

COUNCIL ON ACADEMIC AFFAIRS

Ohio Union
Student-Alumni Council Room

November 1, 2023
3-5 PM

DRAFT
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 (IPC, Pharmaceutical Sciences)

Administrator:

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

Guests:

Dr. Carri Gerber (Ohio State ATI)
Mr. Cody Grabbe (Office of Undergraduate Admissions)
Dr. Tyler Grassman (Department of Materials Science and Engineering)

Mr. Ryan Hunt (Office of the University Registrar)
Dr. Andrew Martin (College of Arts and Sciences)
Ms. Jeanne Osborne (College of Food, Agricultural, and Environmental Sciences)
Ms. Rosie Quinzon-Bonello (College of Engineering)
Dr. Emma Read (College of Veterinary Medicine)
Mr. Peter Spreitzer (University Exploration)
Dr. Bernadette Vankeerbergen (College of Arts and Sciences)
Dr. Shannon Washburn (Department of Agriculture, Communication, Education and Leadership)
Dr. Ningchuan Xiao (Department of Geography)

The meeting came to order at 3 p.m.

COMMENTS FROM THE CHAIR – PROFESSOR FÁBIO LEITE

Leite announced that there is still one faculty spot available on the Graduate School / CAA Combined Curriculum Committee. Email Leite if you have any interest or questions.

The Council discussed a proposal from the Department of Biomedical Informatics to increase its clinical faculty cap at its meeting on October 18, 2023. The proposal was tabled so that the Department could provide some additional information to the Council. Since that meeting, Leite and Smith confirmed with Helen Malone, Vice Provost for Academic Policy and Faculty Resources, that the clinical faculty cap does not apply to the College of Medicine. Leite and Smith will meet with the proposers to assist with answering the Council's questions.

The Council also discussed S/U (satisfactory/unsatisfactory) limits related to certificates at its meeting on October 18, 2023. Smith will discuss this topic with the college curricular deans at their monthly meeting on November 14, 2023. Vankeerbergen added that the College of Arts and Sciences Curriculum Committee will discuss this topic at its meeting on November 3, 2023.

Leite announced that he will miss the Council meeting on November 15, 2023, due to a professional engagement.

COMMENTS FROM THE VICE CHAIR – PROFESSOR W. RANDY SMITH

The University's Annual Assessment Conference was on October 27, 2023. The morning plenary session focused on how the Big Ten Pharmacy Network collaborates on outcomes assessment. The afternoon plenary session with four department chairs focused on the role of assessment in academic units. Smith thanked Martin and the rest of the Planning Committee for their work on the conference.

The Office of Academic Affairs conducts academic program reviews of each unit academic unit to identify unit-level strengths, issues, and steps to advance its strategic goals. Reviews are conducted on

an 8-year cycle for departments or schools and a 10-year cycle for colleges that are a single TIU. The following units have been reviewed so far in Autumn 2023: Biomedical Engineering and Pathology.

Academic program development work continues at the University. Groups are working on a revision to the entrepreneurship minor, the creation of an interdisciplinary major in Game Studies, and the development of an IT pathway between Columbus State Community College and Ohio State.

The Ohio Department of Higher Education is hosting a meeting on November 3, 2023, to continue the discussion between the 4-year institutions and 2-year institutions on transfer issues related to Anatomy and Physiology courses.

Jason Lemon, Vice Provost and Dean for Online Learning, gave an online learning presentation at the University Senate meeting on October 26, 2013. Lemon's goal is to expand beyond our current online program offerings, that are largely at the graduate level. Smith will invite Lemon to an upcoming Council meeting to discuss next steps with online.

INFORMATIONAL ITEMS – PROFESSOR W. RANDY SMITH

- **Update to the Moving-Image Production major**

The Department of Theatre, Film, and Media Arts updated its Moving-Image Production major. ACCAD 5100 will move from a major requirement to an elective option for students.

The Council did not have any questions or concerns.

- **Revision to the Vocal Pedagogy Section of the Bachelor of Music in Voice degree – College of Arts and Sciences**

The School of Music revised the Vocal Pedagogy Section of the Bachelor of Music in Voice degree. The School found content overlap between MUS2263.02 and MUS3315. The overlapped content will be removed from MUS3315, which will result in a decrease in credit hours. Since the content is considered foundational material, MUS2263.02 will now be a required course in the program.

The Council did not have any questions or concerns.

- **Changes to the combined BSBA/MAcc program – Fisher College of Business**

The Department of Accounting and Management Information Systems (ACCTMIS) changed the combined Bachelor of Science in Business Administration / Master of Accounting (BSBA/MAcc) program to comply with the requirements from the Ohio Department of Higher Education (ODHE) and the Graduate School. Changes include the following:

1. Classes taken in the Graduate Program should substitute no more than 9 credit hours of the undergraduate curriculum.
2. There will be an exit path offered to the students to leave the program with only a BSBA degree.
3. There will be a threshold time by which students will have completed their undergraduate requirements.
4. The students in the combined degree program will be charged undergraduate tuition for the first MAcc semester, and graduate MAcc tuition thereafter.

The Council did not have any questions or concerns.

- **Update to the Sustainable Agriculture major – College of Food, Agricultural, and Environmental Science**

The Department of Horticulture and Crop Science updated the Sustainable Agriculture major. ENR/AEDECON 2500 was replaced by ENR/AEDECON 2501, which necessitates an adjustment to the credit hours in the Production Electives group to maintain the overall credit hours in the major.

The Council did not have any questions or concerns.

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

- **Proposal to revise the Bachelor of Science in Geographic Information Science – College of Arts and Sciences**

Guest: Ningchuan Xiao, Professor, Department of Geography

The Department of Geography proposes to revise the Bachelor of Science in Geographic Information Science (GIS).

The revisions are a result of curriculum gaps identified during a recent program review. The review team felt that the following areas were lacking in the GIS major: Knowledge Economy, Domain Applications, and Geographic Information Science and Technology. Improvements to these areas will better prepare students for the workforce.

There are three proposed revisions to the GIS major:

1. A refocused scaffolding of required and elective courses.
2. Inclusion of courses that meet the GE embedded literacies.
3. The addition of a new course to address the identified gaps in the curriculum.

The total number of credit hours remains the same.

The Department would like these changes to go into effect in Spring 2024. All students declaring BS-GIS as their major in or after Spring 2024 will use the new curriculum. Current students will follow the current curriculum (substitutions can be made if approved by advising staff).

Subcommittee B had concerns that a student could potentially take more than 50% of their courses online. The Department provided a list of courses and their modes of delivery. While the department does offer a variety of modes, a student could only take a maximum of 41% of their courses online—and that amount is unlikely. Xiao added that the Department has no plans to offer the major online.

Subcommittee B noted that the assessment plan is still in development. The Subcommittee would like to encourage the Department to complete its work on the plan.

The Council asked if a geography course can truly fulfill the Embedded Literacy of Advanced Writing requirement. Martin responded that the College and Department deemed the course acceptable. The College will assess the new General Education program at some point. While the GE is still new, some Departments are already making changes to their embedded literacies to better meet requirements. Xiao added that the course (GEOG 5101) requires a lot of writing.

Xiao confirmed that students will be exposed to different GIS software programs throughout the major.

Spreitzer noted that there are several required courses in the Department of Computer Science and Engineering (CSE), and CSE courses often have waitlists. Will GIS majors have access to these courses? Xiao responded that this has not been an issue so far. If the issue arises, Geography will reach out to CSE. Martin added that the College of Arts and Sciences is having conversations about offering CSE content within the college.

Leite noted that this proposal was originally on the agenda of the meeting on October 18, 2023, but it was tabled over Subcommittee C's concerns with the possibility that the major could possibly be completed online without having approval to have the program offered online. He added that this is an issue that needs to be tackled by the University. What happens if a program does not have online approval, but a student can complete more than 50% of the program online? How—and who—monitors this? Smith responded that the college curricular deans are discussing this at their monthly meeting on November 14, 2023. Smith will report back as discussions occur.

Smith informed the Council that the Department has been a national leader in GIS for decades. It is good to see that the program continues to progress.

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

PROPOSAL FROM SUBCOMMITTEE A – PROFESSORS SUE SUTHERLAND AND WENDY HESFORD; MS. EMILY JOHNSON AND MS. ASHLEY SWISSHELM

- **Proposal to revise the Agriscience Education major – College of Food, Agricultural, and Environmental Sciences**

Guests: Jeanne Osborne, Assistant Dean, College of Food, Agricultural, and Environmental Sciences; Shannon Washburn, Chair, Department of Agriculture, Communication, Education and Leadership

The Department of Agriculture, Communication, Education and Leadership proposes to revise the Agriscience Education major leading to the Bachelor of Science in Agriculture.

The primary rationale for the proposed revision is to provide a curriculum that will prepare students for a career as an agriscience educator, based on updated standards for teacher preparation and feedback from current practitioners and industry partners. Updates are being made to major coursework, FAES (Food, Agricultural, and Environmental Science) content electives, and the Production Agriculture minor. Changes include the addition and removal of courses as well as moving courses to new categories (i.e., move a course from FAES content electives to major coursework).

There is no net overall change in credit hours to complete the degree. The number of credits required in the Production Agriculture minor will reduce from 16 to 15.

There is no change to the assessment plan on record. There are also no impacts to current students or teaching licensure.

The Department would like these changes to go into effect in Autumn 2024.

Smith reminded the Council that teacher preparation is not limited to the College of Education and Human Ecology at Ohio State. Several other colleges offer teacher preparation programs, including Arts and Sciences and Food, Agricultural and Environmental Sciences. Smith co-chairs the University Teacher Educator Council (UTEC). UTEC gathers all the teacher preparation programs together several times a year.

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

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

- **Proposal to create an undergraduate certificate (type 1a) in Feed Mill Operations – College of Food, Agricultural, and Environmental Sciences**

Guests: Carri Gerber, Associate Director, Ohio State ATI; Jeanne Osborne, Assistant Dean, College of Food, Agricultural, and Environmental Sciences

Ohio State ATI proposes to create an undergraduate certificate (type 1a) in Feed Mill Operations.

The Certificate in Feed Mill Operations is designed to provide a foundation in animal feed milling technology. The objectives of the certificate are for the student to acquire an understanding of the function of a modern feed mill, to learn procedures to assist in operating a feed mill, to learn procedures to assist in operating a feed mill, and to apply academic skills to the challenges of operating a manufacturing facility. Students will learn theoretical and practical knowledge as well as technical skills.

The certificate is a result of requests from the agriculture industry to have employees who have an educational background in feed milling because mills are becoming more complex as technology expands.

Participants will need to complete a minimum of 13 credit hours. All courses are delivered in-person. Students will complete a practicum at the CFAES Feed Mill.

One instructor will need to be hired to be able to offer the certificate. ATI provided a fiscal impact document, which included this expense.

The certificate will not be formally assessed, but the certificate's courses will be assessed.

Osborne noted that the three new courses are pending approval by the Registrar's Office.

The Council did not have any questions or concerns.

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

- **Proposal to establish an undergraduate certificate in Semiconductor Processing and Manufacturing Technologies – College of Engineering**

Guest: Tyler Grassman, Associate Professor, Department of Mechanical and Aerospace Engineering

The Department of Mechanical and Aerospace Engineering proposes to establish an undergraduate certificate in Semiconductor Processing and Manufacturing Technologies. The certificate will be jointly administered by the Department of Electrical and Computer Engineering (ECE).

The proposed certificate will provide a mechanism for undergraduate students in engineering, math, and other physical sciences to demonstrate competency in semiconductor processing and fabrication methods and technologies to potential employers. There is local (Intel) and nationwide interest in acquiring skills in semiconductors, semiconductor devices, and the science and technologies behind their manufacturing.

Participants must complete a minimum of 13 credit hours. No new courses are needed as all are currently being offered. Most courses are offered in-person.

Intel provided a letter of support.

Grassman informed the Council that the proposers tried to include as many academic units as possible in their course lists. Christy recommended that Grassman contact the Department of Food, Agricultural, and Biological Engineering about adding some of their courses to the elective list.

Grassman stated that any physical science-based major should be able to complete the certificate. Some students may be able to obtain the certificate by double-counting courses from their major.

The Council asked if there are any concerns about waitlist issues with in-demand courses. Grassman responded that there is some concern about a specific ECE courses that requires a specific room. If there is a bottleneck with that course, then ECE will look into offering more sections.

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

- **Proposal to revise the Earth Sciences minor – College of Arts and Sciences**

Guest: None

The School of Earth Sciences proposes to revise the Earth Sciences minor.

The proposed changes are the request of the introduction of a new 4-credit hour course, Earth Science 2122, which replaced two existing 1000-level Earth Science courses in the recently revised Earth Science major. The proposes changes to the minor move Earth Science 2122 from a prerequisite of the minor to a core course or an additional course in the minor. In addition, biological sciences or chemistry prerequisites have been added to several of the minor's subprograms.

The credit hours for the minor are unchanged except in two specializations. The Geoarchaeology subprogram is moving from 13 to 12 credit hours and the Geochemistry subprogram is moving from 15 to 12 credit hours.

Leite informed the Council that Subcommittee D submitted a few questions to the proposers prior to today's meeting, which were answered by the proposers (the answers are included in the proposal PDF).

The Council did not have any questions or concerns.

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

The Meeting adjourned at 4:05 p.m.

Respectfully submitted,

W. Randy Smith
Katie Reed