

UCUI Minutes

March 21, 2023
9-11 am (ZOOM)

COMMITTEE MEMBERSHIP

Attendees: Mario Scibilia (Chair for Kristin Landis-Piwowar), Kathy Dailey (Scribe), Chhabi Govind, Yan Li, Mario Scibilia, Ginnie Uhley, Sunwoo Shin, Cheryl Jusela, Richard Olawoyin, Jennifer Cordon Thor, Jimena Garcia, Samuel Rosenthal, Donna Free, Beth Dawson (presenter), Spunaugle, Shabazz, Maurane Kessentini (presenter), Debatosh (presenter), Cynthia Carver (presenter), Fabia Battistuzzi (presenter)

Absent: Kristin Landis-Piwowar, Theresa Anasti, Tricia Westergaard, Sara Webb, Emma Garret, Melanie Chamberlain, Joshua Haworth,

1. Meeting Minutes from March 7, 2023

Motion: Y Li, Second: R. Olawoyin

Approved

OLD BUSINESS: INFORMATION

OLD BUSINESS: ACTION

2. Undergraduate Definitions Updates - Kristin Landis-Piwowar

- DRAFT - Policy for Undergraduate Credit for Prior Learning (moving to Senate Steering on March 14 and Univ Senate on March 16)
 - Moving forward to the April Senate meeting for a second reading and vote
- DRAFT - Policy for Badging and Micro-credentials
 - 1. [Structure - Badging Categories](#)
 - 2. [Policy](#)
 - COMMENT: GVSU - Micro-credentialing does not happen until the entire course is completed / as it is written, this is not required
 - COMMENT: GVSU - Students have to apply for micro-credentials - it doesn't just happen
 - RESPONSE: Support for this as a student would not drop a course after 3 weeks / strongly consider
 - COMMENT: Application process - should this be added as a section?
 - COMMENT: Is micro credentialing allowed for courses for degree seeking students or all students? Or how will badging be added upon completion?
 - COMMENT: Is there an additional cost for badging? (fee free institution)
 - RESPONSE: Support and interest for this policy

This will be sent out for UCUI email vote.

- [DRAFT - Policy for Definition of Certificate](#)

This will be sent out for UCUI email vote.

- [DRAFT - Policy for Definition of Major-dependent Concentration](#)

This will be sent out for UCUI email vote.

- [DRAFT - Policy for Definition of Concentration](#)

This will be sent out for UCUI email vote.

- [Curriculums Definitions Comparison](#) (view only)

NEW BUSINESS: INFORMATION

3. UCUI Processes and Input / Campus Info - Kristin Landis Piwowar

NEW BUSINESS: ACTION

4. Proposal for a new Bachelor of Science in Data Science, Department of Computer Science and Engineering, School of Engineering and Computer Science - Marouane Kessentini and Debatosh Debnath

- Presentation was shown and discussed
- New program was designed to meet the demand for jobs in the US with continued growth rates
- Satisfied latest ABET accreditation
- Program is flexible to add specialization in four-year course plan
- There are 5 new CSE courses / requires 128 credits: CSI 2810 /CSI/ 3820/ CSI 3860 / CSI 4820 / CSI 4990
- COMMENT: Support for the program / Data Science has been a large focus of ABET for several years / if a student changes major, how will this affect a student and other departments who will lose students?
- RESPONSE: There is an expectation that some students will transfer and are excited about this option, but the data from other institutions indicates this is a major opportunity for our students
- RESPONSE: Many students are looking for this major or the option of data science as a double major
- COMMENT: 120 credits is the number required for other universities / why are specializations not an option? Recruitment - how does OU compete? If we are

recruiting just within OU that is one instance, but how does OU compete outside of our own institution?

- RESPONSE: Plan is draw students from our local community - keep students interested in Data Science here instead of losing them to Univ of Mich Dearborn / MSU
- RESPONSE: (1) Conversations with students led us to create this specialized degree - retention (2) Presented to industry advisory board indicates a need to expand our programs (3) Recent market studies indicate more needs of specialized degrees in addition to specializations only
- COMMENT: How does this program differ from existing programs? What specific new courses have been added that make this an impactful program - are you bringing in new courses to create additional skills? What is the advantage of pursuing this at OU?
- COMMENT (via chat): What is the difference between the new program in Data Science vs the existing program, for example, quantitative data science? There may be a similar course in SBA programs. 2) What specific courses are added, 3) why not reduce total credits to make it more attractive than opting for ABET accreditation.
- COMMENT: Applications Section (128 credits) - application area can range from 6-14 credits and it is listed as 8 credits / suggestion to mention this in the gen ed section rather than naming the 8 credits / consideration of transfer credits/ could someone graduate with 126 credits?
- RESPONSE: Dept would like to keep it at 128 credits and 1-2 credit (programming) courses are available to meet the credit requirement / there is value in these courses / SECS indicating these courses will be adjusted on application area of proposal
- COMMENT: What is the difference between the new program in Data Science vs the existing program, for example, quantitative data science? There may be a similar course in SBA programs.
- RESPONSE: The new Data Science, B.S. will be focusing on programming, data modeling, data visualization, and data mining compared to Quantitative Data Science that will focus on statistical analysis aspects of data science (note: The QDS is still under the approval process in the dept.) This is consistent with the programs at other institutions including U of M Ann Arbor.
- RESPONSE: SECS collaborative with Math dept making sure the programs are differentiated / learned from other universities that offer (4) data sciences and are in alignment with their programs
- COMMENT: What specific courses are added
- RESPONSE: (5) courses listed in presentation: CSI 2810 /CSI 3820/ CSI 3860 / CSI 4820 / CSI 4990
- COMMENT: why not reduce total credits to make it more attractive than opting for ABET accreditation
- RESPONSE: The programs in the dept are all ABET accredited
- RESPONSE: Dept will continue to work on gen ed requirements and do acknowledge there are opportunities to reduce overall credits and continue to

align the number of credits to the program / specialized courses will be required to increase skills that are needed in the market

Will return to UCUI at the next meeting for discussion.

5. Proposal for a new Integrated Science, pre-Secondary Education, B.A. Program; Department of Physics, College of Arts and Sciences - Fabia Batistuzzi

- Purpose is the need to modify the current STEP programs in Bio, Chem, Physics / approach needs to align with the State requirements for middle school and high school teachers
- State seeking integrated science degree in one program
- This has been designed with the (3) programs / curriculum includes core courses + physical sciences required by state
 - Core competencies are outlined by the State (MDE)
 - Depts aligned their required courses to meet the competencies
- Created for students interested in secondary education can then transition into the MATSE program as required by the State
- Name would be changing - agreement to Integrated Science for Educators, B.A.
 - Dept suggested this be named Integrated Science, B.A.
 - This would provide an offramp for students who decide not to take the education route
 - 12 science courses are required
- COMMENT: Should this be listed as a B.S. over a B.A?
- RESPONSE: Designed as a B.A. because there are a few upper level courses in the sciences whereas a B.S. have a stronger upper level course requirement (labs) / 12 credits of education would leave this as a B.A.

Motion: C. Jusela, Second: Y. Li

Approved with updated documents submitted to UCUI prior to moving forward in governance. (name change, correction to remove B.S. language, UAC template, Proforma)

6. Modification to rename and adjust coursework for the Mathematics STEP B.S./B.A. program to Mathematics, pre-Secondary Education B.A. program to meet new State certification requirements for STEP; Department of Mathematics and Statistics, College of Arts and Sciences - Darrell Schmidt

- Separates Math B.A.
- Curriculum does not change
- Packaging of coursework is changing to align with MDE State requirements

Motion: Emily Spunaugle, Second: C. Jusela

Approved with updated documents submitted to UCUI prior to moving forward in governance

7. Modification to rename and adjust coursework for the Mathematics STEP B.S./B.A. program to Mathematics, pre-Secondary Education B.S. program to meet new State certification requirements for STEP; Department of Mathematics and Statistics, College of Arts and Sciences - Darrell Schmidt

- Separates Math B.S.
- Curriculum does not change
- Packaging of coursework is changing to align with MDE State requirements

Motion: Y. Li, Second: E. Spunaugle

Approved with updated documents submitted to UCUI prior to moving forward in governance

8. Modification to rename and adjust coursework for the History, STEP to Social Studies with History, pre-Secondary Education, B.A. to meet new State certification requirements for STEP programs; Department of History, College of Arts and Sciences - Liz Shesko

- Curriculum does not change
- Packaging of coursework is changing to align with MDE State requirements

Motion: J. Cordon Thor , Second:E. Spunaugle

Approved with updated documents submitted to UCUI prior to moving forward in governance

9. Modification to rename and adjust coursework for the English, STEP to English Language Arts, pre-Secondary Education, B.A. to meet new State certification requirements for STEP programs; Department of English, College of Arts and Sciences - Amanda Stearns-Pfeiffer

- Curriculum does not change
- Packaging of coursework is changing to align with MDE State requirements

Motion: E. Spunaugle, Second: C Jusela

Approved with updated documents submitted to UCUI prior to moving forward in governance

10. Proposal for a Secondary Teacher Education Program (STEP) Combined Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) to a Masters of Arts in Teaching in Secondary Education (M.A.T.S.E.) for the 2023-24 Undergraduate Catalog which reflects the new State certification requirements, Departments of English, History, Mathematics, Physics; College of Arts and Sciences AND Department of Teacher Development and Child Studies, School of Education and Human Services - Cynthia Carver and Beth Dawson

- State has changed how teachers are certified

- Currently there are two pathways (undergraduate or masters) moving these two programs that combined courses / this new State requirement has allowed us to better sequence and connect courses to meet student needs and requirements
- This has been in design for 3 years
- These are combined programs
- Each of these proposals will be broken into individual proposals for each but the curriculum will be the same (4 proposals total for combined-Math BA,BS, English, SS)

Motion: Y. Li , Second: E. Spunaugle

Approved with updated documents submitted to UCUI prior to moving forward in governance. (The Combined Integrated Science for Educators, B.A. to MATSE will need to return to UCUI after approval of the Integrated Science for Educators, B.A. is approved through proper governance.)

ADJOURN

Motion: Y. Li, Second: G. Uhley