs), Vice Chair

Guests:

Dr. Diana Abells (Department of Art)
Ms. Lisa Clouser (Graduate School)
Ms. Lisa Duffy (Office of the University Registrar)
Ms. Jennifer Getson (Department of History)

Dr. Rob Greenbaum (John Glenn College of Public Affairs)
Dr. Laura Lisbon (Department of Art)
Dr. Mark Moritz (Department of Anthropology)
Dr. Emma Read (College of Veterinary Medicine)
Mr. Peter Spreitzer (University Exploration)

The meeting came to order at 3:01 p.m.

COMMENTS FROM THE CHAIR – PROFESSOR FÁBIO LEITE

Leite was unable to attend the Council meeting on November 15, 2023. His updates for that meeting were inserted into the minutes for official record.

The proposal to increase the clinical faculty cap in the Department of Biomedical Informatics will be discussed at the Faculty Council meeting on January 11, 2024. Faculty Council does not vote on proposals from this Council.

Smith is unable to attend today's Council meeting due to a professional conflict. Greenbaum is substituting for him.

INFORMATIONAL ITEMS – PROFESSOR W. RANDY SMITH

- **Change to the Electrical and Computer Engineering undergraduate program – College of Engineering**

The Department of Electrical and Computer Engineering made a change to the Electrical and Computer Engineering undergraduate program. The program will now allow PHILPS 2338 as a required engineering ethics requirement. Adding this course will allow more options for majors.

The Council did not have any questions or concerns.

- **Change to the Environmental Engineering undergraduate program – College of Engineering**

The Department of Civil, Environmental, and Geodetic Engineering revised the Environmental Engineering undergraduate program. The program will remove CBE 5771 as a required course and replace it with ENVENG 5140 as CBE 5771 is no longer offered.

The Council did not have any questions or concerns.

- **Change to the Industrial and Systems Engineering undergraduate program – College of Engineering**

The Department of Integrated Systems Engineering changed the Industrial and Systems Engineering undergraduate program. PUBAFRS 5620 will be removed as a capstone option because the course does not appear to have a design component, which is required by the program's accrediting body. Students will still have four options to choose from to fulfill their capstone requirement.

The Council did not have any questions or concerns.

- **Creation of a non-credit, workforce development certificate program: FANUC Robotics Basic Material Handling Certificate – College of Engineering**

The College of Engineering created a non-credit, workforce development certificate program, entitled, *FANUC (Fuji Automatic Numerical Control) Robotics Basic Material Handling Certificate*. The primary purpose of the certificate program and training is for participants to gain proficiency and knowledge in the application of FANUC robotics to automate processes in industry. Participants will be better equipped to specify robots for certain tasks, program and implement said robots, and maintain and change the robot's operations in a dynamic way as they encounter the natural changes in their field.

To obtain the certificate, participants must do the following: attend all four days of the program; complete all the required lab activities; and complete the final independent project.

The Council did not have any questions or concerns.

- **Modification of Medical Pharmacology Minor – College of Medicine**

The Department of Biological Chemistry and Pharmacology modified the online Medical Pharmacology minor. The total credit hours is increasing from 14 to 15 because a required course (BIOPHRM 5050) is increasing from 2- to 3-credit hours.

The Council did not have any questions or concerns.

- **Update to the combined degree programs in Public Health – College of Public Health**

The College of Public Health (CPH) updated its combined degree programs. The changes will align the program with the Ohio Department of Higher Education's credit hour overlap limit for combined degrees. The changes will be implemented in Autumn 2024.

The Council did not have any questions or concerns.

PROPOSAL FROM SUBCOMMITTEE B – PROFESSORS NICOLE KWIEK, SAMANTHA HERRMANN, AND BERRY LYONS; MS. MARGO COATES; MS. CARRIE ANNE THOMAS

- **Proposal to establish an undergraduate certificate in Wicked Science – College of Arts and Sciences**

Guest: Mark Moritz, Professor, Department of Anthropology

The Department of Anthropology proposes to establish an interdisciplinary undergraduate certificate (types 1a, 1b, and 2) in Wicked Science.

The purpose of the certificate is to train students to become wicked scientists—researchers with the skills and attitudes to tackle wicked problems. This entails that students use a systems-thinking approach that seriously considers the roles, interests, and perspectives of stakeholders, learn to collaborate effectively with stakeholders and team members from diverse backgrounds and experiences, be able to communicate scientific research and ideas to diverse audiences and through different modalities, meet ethical, collegial, and professional expectations and standards in collaborative research and other professional endeavors, and articulate a sense of purpose and develop competencies, skills, and habits that prepare them for life-long learning about and engaging with wicked problems.

Participants must complete a minimum of 12 credit hours (three required courses and two elective courses). Students should be able to complete the certificate in 2-4 semesters.

The Department anticipates an initial enrollment of 10-20 students with a goal of 25-40 student. Students from all colleges can participate in the certificate.

The curriculum is similar to the Graduate Interdisciplinary Specialization (GIS) in Wicked Science that was approved by this Council in Spring 2023.

This certificate is the first such undergraduate program in the United States. Other certificate programs are geared toward graduate students and/or are monodisciplinary.

The Department used a backwards design approach in the program’s design and the assessment plan.

Concurrences were received.

The Council noted that the elective list has courses from across several units. How will the program ensure that all courses—particularly the core courses—will continue to be offered? Moritz responded that the course list will need to be monitored by the administrative team. All courses should be offered for at least the next four years.

The Council asked if other units could submit courses to be added to the elective list. Moritz responded in the affirmative. He also noted that students can petition for a course to be counted towards his/her certificate.

The Council asked if the GIS is going well. Moritz responded that this is the certificate's first semester of offering. There are 3-4 students officially enrolled.

Moritz asked the Council if there are any additional levels of approval needed after this meeting. Leite responded that this is the last step of approval.

The Council remarked that the certificate sounds cool. Kwiek added that the proposal was well-written and could be used as a model for future proposals. She applauded the backward design.

Leite moved approval of the recommendation; it was approved unanimously.

PROPOSAL FROM SUBCOMMITTEE D – PROFESSORS FÁBIO LEITE AND W. RANDY SMITH

- **Proposal to establish an Animation minor – College of Arts and Sciences**

Guests: Diana Abells, Lecturer, Department of Art; Laura Lisbon, Chair, Department of Art

The Department of Art proposes to establish an Animation minor.

The Animation minor is primarily a studio-based curriculum of courses designed to build a portfolio of animation work, developing both creative and technical skills. The minor seeks to hone the varied skillset needed for this complex, time-based art form, mixing drawing, 3D modeling, motion, and storytelling.

Participants must complete a minimum of 15 credits (3-hours of Foundation Courses, 6- to 9-credit hours of Core Courses, and 3- to 6-credit hours of Elective Courses).

The Department anticipates an enrollment of 50-100 students per year. Most students will likely be Art or Computer Science majors. There is a demand for such an offering at Ohio State. The Department surveyed students majoring in Art, Computer Science, and Moving Image Production. 71% of participants indicated that they would be interested in an Animation minor.

Concurrences were received.

Abells noted that the Ohio State offers—through the Advanced Computing Center for the Arts and Design (ACCAD)—the #1 animation program in Ohio despite not having a formal program offering. It will be helpful for students to see the curriculum in a traditional format.

The Council asked if the Department has any thoughts of creating an Animation major. Lisbon responded in the affirmative. If the minor goes well, the Department will likely pursue creating a major. Abells noted that the Department has discussed offering certificate programs, but the Department would need special funding to support classroom needs related to software and hardware.

The Council asked if there were concerns about space if the minor maxes out. Abells responded that the Department would work with ACCAD on space issues. Space/technology needs are always evolving. Also, an increase in enrollment may mean an increase in financial support. The College of Arts and Sciences has expressed support for developing the area.

Abells informed the Council that ACCAD does not offer academic degrees.

The Council asked if students are required to take courses offered by different areas. Lisbon responded that there are no restrictions on what courses students can take. If wanted, they could pursue classes from the same unit.

Leite moved approval of the recommendation; it was approved unanimously.

PROPOSAL FROM SUBCOMMITTEE C – PROFESSORS TARA KING, ANN CHRISTY, RUSSELL MARZETTE, AND TOM NELSON; MR. CHARLIE MACE

- **Proposal to create an undergraduate certificate in Conflict and Diplomacy in History – College of Arts and Sciences**

Guest: Jennifer Getson, Academic Program Coordinator, Department of History

The Department of History proposes to create an undergraduate certificate (types 1a, 1b, and 2) in Conflict and Diplomacy in History.

The certificate in Conflict and Diplomacy in History focuses on interstate cooperation and competition as an engine of historical change. The program will help participants understand how states operate in the world, global power relations, root causes of violence and war, and how states locate paths to peace. Upon completion, students will be better prepared to independently identify the sources of conflict; assess ways that governments use political, economic, and military power to resolve these issues; and analyze how changes to technology and the international system have influenced popular and political views on best methods of conflict resolution.

Participants must complete a minimum of 12 credit hours (one course from Diplomatic Foundations, one course from Military Foundations, and an additional course of the student's choice). Participants will need to complete an e-Portfolio to be evaluated by faculty as well as complete at least 3-credit hours from a non-US course.

The Department anticipates an initial cohort of 40 students.

Concurrences were received.

Getson noted that military and diplomatic courses are popular with students and are areas of particular strength at OSU. All courses in the certificate will be taught by tenured or tenure-track faculty. The popularity of these classes as well as the reputation of faculty may increase student appeal and enrollment.

Getson confirmed that the curriculum can be taken in any order.

The Council asked if the Department is open to adding courses to the elective list. Getson replied in the affirmative. She also noted that students can petition to allow a course to count toward the certificate.

The Council noted that the ePortfolio will help with assessment.

Getson informed the Council that the Department was likely modest with its enrollment anticipation. Courses have plenty of capacity so there is no danger of the certificate closing out.

The Council applauded the Department for requiring students to take a course focusing on international matters.

Leite moved approval of the recommendation; it was approved by all.

The Meeting adjourned at 3:48 p.m.

Respectfully submitted,

W. Randy Smith
Katie Reed