

University of Wisconsin-Milwaukee
Graduate Curriculum Committee (GCC)

Tracy Boyer, Chair

Thursday, September 9, 2021

MEETING MINUTES

Members Present: John Boyland, Tracy Ann Boyer, Woonsup Choi, Jennifer Gutzman, Teresa Johnson, Katie Vater

Absent: Alessandra Gillen (Graduate School);

Guests: Konstanin Sobolev (College of Engineering and Applied Science); Dave Clark (College of Letters and Science); Suzanne Boyd (College of Letters and Science); Jeb Willenberg (College of Letters and Science); Jeff Hawkins (School of Education); Dietmar Wolfram (School of Information Studies); Susan Mcroy (College of Engineering and Applied Science); Jun Zhang (College of Engineering and Applied Science); Lorena Terando (College of Letters and Science); John Jordan (College of Letters and Science); Carol Klingbeil (College of Nursing); Ethan Munson (College of Engineering & Applied Science); James Hardy (Lubar School of Business); Mark Srite (Lubar School of Business); Jennifer Doering (College of Nursing); Natalie Chin (Registrar's Office); Kristin Sziarto (College of Letters & Science); Tiffany Nation (Graduate School); Jason Puskar (Graduate School); Joan Hayes (Grad Ed); Bonita Tasman-Klein (Graduate School)

I. Call to Order

Meeting called to order at 12:30 p.m.

II. Announcements

There were no announcements.

III. 2020 – 2021 GCC Annual Report

A motion was made and seconded to approve the 2020 – 2021 annual report. Motion passed unanimously.

IV. Automatic Consent

A. Approval of Meeting Minutes from **April 29, 2021** and **May 6, 2021**

B. Course Action Requests (See accompanying chart in **SharePoint:**

<https://panthers.sharepoint.com/sites/GSOR/GCC/GCCDocuments/Forms/GCC%20Docs%20%20All%20%20By%20AY.aspx>)

Course	Action	Type of Change
ART 495	Change	Re-Takeable Credits, Course Rules, Prerequisites
COMPSCI 458	Change	Grading Options, Description, Course Rules, Prerequisite
COMPSCI 732	Change	Prerequisite
ENGLISH 380	Change	Description, Course Rules, Prerequisite
ENGLISH 394	Change	Title, Description, Course Rules, Prerequisite
FILMSTD 383	Change	Title, Description, Course Rules, Prerequisite:
FILMSTD 395	Change	Title, Description, Course Rules, Prerequisite
FILMSTD 412	Change	Title, Description, Course Rules, Prerequisite
FILMSTD 669	Change	Course Rules, Prerequisite
GEOG 462	Discontinue	Discontinue
INFOST 425	Discontinue	Discontinue
INFOST 897	New	Independent Study
KIN 703	Change	Title, Prerequisite
LINGUIS 450	Change	Title, Description
LINGUIS 750	Change	Title

MATH 305	Change	Prerequisite
MATH 431	Change	Course Rules, Prerequisite
MATH 451	Change	Course Rules, Prerequisite
THEATRE 359	Change	Prerequisite

V. New Business

A. New/Substantially Revised Courses

BUS ADM 767

This course has been offered in Fall '19 and Fall '20 and is being offered in Fall '21 as a special topic. It was recently added as a requirement for the Master of Science in Management – Marketing, and it is now part of the curriculum for the Master of Science in Data Science degree that is being planned for a Fall '22 start. The course therefore needs to be scheduled as a regularly offered course rather than as a special topics one.

GCC Feedback: Required: (1) Course title and number -- add BUS ADM 767 (add number). (2) Missing Class meeting times and location(s). (3) Missing short description of course objectives that may include the catalog description. (4) Clear statement that the course is online or blended. – could be clearer at the beginning. (5) Missing required and recommended readings, with full citations. (6) Missing assignment policies (late penalties, scope, size, etc.). (7) Grading policies, including the weight given to each graded component – missing detail – how to grade a “group”? (8) Missing-Specific information on the investment of time by the average student necessary to achieve the learning goals of the course in accordance with the campus credit hour policy, Faculty Document #2338. (9) Missing special out-of-class requirements (computers, software, field trips, etc. What is needed for the on-line course? What are computer requirements for participating in course? (10) Missing attendance requirements. (11) Missing University policies: <http://uwm.edu/secu/syllabus-links/>. (12) Missing Department policy/links.

Recommended: (1) Missing makeup policy. (2) Minimum technical requirements, e.g., computer configuration, any necessary hardware or software. – not stated. This is hinted at, but the necessary computer skills for course should also be specified more clearly. (3) Description of the necessary computer skills for success in the course – not stated. (4) Contact information for technical help – not provided. (5) Specification of course interactions could be clearer (hinted at in “how to attend class” section. (6) Missing items 3-6 -- There is no clear indication of how materials will be provided, i.e., canvas, email? other website. -- There is no clear statement of how the course will meet, i.e., on zoom or MS teams. 3. Specification of course interactions: • Between the instructor and students (e.g., e-mail, CANVAS discussion, phone, Skype, voiceover slides, etc.). • Between students, for any asynchronous or synchronous discussions (e.g., CANVAS, Skype, social media site, --course should state synchronous • Between the students and the course content (e.g., CANVAS discussion, UWM or external Web sites, etc.). 4. Minimum technical requirements, e.g., computer configuration, any necessary hardware or software. 5. Description of the necessary computer skills for success in the course. 6. Contact information for technical help: UWM Help Desk: 229-4040 help@uwm.edu GetTechHelp.uwm.edu

Suggested: (1) Description could offer more detail/information.

A motion was made and seconded to contingently approve the course. Motion passed unanimously.

CIV ENG 455

A clear reason for this action was not stated on the CIM form or during the meeting. The program was asked to revise and provide a clear statement of the reason for action for requesting this new course on the CIM form.

GCC Feedback: Required: (1) Revise the Reason for Action on the CIM form appropriately. (2) Revise the description on CIM form appropriately. (3) Description seems to be a misinterpretation. It is not about the course and should be re-written to

describe actual course content. Revise description in Syllabus. (4) Class meeting times and location(s);--put a placeholder for location. (5) A chronology of topics, including approximate due dates and exam dates, including the final examination date and time. (6) Readings are given in required texts and additional reading, but it is not clear where the assigned readings will occur with the topics. (7) Time investment adds to 127 hours, not 144 hours for a 3 credit course -- "Specific information on the investment of time by the average student necessary to achieve the learning goals of the course in accordance with the campus credit hour policy, Faculty Document #2838."(8) University policy link in outdated , replace with "<http://uwm.edu/secu/syllabus-links/>".

Recommended: (1) Add dates for last two required readings. (2) The ways the grad students' work differs from the undergraduates' work could be much clearer (There is no differentiation in the credit hour / workload, either). It does appear that at least 1/3 of the grad students' assignments are ones that the undergrads do not have to do, but descriptions of those assignments are needed. Need more detail here -- grad student work needs to be more clearly explained. -what is the term paper? -what is the project? -how are they graded? -how do these graded items compare to the Undergrad "topic presentation"? (3) Page 2-Where will students get the 5 required software programs? (4) Is there a lab loaded with these or to be purchased? (5) What are the requirements for computing?

A motion was made and seconded to contingently approve the course. Motion passed unanimously.

CIV ENG 477

A clear reason for this action was not stated on the CIM form or during the meeting. The program was asked to revise and provide a clear statement of the reason for action for requesting this new course on the CIM form.

GCC Feedback: Required: (1) Revise the Reason for Action on the CIM form appropriately. (2) Revise the description on CIM form appropriately. (3) Course description is a misinterpretation and needs to be re-written to describe course content for the public (4) Revise description in Syllabus. (5) Class meeting times and location(s);-- put a placeholder for location. (6) A chronology of topics, including approximate due dates and exam dates, including the final examination date and time. (7) Dates missing on some readings. (8) Add readings in chronology -Why is there a separate suggested list? Is it truly optional (Same comment for Civ Eng 455)? (9) Why are there 18 weeks in the semester? (10) Assignment policies could be clearer (scope, size). (11) As with 455, is the investment of time the same the UG and G? (12) Time investment is 127 hours, should be 144 for a 3 credit class -- In accordance with the campus credit hour policy, Faculty Document #2838". (13) Update university policy link. University Policies. : <http://uwm.edu/secu/syllabus-links/>.

Recommended: (1) As with CIV ENG 455, a description of the assignments that differentiate between the grad and undergrad work is needed. (2) Coursework assigned exclusively to graduate students that accounts for at least a third of their grade. --this section is unclear under "grading policy". (3) Please differentiate and explain the grad student term paper and project presentation versus the undergraduate topic presentation. (4) How will these items be evaluated? (5) Please elaborate on generally available software/labs, location, and price, etc.

A motion was made and seconded to contingently approve the course. Motion passed unanimously.

CIV ENG 557

A clear reason for this action was not stated on the CIM form or during the meeting. The program was asked to revise and provide a clear statement of the reason for action for requesting this new course on the CIM form.

GCC Feedback: Required: (1) Revise the Reason for Action on the CIM form appropriately. (2) Revise the description on CIM form appropriately. (3) Course description is a misinterpretation and needs to be re-written to describe course content for

the public (4) Revise description in Syllabus. (5) Required and recommended readings, with full citations --text book does not have full citations -full citations are missing from reading list with syllabus -how accurate is the attached list of readings/citations. (6) Same comments on grading policies / workload for graduates as other CIV ENG courses (make clearer what is different for grads). (7) Time investment is 127 hours, should be 144 for a 3 credit class -- In accordance with the campus credit hour policy, Faculty Document #2838". (8) Refine and narrow Department links needed? (9) Update university policy link. University Policies. : <http://uwm.edu/secu/syllabus-links/>.

Recommended: (1) Same comment as for other CIV ENG courses – grad work assignments should be described to better explain how they differ from UG assignments. (2) Coursework assigned exclusively to graduate students that accounts for at least a third of their grade. -more information is needed to differentiate work by grads and undergraduates. -Details describing differences in: UG Topic Presentations versus G Term research projects and Terms papers is needed.

A motion was made and seconded to contingently approve the course. Motion passed unanimously.

CIV ENG 577

A clear reason for this action was not stated on the CIM form or during the meeting. The program was asked to revise and provide a clear statement of the reason for action for requesting this new course on the CIM form.

GCC Feedback: Required: (1) Revise the Reason for Action on the CIM form appropriately. (2) Revise the description on CIM form appropriately. (3) Course description misinterpretation needs to be re-written to describe course for the public. (4) Revise description in Syllabus. (5) Class meeting times and location(s);--put a placeholder for location. (6) A chronology of topics, including approximate due dates and exam dates, including the final examination date and time missing. (7) Assignment policies could be clearer (scope, size). (8) Missing full citations for additional readings. (9) Clarify if they are optional or required readings. (10) Dates missing on some readings. (11) As in prior 3 syllabi, recommend adding blow by blow readings in the chronology and probably putting the list of topics, chronology, and readings all in one table as they are the same list. (12) Readings should be added to lecture outline. (13) Correct time investment from 127 to 144. Time investment "workload hours" should add up to at least 144 hours for a 3 hour course -- "Specific information on the investment of time by the average student necessary to achieve the learning goals of the course in accordance with the campus credit hour policy, Faculty Document #2838." (14) Missing Department policy links. (15) Update university policy syllabus links to <http://uwm.edu/secu/syllabus-links/>".

Recommended: (1) Coursework assigned exclusively to graduate students that accounts for at least a third of their grade. -more information is needed to differentiate work by grads and undergraduates. (2) Details describing differences in: UG Topic Presentations versus G Term research projects and Term papers is needed. (3) How are these assignments evaluated?

A motion was made and seconded to contingently approve the course. Motion passed unanimously.

PSYCH 814

The program is requesting to create a new course to promote the development of cultural humility and cultural competency for clinical psychologists in training.

GCC Feedback: Required: (1) Class meeting times and location -- location missing/TBD.

Suggested: (1) How will course credit be determined? 1-2 credits stated? 1.5 in syllabus? (2) Add PM after 1-1:50. (3) Can remove TA section since it appears that no TA will be needed.

A motion was made and seconded to contingently approve the course. Motion passed unanimously.

B. Program Changes

1. Adult-Gerontology Acute Care Nurse Practitioner, Graduate Certificate

The program change is requesting updates to the program description and admission requirements to better align with program.

A motion was made and seconded to approve this program change. Motion passed unanimously.

2. Biomedical and Health Informatics, PhD

The program change is requesting change to the minimum TOEFL score to align with the Graduate School (<http://uwm.edu/cie/international-admissions/application-requirements/graduate-english-proficiency-requirement/>). Change copy from: For applicants who intend to satisfy the English proficiency requirement by submission of test scores, a score of at least 250 on the computer-based (or 600 on the paper-based) Test of English as a Foreign Language (TOEFL) is required. A score of 6.5 on the international English Language Testing Systems (IELTS) examination will be required in lieu of the TOEFL. To: For applicants who intend to satisfy the English proficiency requirement by submission of test scores, a score of at least 79 on the computer-based Test of English as a Foreign Language (TOEFL) IBT is required. A score of 6.5 on the international English Language Testing Systems (IELTS) examination will be required in lieu of the TOEFL.

A motion was made and seconded to approve this program change. Motion passed unanimously.

3. Business Administration, MBA

The program change request to update the language in sub note 2 to indicate certificates rather than concentrations.

A motion was made and seconded to approve this program change. Motion passed unanimously.

4. Clinical Nurse Specialist, Graduate Certificate

The program change requests updates to the certificate descriptions and admission requirement to better align with program.

A motion was made and seconded to contingently approve this program change based on the requested revision to add a line under “Theory” courses immediately above the 704 and 706 classes to state “Select one of the following two courses”. Motion passed unanimously.

5. Family Nurse Practitioner, Graduate Certificate

The program change requests updates to the certificate description and admission requirements to better align with the program.

A motion was made and seconded to approve this program change. Motion passed unanimously.

6. Library and Information Science, MLIS: Public Library

The program change requests the addition of elective course INFOST 647 to be used as an elective in the concentration. Approved at SOIS Faculty Council on 11/30/20.

A motion was made and seconded to approve this program change. Motion passed unanimously.

7. Nursing Practice, DNP

The program change requests updates to admission requirements. Per S. Wolf, removing the following sentence from the admission requirements for clarification purposes: “The deficiencies are monitored by the Graduate School and the individual graduate program unit”. This change was approved to be made administratively by T. Nation 3/22/21.

A motion was made and seconded to approve this program change. Motion passed unanimously.

8. Nursing Practice, DNP: Clinical Nurse Specialist

The program change requests changes in order to view more accurately on website. A motion was made and seconded to approve this program change. Motion passed unanimously.

9. Psychiatric Mental Health Nurse, Graduate Certificate

The program change requests updates to the certificate descriptions and admission requirements for better clarification and alignment with program.

A motion was made and seconded to approve this program change. Motion passed unanimously.

10. Geography, PhD

The program change is requests to change number and composition of committee members for preliminary exams and defense.

A motion was made and seconded to approve this program change. Motion passed unanimously. There was one abstain by Woonsup Choi due to representing the program change and answering the questions of the committee.

11. Mathematics, MS: Statistics

The program change is requests to correct an error that was made when the text was placed into CIM – students should take either 535 or 631 plus 632 and they should take either 768 or 571.

A motion was made and seconded to approve this program change. Motion passed unanimously.

12. Urban Education, PhD: Art Education

The program change is requests temporary suspension of program due to lack of faculty resources.

A motion was made and seconded to approve this program change. Motion passed unanimously.

13. Urban Education, PhD: Educational Administration

At the request of the program, this program change was pulled from the agenda. This program change request was not reviewed by the committee.

14. Professional Writing and Communication, Graduate Certificate

The program change is requesting due to the faculty stopping the admits students a couple of years ago following changes to the English MA and PhD. As of March 2021, the program has decided to inactive the certificate (communication with Kristie Hamilton on 3/1/2021 by Kristin Sziarto). Effective Date: Fall 2021.

A motion was made and seconded to approve this program change. Motion passed unanimously.

15. Architecture, MArch

The program change is requesting change to admission requirements: 1. Elimination of Graduate Record Examination (GRE). This new policy responds to these trying times calling for more diverse, equitable, and inclusive graduate education. Historically, standardized tests, including the GRE, have disadvantaged underrepresented students (The Atlantic, 2016). Recognizing the barriers imposed by the GRE requirement in our admissions and awards process, the Department modified its policy in order to remove barriers and strive to make progress towards the program's mission to enhance the quality of life and social equity of all. 2. Other changes are editorial only.

A motion was made and seconded to approve this program change. Motion passed unanimously.

16. Architecture, MS

The program change is requesting change to admission requirements: 1. Elimination of Graduate Record Examination (GRE). This new policy responds to these trying times calling for more diverse, equitable, and inclusive graduate education. Historically, standardized tests, including the GRE, have disadvantaged underrepresented students (The Atlantic, 2016). Recognizing the barriers imposed by the GRE requirement in our admissions and awards process, the Department modified its policy in order to remove barriers and strive to make progress towards the program's mission to enhance the quality of life and social equity of all. 2. Other changes are editorial only.

A motion was made and seconded to approve this program change. Motion passed unanimously.

17. Advanced Computational Imaging, Graduate Certificate

The program change is requesting the administrative migration of the admission requirements for this program from the catalog to CIM. No changes were made to this content.

A motion was made and seconded to approve this program change. Motion passed unanimously.

18. Teaching of English to Speakers of Other Languages and Applied Linguistics, MA

The program change is requesting to change the required total credit hours from 33 to 30 and to update required/electives courses lists.

A motion was made and seconded to approve this program change. Motion passed unanimously.

19. Rhetorical Leadership, Graduate Certificate

The program change is requesting to add COMMUN 874 to the list of elective; remove the words "title change pending" after COMMUN 735, Rhetorical Theory; removing the text on internships. The first of these changes were approved in the Graduate Faculty document 1390 but not entered into the catalog at that time.

A motion was made and seconded to approve this program change. Motion passed unanimously.

20. Communication, PhD: Rhetorical Leadership

The program change is requesting to add and revised the program electives and to make changes to that were approved in 2015 but were never added to the catalog: replacing COMMUN 972 with 973 and removing the footnote.

A motion was made and seconded to approve this program change. Motion passed unanimously.

21. Communication, MA: Rhetorical Leadership

The program change is requesting to add and revised the program electives and to make changes to that were approved in 2015 but were never added to the catalog: replacing COMMUN 972 with 973 and removing the footnote.

A motion was made and seconded to approve this program change. Motion passed unanimously.

C. New Degree, Certificate, or Concentration

1. Artificial Intelligence (AI) and Machine Learning (ML), Graduate Certificate

The Artificial Intelligence (AI) and machine learning (ML), the technical foundation for the now familiar buzz words such as "data science" and "big data," are revolutionizing our lives and economy. As a result, there has been a great increase in the interest in AI and ML education inside universities and across many sectors of the economy, including agriculture, health care and manufacturing. Indeed, many (if not all) sectors of the economy, not just the Tech sector, now need workers with relatively deep knowledge and advanced skills in AI/ML. To address such needs, we propose a 15-credit graduate certificate in AI/ML, consisting of two required foundation courses and three elective course from a number of application areas. This certificate is aimed

at both degree-seeking graduate students and working professionals who want to learn new technical skills, and to make it easier for the latter, we plan to develop asynchronous online versions of the course in addition to their in-persons or synchronous online versions.

A motion was made and seconded to approve this new program. Motion passed unanimously.

VI. Multidisciplinary Committee-Directed PhD Proposal

A motion was made and seconded to approve the requested proposal and application of David Farnsworth for the Multidisciplinary Committee-Directed PhD. Motion passed unanimously.

VII. Information Only

The notice of intent for the PhD in Mechanical Engineering and the MS in Data Science were information only.

IX. Information Only – GCC Chair Summer Approvals

Automatic consent course change of INFOST 670 and program changes for Information Studies, PhD, English, MA and English, PhD were information only to inform the committee of GCC Chair approvals conducted over the summer.

X. Other Business

There was no other business.

XI. Adjournment

The meeting adjourned at 1:56 p.m.