

UCUI Minutes

November 1, 2022
(9-11 am virtual)

Attendees: Kristin Landis-Piwowar, Kathy Dailey (Scribe), Marouane Kessentini (Presenter), Debatosh Debnath (Presenter), Ambika Bhargava, Theresa Anasti, Cheryl Jusela, Chhabi Govind, Donna Free, Joshua Haworth, Mario Scibilia, Melanie Chamberlain, Richard Olawoyin, Sam Rosenthal, Sara Webb, Tricia Westergaard, Jen Condron Thor, Irene Shabazz

Absent: Emily Spunaugle (out of the country), Nicole Boelk

1. Meeting Minutes from October 18, 2022

Motion: Jenn Thor, Second: Cheryl Jusela

Approved

OLD BUSINESS: INFORMATION

OLD BUSINESS: ACTION

2. Curriculum Definitions for Governance Draft- Kristin Landis Piwowar

- Top 3 definitions will be discussed
- Hoping to vote at the next meeting

3. Early Childhood Education, B.S. Proposal for a new program, Department of Human Development and Child Studies, School of Education and Human Services (Ambika Bhargava and Darlene Grooms)

Updated documents per UCUI's requirement to move forward (reference UCUI minutes 10/18/22)

- COMMENT: Catalog Copy 10-21-22- To earn the BS degree, the OU residency credit is in error - the OU residency is now 45 so please update from 32 to 45 credits.
- COMMENT: Second Degree portion - Change to "consult the second degree portion of the catalog"

NEW BUSINESS: INFORMATION

NEW BUSINESS: ACTION

4. Computer Science, Combined B.S. and M.S. Program Modification

Proposal, Department of Computer Science and Engineering, School of Engineering & Computer Science - Marouane Kessentini and Debatosh Debnath

- Presented and Reviewed Items 4-9
- See notes below Item 9

5. Computer Science, B.S. Cybersecurity, M.S., Combined B.S. and M.S. Modification Proposal, Department of Computer Science and Engineering, School of Engineering & Computer Science - Marouane Kessentini and Debatosh Debnath

- Presented and Reviewed Items 4-9
- See notes below Item 9

6. Information Technology, B.S. Computer Science, M.S., Combined B.S. and M.S. Modification Proposal, Department of Computer Science and Engineering, School of Engineering & Computer Science - Marouane Kessentini and Debatosh Debnath

- Presented and Reviewed Items 4-9
- See notes below Item 9

7. Information Technology, B.S. Cybersecurity, M.S., Combined B.S. and M.S. Modification Proposal, Department of Computer Science and Engineering, School of Engineering & Computer Science - Marouane Kessentini and Debatosh Debnath

- Presented and Reviewed Items 4-9
- See notes below Item 9

8. Computer Science, B.S. Software Engineering and Information Technology, M.S., Combined B.S. and M.S. Modification Proposal, Department of Computer Science and Engineering, School of Engineering & Computer Science - Marouane Kessentini and Debatosh Debnath

- Presented and Reviewed Items 4-9
- See notes below Item 9

9. Information Technology, B.S. Software Engineering and Information Technology, M.S., Combined B.S. and M.S. Modification Proposal, Department of Computer Science and Engineering, School of Engineering & Computer Science - Marouane Kessentini and Debatosh Debnath

- Presented and Reviewed as combination of related proposals
- Creating paths based on needs of the students for 2 BS degrees combined with 3 MS degree options each (6 total paths)
- Double counting 12 credits is allowed
- COMMENT: The proposals need to display the clarity of the two BS pathways to the three Masters
- COMMENT: The main catalog copy should describe the 6 pathways.
- COMMENT: Agenda Item #4 #5 - confusion from catalog language submitted in Curriculog / how is this different from the Cybersecurity combined program language
- RESPONSE: Conversations with Grad indicated the recommendation to include language that any additional, relevant programs would be able use the 12 cross

listed courses rather than coming through for approvals - ie: use generic language for ease of future changes

- RESPONSE: Cross listed courses do not show a student a clear path / missing language in the catalog copy that indicates a specific pathway for a student - there needs to be a flow for an undergrad student to pursue each BS/MS uniquely - it needs to include the language that demonstrates specifics (link via chat: https://catalog.oakland.edu/preview_program.php?catoid=57&poid=10731)
- RESPONSE: Although there are advisers, the clarity for students and faculty needs to be outlined with language to guide students in a straightforward manner

- COMMENT: We want to be flexible for the students. There is a concern for the amount of time changing the curriculum will take
- COMMENT: Coding DegreeWorks is not easily managed in the way that this is presented
- COMMENT: What is the key difference between research track and professional track
- RESPONSE: The masters thesis requirement (research) vs taking additional courses (professional track)
- COMMENT: Some clarity for students is needed to explain the amount of credits necessary / this is for financial aid purposes - needs to be spelled out in the degree audit and DegreeWorks / financial aid needs to know which degree the student is pursuing
- RESPONSE: The 12 courses are listed. Students need to take 3 out of the 12
 - Students have a large list of eligible of courses; advisers will help direct students to the specific courses
 - The idea was to allow more flexibility for students + recommended from Grad School
- COMMENT: Suggestion to list all of the cross listed courses but indicate the 12 credits (3 courses) that are preferred
- RESPONSE: The addition of the specific courses can be added (department agreement)
- COMMENT (#6-#7): Requesting more differentiation between the two / further clarification is requested
- COMMENT: Explain how this will affect the accreditation
- RESPONSE: This will not have an affect the accreditation process (ABET); focus on adding specific topics and requirements at the graduate level
- COMMENT: Flexibility concern - flexibility is better for the student balanced against the need for the university to be specific
- RESPONSE: It appears that what is being presented as being flexible is actually misdirected to indicate the 3 courses needed
- RESPONSE: Expertise in the different areas are actually relevant for industry needs / no box fits all/ want to encourage students to take specific courses but advisers work with students to meet their own specific goals
- COMMENT: The issue is that a student could take 3 courses and then “not be approved” for a pathway

- COMMENT: Support for some flexibility for students in today's world is attractive to best fit a student's goal
- COMMENT: Provide language of "recommendations" to students that could solve the issue / provide to students without a restrictive process
- RESPONSE: Industry advisory board is where the recommendations are coming from / upscaling and changing career paths
- COMMENT: From the U/G perspective, the Registrar is on board; the clarification from the Grad side is necessary / benefit for financial aid covering the 12 credit hours / seeking Grad assurance
- COMMENT: Computer Science is growing enrollment and continuing their focus on growth and industry needs
- COMMENT: Proactive discussion and appreciation for presentation

Motion: Richard Olawoyin, Second: Joshua Haworth

Approved to move forward (with agreement to move these modifications through governance together)

It is UCUI's suggestion that the department provide updated catalog copy that outlines more detail in which courses are recommended for each specific pathway.

10. Artificial Intelligence Minor Proposal for a new minor, Department of Computer Science & Engineering, School of Engineering & Computer Science - Marouane Kessentini

- Created for students to move into the AI field
- COMMENT: Why is AI not a required course? What is the difference between the minor and specialization in AI?
- RESPONSE: AI is not a required course because the 3 courses listed provide the required exposure to AI and provides more flexibility for students
- RESPONSE: A specialization can be completed with fewer credits than a minor / minor is more suited for students who cannot do a specialization within their major / this minor is not restricted to a student population and open to any student with any major
- COMMENT: There are restrictions to some of the courses
- RESPONSE: All of the 3000 and 4000 courses are restricted to students in the department / students can take with permission / designed to reach students in other depts / this is how it is done with other minors
- COMMENT: Prerequisites will be required
- RESPONSE: yes, there will be a verification that the student is not a SECS student / as well as verification that prerequisites have been met
- COMMENT: The catalog copy does not reflect the prerequisites / consider adding
- RESPONSE: A sentence will be added that clarifies the prerequisites.
- COMMENT: Proposal of 20 credits for minor / major is 128 credits / how popular will this minor be with this high credit requirement? Do these courses double count between minor and major?

- RESPONSE: 8 credit hours can be double counted within SECS / committee is exploring the 12 credit hour option
- RESPONSE: The policies and governance guidelines around credit hours will also help align this purpose

Agenda item will be sent to UCUI for electronic vote

11. Computer Science, B.S., Specialization in Artificial Intelligence Proposal for a new specialization, Department of Computer Science and Engineering, School of Engineering & Computer Science - Marouane Kessentini

- COMMENT: Confirmation of specialization - major will be Computer Science with a Specialization in AI / does this align with the specialization?
- RESPONSE: There will be a different code and the naming in the catalog copy does follow the requirement / confirmed
- COMMENT: The specialization does not include the same 2 courses as the minor - how is a student prepared
- RESPONSE: This is for computer science and the 2 courses will be required for their program
- COMMENT: Credit requirements - how can a student go wrong and how do we avoid this?
- RESPONSE: It is in the 3 - 3 credit hour courses (128 credits) / if they follow 3 - 4 credit hour courses (131 credits) / specific language and guidance is given and encouragement to meet with dept advisers
- COMMENT: Suggested language to say "a minimum of 128 credits" only
- RESPONSE: Agreement to make this change

Agenda item will be sent to UCUI for electronic vote

12. Information Technology, B.S., Specialization in System Administration Proposal for a new specialization, Department of Computer Science and Engineering, School of Engineering & Computer Science - Marouane Kessentini

- No Discussion

Agenda item will be sent to UCUI for electronic vote

ADJOURN

Due to the meeting running long, there was no longer a quorum, and a motion and second to adjourn was implied.