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GRADUATE COUNCIL AGENDA
JANUARY 18, 2024
1:00 PM

110 GRINTER HALL

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I.   ACTION ITEMS:

1. Minutes from the December 14, 2023, Graduate Council Meeting (Enclosure 1).

CERTIFICATES:

2. The Wertheim College of Engineering seeks to modify the curriculum for the graduate certificate in Engineering Leadership (#18936). Dr. Bill McElroy will be present for discussion (Enclosure 2).

3. The Wertheim College of Engineering seeks to modify the curriculum for the graduate certificate in Engineering Project Management (#18937). Dr. Bill McElroy will be present for discussion (Enclosure 3).

CONCENTRATIONS:

4. The College of Agricultural and Life Sciences seeks to create an online graduate concentration in Microbial and Cellular Data Science for the Doctor of Philosophy (Ph.D.) (#18948). Dr. Eric Triplett will be present for discussion (Enclosure 4).

5. The College of Pharmacy seeks to close the graduate concentration in Personalized Medicine for the Master of Science in Pharmacy (M.S.P) with a major in Pharmaceutical Sciences (#19120). Dr. Oliver Grundmann and Ms. Emely McKitrick will be present for discussion (Enclosure 5).

NOMINATING COMMITTEE:

6. Establish a nominating committee to assist in creating the ballot for new members to serve on the Graduate Council for 2024-2027.

II.   INFORMATION ITEM / ADMINISTRATIVE ACTIONS:

7. Graduate Curriculum Committee – December Minutes and January Agenda (Enclosure 6).

8. Graduate Programs – Distance or Self-Supporting – (No new items)

9. Graduate Student Success Center
*   Late hires for spring semester: Graduate School will review petitions for GA late hires through January 26. After that, they will be reviewed by Provost.
*   January is Mentoring Month we have Mentoring Panel and a Speaker closing out the month.
*   Graduate Student Appreciation Week is April 1-5 with Graduate Research Day on April 2.

III. DISCUSSION ITEMS:

    10. I-20 Process- Admissions Timing. Dr. Marta Wayne, Ms. Martine Angrand and/or Ethel Dolores will be present for discussion.

    11. Proposal from the College of Health and Human Performance for an online Ph.D. in Health and Human Performance: Concentration in Executive Sport Business. Dr. George Cunningham will be present for discussion.

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GRADUATE COUNCIL MINUTES
DECEMBER 14, 2023
1:00 PM

110 GRINTER HALL
Teleconference (Via Zoom)

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MEMBERS PRESENT: Dr. Nicole Stedman (Chair), Dr. J.C. Bunch, Dr. James Essegbey, Dr. Hitomi Greenslet, Dr. Kristin Larsen, Dr. Michael Martinez, Dr. Corene Matyas, Dr. Connie Mulligan, Dr. K. Ramesh Reddy, Dr. Aner Sela, Dr. Marta Wayne, Kevin Senior (GSC rep), and Jasleen Kaur (GSC alternate)

MEMBERS ABSENT: Dr. Linda Bloom and Dr. Joni Williams Splett

GUESTS PRESENT: Joe Aufmuth (College of Agricultural and Life Sciences), Dr. Casey Bullock (University Registrar), Dr. Larisa Cavallari (College of Pharmacy), Diana Hull (Office of the Registrar), Dr. Thomas Knight (College of Liberal Arts and Sciences), Dr. Evan Kropp (College of Journalism and Communications), Dr. Maria Leite (Academic Affairs), Dr. Johnathan Orsini (Office of the Provost/Teaching and Technology), Dr. Tobin Shorey (Undergraduate Curriculum Committee), Ashley Tidwell (Office of Admissions), Dr. Eric Triplett (College of Agricultural and Life Sciences), and Dr. Nancy Waldron (College of Education)

STAFF PRESENT: Dr. Tom Kelleher, Gann Enholm, Megan Lewis, Hannah Potter, Frankie Tai (Recording), Dr. Judy Traveis, Patty Van Wert, and Stacy Wallace

The meeting was called to order at 1:02 p.m.

Dr. Stedman welcomed everyone to this month's meeting of the Graduate Council and gave a brief summary of the pending proposals to be presented to the Council. (Prior to calling the meeting to order, Dr. Stedman informed everyone that today's Zoom meeting was being recorded.)

I.   **ACTION ITEMS:**

1. Minutes from the November 16, 2023, Graduate Council Meeting. A motion to approve was made, seconded, and passed unanimously.

    CERTIFICATE:

2. The College of Agricultural and Life Sciences seeks to close the graduate certificate in Geographic Information Systems (#19018). Joe Aufmuth was present (via Zoom) for discussion. A motion to approve was made, seconded, and passed unanimously, with a proposed effective date of earliest available.

    CONCENTRATIONS:

3. The College of Liberal Arts and Sciences seeks to create a graduate concentration in Econometric and Data Analysis for the Master of Arts (M.A.) (#18890). Dr. Thomas Knight was present for discussion. A motion to approve was made, seconded, and passed unanimously, with a proposed effective date of earliest available.

4. The College of Education seeks to participate in the existing interdisciplinary concentration in Clinical and Translational Science for the Doctor of Philosophy (Ph.D.) with a major in Special Education (#18927). Dr. Nancy Waldron was present (via Zoom) for discussion. A motion to approve was made, seconded, and passed unanimously, with a proposed effective date of earliest available.

5. The College of Agricultural and Life Sciences seeks to create an online graduate concentration in Microbial and Cellular Data Science for the Doctor of Philosophy (Ph.D.) (#18948). Dr. Eric Triplett was present (via Zoom) for discussion. Questions were raised regarding the credit amount, and it was suggested that the documents highlight the concentration portion of the curriculum. A motion to table was made, seconded, and passed unanimously.

DEPARTMENT:

6. The College of Pharmacy seeks to create the Department of Pharmacy Education and Practice (#18949). Dr. Larisa Cavallari was present (via Zoom) for discussion. A motion to approve was made, seconded, and passed unanimously, with a proposed effective date of earliest available.

POLICY:

7. Special members for supervisory committees.
Dr. Kelleher shared documents with the group outlining a process and policy changes that allow for special appointments to be made internally by units without formal graduate school tracking. A motion to approve was made, seconded, and passed unanimously.

8. Graduate Curriculum Committee composition and appointment process.
Dr. Kelleher shared documents with the group outlining a proposed process for appointment Graduate Curriculum Committee members. It was suggested that a statement be added to note that the Dean can fill temporary vacancies. The revised language reads, "Graduate Curriculum Committee faculty members serve three-year terms, staggered so that two members' terms end at the end of each academic year. New members are nominated by the Graduate Council and appointed by the Dean of the Graduate School. A member who serves one three-year term may be re-appointed by the Dean of the Graduate School to a second term. Any temporary vacancies may be filled by the Dean of the Graduate School with consent of the council." A motion to approve was made, seconded, and passed unanimously.

9. Master's degree acknowledgement (MDA)
Dr. Kelleher shared the updated documents with the group outlining the proposed process and policy for a master's degree acknowledgement (MDA). Specifically, approved catalog language states, "Course requirements for doctoral degrees vary from field to field and from student to student. In all fields, the Ph.D. degree requires at least 90 credits beyond the bachelor's degree or a minimum of 60 credits beyond an accredited and awarded master's degree…" The new policy proposes to acknowledge the content, level, relevancy, and contribution of a student's prior earned master's degree earned at a non-UF institution or another field of study within UF to the specific student's doctoral program of study at the University of Florida. Academic unit program faculty must complete a holistic review of the individual's official records and transcripts to specifically evaluate the previously awarded master's degree. A motion to approve was made, seconded, and passed unanimously.

II.   INFORMATION ITEM / ADMINISTRATIVE ACTIONS:

10. Graduate Curriculum Committee – November Minutes and December Agenda.

11. Graduate Programs – Distance or Self-Supporting – (No new items)

Dr. Jonathan Orsini shared that the Office of Distance Learning's review group has begun meeting and they should have some items to present in January.

12. Graduate Student Success Center
- Grad Start for new spring admits canvas course opened on December 4 and the live orientation session will be January 4th
- Late hires for spring semester
- January is Mentoring Month
- Graduate Student Appreciation Week is April 1-5 with Graduate Research Day on April 2

Dr. Traveis was present to share updates for the Graduate Student Success Center.

III. **DISCUSSION ITEM**:

13. Graduate Certificates and master's Admissions. Dr. Evan Kropp was present for discussion. Discussed options for students who don't meet the minimum threshold for acceptance into a master's program but are proving success in certificate programs.

14. SB 846 – General discussion about how this legislation affects international graduate student funding and admissions at the university.

The meeting adjourned at 2:49 p.m.

Certificate|Close-Modify for request 18936

Info
Request: Modify the Curriculum of the Graduate Engineering Leadership Certificate
Description of request: The Wertheim College of Engineering seeks to modify the curriculum of the graduate certificate in Engineering Leadership.
Submitter: William Mcelroy mcelrowj@eng.ufl.edu
Created: 1/5/2024 3:24:15 PM
Form version: 5

Responses
Current Certificate Name

Engineering Leadership

Effective Term
Select the requested term and year that the certificate change(s) will first be implemented. Selecting "Earliest" will allow the change to be effective in the earliest term after full approval.

Earliest Available

Effective Year

Earliest Available

Requested Action

Other (selecting this option will open additional form fields below)

Change Certificate Name?

No

Change Certificate Name on Transcript?

No

Change Credit Hours?

No

Change Certificate Description?

No

Change Certificate Prerequisites?

No

Change Certificate Requirements?

Yes

Current Requirements

Grades of B or better must be obtained in all the certificate-based courses. (All are existing courses).
Required Courses:
EGS 6039 - Engineering Leadership - 3 credit hours and letter-graded;
and
EGS 6681 - Advanced Engineering Leadership* - 3 credit hours and letter-graded

And one of the following:
EGS 6626 - Fundamentals of Engineering Project Management - 3 credit hours and letter-graded;
or
EGN 6640 - Entrepreneurship for Engineers - 3 credit hours and letter-graded;
or
EGN 6642 - Engineering Innovation -3 credit hours and letter-graded
* EGS 4038, EGS 6039 or instructor approval is a prerequisite

Proposed Requirements

Grades of B or better must be obtained in all the certificate-based courses. (All are existing courses).
Required Courses:
EGS 6039 - Engineering Leadership - 3 credit hours and letter-graded;
and
EGS 6681 - Advanced Engineering Leadership* - 3 credit hours and letter-graded
* EGS 4038, EGS 6039 or instructor approval is a prerequisite

And one of the following:
EGS 6626 - Fundamentals of Engineering Project Management - 3 credit hours and letter-graded; or
EGN 6640 - Entrepreneurship for Engineers - 3 credit hours and letter-graded; or
EGN 6642 - Engineering Innovation -3 credit hours and letter-graded; or
EGS 6629 - Agile Project Management for Engineers and Scientists - 3 credit hours and letter- graded; or
EGN 6933 (special Topics) - Technology, Policy and Regulation - 3 credit hours and letter-graded

Additionally, certificate-seeking students must complete an assessment prior to requesting the award of the certificate, pursuant to the certificate academic assessment plan.

Impact on Program

The proposed changes are intended to expand the number of graduate students applying to pursue the certificate and comply with the academic assessment plan.

Rationale for Proposed Change(s)

The proposed changes are intended to expand the number of graduate students applying to pursue the certificate and comply with the academic assessment plan.

Assessment Data Review
Describe the Student Learning Outcome and/or program goal data that was reviewed to support the proposed changes.

The academic assessment plan has a goal of increasing enrollments in the certificate program each academic year, and the proposed changes should assist in meeting the goal.

Academic Assessment Plan Changes
Describe the modifications to the Academic Assessment Plan that result from the proposed change. These changes must be approved by the Academic Assessment Committee. A separate request must be completed for this, which can be found here: https://approval.ufl.edu/start-new-request/modify-aapslo-gradpro/

A request to modify the SLOs and the assessment approach in the current academic assessment plan has been filed.

Graduate Certificate in Engineering Leadership

Current Requirements	Proposed Requirements
Grades of B or better must be obtained in all the certificate-based courses. (All are existing courses).	Grades of B or better must be obtained in all the certificate-based courses. (All are existing courses).
Required Courses:	**Required Courses:**
EGS 6039 - Engineering Leadership (3 credit hours, letter-graded)	EGS 6039 - Engineering Leadership (3 credit hours, letter-graded)
EGS 6681 - Advanced Engineering Leadership* (3 credit hours, letter-graded)	EGS 6681 - Advanced Engineering Leadership* (3 credit hours, letter-graded)
And one of the following:	* EGS 4038, EGS 6039, or instructor approval is a prerequisite
EGS 6626 - Fundamentals of Engineering Project Management (3 credit hours, letter-graded)	**And one of the following:** EGS 6626 - Fundamentals of Engineering Project Management (3 credit hours, letter-graded)
EGN 6640 - Entrepreneurship for Engineers (3 credit hours, letter-graded)	EGN 6640 - Entrepreneurship for Engineers (3 credit hours, letter-graded)
EGN 6642 - Engineering Innovation (3 credit hours, letter-graded)	EGN 6642 - Engineering Innovation (3 credit hours, letter-graded)
* EGS 4038, EGS 6039, or instructor approval is a prerequisite	EGS 6629 - Agile Project Management for Engineers and Scientists (3 credit hours, letter-graded)
	EGN 6933 - Technology, Policy, and Regulation (Special Topics) (3 credit hours, letter-graded)
	Additionally, certificate-seeking students must complete an assessment prior to requesting the award of the certificate, pursuant to the certificate academic assessment plan.

Certificate|Close-Modify for request 18937

Info
Request: Modify the Curriculum of the Engineering Project Management Graduate
Certificate **Description of request:** The Wertheim College of Engineering seeks to modify
the curriculum of the graduate certificate in Engineering Project Management.
Submitter: William Mcelroy mcelrowj@eng.ufl.edu
Created: 1/5/2024 3:45:11 PM
Form version: 4

Responses
Current Certificate Name

Engineering Project Management

Effective Term
*Select the requested term and year that the certificate change(s) will first be implemented.
Selecting "Earliest" will allow the change to be effective in the earliest term after full
approval.*

Earliest Available

Effective Year

Earliest Available

Requested Action

Other (selecting this option will open additional form fields below)

Change Certificate Name?

No

Change Certificate Name on Transcript?

No

Change Credit Hours?

No

Change Certificate Description?

No

Change Certificate Prerequisites?

No

Change Certificate Requirements?

Yes

Current Requirements

Grades of B or better must be obtained in all the certificate-based courses. (All are existing courses).
Required Courses:
EGS 6626 - Fundamentals of Engineering Project Management - 3 credits and letter-graded
EGS 6628 - Advanced Practices in Engineering Project Management* - 3 credits and letter- graded

And one of the following:
EGS 6629 - Agile Project Management for Engineers and Scientists - 3 credits and letter-graded
ESI 6323 - Models for Supply Chain Management - 3 credits and letter-graded
EIN 6510 - Principles of Manufacturing System Engineering - 3 credits and letter-graded
ESI 6555 - Systems Management - 3 credits and letter-graded
CCE 5035 - Construction Planning and Scheduling - 3 credits and letter-graded
EML 6324 - Fundamentals of Production Engineering - 3 credits and letter-graded

* EGS 6626 is a prerequisite for EGS 6628

Proposed Requirements

Grades of B or better must be obtained in all the certificate-based courses. All are existing courses.
Required Courses:
EGS 6626 - Fundamentals of Engineering Project Management - 3 credits and letter-graded
EGS 6628 - Advanced Practices in Engineering Project Management* - 3 credits and letter-graded
* EGS 6626 is a prerequisite for EGS 6628

And one of the following:
EGS 6629 - Agile Project Management for Engineers and Scientists - 3 credits and letter-graded
ESI 6323 - Models for Supply Chain Management - 3 credits and letter-graded
EIN 6510 - Principles of Manufacturing System Engineering - 3 credits and letter-graded
ESI 6555 - Systems Management - 3 credits and letter-graded
CCE 5035 - Construction Planning and Scheduling - 3 credits and letter-graded

EML 6324 - Fundamentals of Production Engineering - 3 credits and letter-graded
EGN 6640 - Entrepreneurship for Engineers - 3 credits and letter-graded
CGN 5606 - Public Works Management - 3 credits and letter-graded

Additionally, certificate-seeking students must complete an assessment prior to requesting award of the certificate, pursuant to the certificate academic assessment plan.

Impact on Program

The proposed changes are intended to expand the number of graduate students applying to pursue the certificate and comply with the academic assessment plan.

Rationale for Proposed Change(s)

The proposed changes are intended to expand the number of graduate students applying to pursue the certificate and comply with the academic assessment plan.

Assessment Data Review
Describe the Student Learning Outcome and/or program goal data that was reviewed to support the proposed changes.

The academic assessment plan has a goal of increasing enrollments in the certificate program each academic year, and the proposed changes should assist in meeting the goal.

Academic Assessment Plan Changes
Describe the modifications to the Academic Assessment Plan that result from the proposed change. These changes must be approved by the Academic Assessment Committee. A separate request must be completed for this, which can be found here: https://approval.ufl.edu/start-new-request/modify-aapslo-gradpro/

A request to modify the SLOs and the assessment approach in the current academic plan has been filed.

Graduate Certificate in
Engineering Project Management

Current Requirements	Proposed Requirements
Grades of B or better must be obtained in all the certificate-based courses. (All are existing courses). **Required Courses:** EGS 6626 - Fundamentals of Engineering Project Management (3 credits, letter-graded) EGS 6628 - Advanced Practices in Engineering Project Management* (3 credits, letter-graded) **And one of the following:** EGS 6629 - Agile Project Management for Engineers and Scientists (3 credits, letter-graded) ESI 6323 - Models for Supply Chain Management (3 credits, letter-graded) EIN 6510 - Principles of Manufacturing System Engineering (3 credits, letter-graded) ESI 6555 - Systems Management (3 credits, letter-graded) CCE 5035 - Construction Planning and Scheduling (3 credits, letter-graded) EML 6324 - Fundamentals of Production Engineering (3 credits, letter-graded) * EGS 6626 is a prerequisite for EGS 6628	Grades of B or better must be obtained in all the certificate-based courses. (All are existing courses). **Required Courses:** EGS 6626 - Fundamentals of Engineering Project Management (3 credits, letter-graded) EGS 6628 - Advanced Practices in Engineering Project Management* (3 credits, letter-graded) * EGS 6626 is a prerequisite for EGS 6628 **And one of the following:** EGS 6629 - Agile Project Management for Engineers and Scientists (3 credits, letter-graded) ESI 6323 - Models for Supply Chain Management (3 credits, letter-graded) EIN 6510 - Principles of Manufacturing System Engineering (3 credits, letter-graded) ESI 6555 - Systems Management (3 credits, letter-graded) CCE 5035 - Construction Planning and Scheduling (3 credits, letter-graded) EML 6324 - Fundamentals of Production Engineering (3 credits, letter-graded) EGN 6640 - Entrepreneurship for Engineers (3 credits, letter-graded) CGN 5606 - Public Works Management (3 credits, letter-graded) **Additionally, certificate-seeking students must complete an assessment prior to requesting award of the certificate, pursuant to the certificate academic assessment plan.**

Concentration|New for request 18948

Info
Request: Proposed Ph.D. Concentration in Microbial and Cellular Data Science
Description of request: The College of Agricultural and Life Sciences seeks to create an online graduate concentration in Microbial and Cellular Data Science for the Doctor of Philosophy (Ph.D.)
Submitter: Eric Triplett ewt@ufl.edu
Created: 1/8/2024 8:46:24 AM
Form version: 4

Responses
Proposed Action
Choose to add a new concentration if the concentration has never been offered before. In this case documentation of consent from all participating departments must be submitted. OR,
Choose to participate in an existing concentration if the concentration has already been approved. In this case documentation of consent from all departments offering the major must be submitted.

Create a Concentration

Note that documents can be uploaded on the next page or after the request has been initiated.

Degree Level
Indicate the degree level in which to add the concentration.

D - Doctoral Degree

Thesis or Non-Thesis
is this concentration for a thesis or non-thesis degree?

Thesis

Concentration Name
Enter the name of the concentration. Example: "Mathematical Modeling" or "Ecological Restoration".

Microbial and Cellular Data Science

Credits
Enter the number of credits for the concentration. Note: as a guideline only, graduate concentrations typically range from 9-21 credits (9-12 for master's degrees, or 9-21 for doctoral degrees).

18

Effective Term
Enter the term (semester and year) that the concentration would start.

Earliest Available

Effective Year

Earliest Available

Students
Enter the expected number of new students enrolled in this concentration in the first three years.

20

Percentage of Credits Available Fully Online
Indicate the percentage of course credits that will be available through fully online courses.

100%

Percentage of Credits Available Off-Campus
Indicate the percentage of course credits that will be available away from the main Gainesville campus (including courses with onsite & off main campus meetings).

50% or more

Is this an additional (secondary) concentration?

No

All Department/Degree/Majors Adding Concentration
List the department / degree / major combinations at the degree level chosen that will offer this concentration.

Microbiology and Cell Science Department: Ph.D. in Microbiology and Cell Science

This PhD concentration will be available to MS graduates in the life sciences and is particularly appropriate for the graduates of our online MS concentration.

What will the programmatic components of the degree/concentration be? (e.g., courses vs. research for credit)
Synchronous vs. Asynchronous offerings.

This PhD concentration will be available to MS graduates in the life sciences and is particularly appropriate for the graduates of our online MS concentration.

The typical coursework in the Microbiology and Cell Science online MS degree includes:

Required Courses:

Course no.	Course title	Credits
BSC6459	Fundamentals of Bioinformatics	3
BCH5413	Mammalian Molecular Biology and Genetics	3
MCB7922	Final Literature Review	1
MCB5205	Microbiology of Human Pathogens	3
MCB5505	Virology	3
MCB7922	Journal Colloquy	1

Electives:

Course no.	Course title	Credits
MCB6796	Microbiological Data Analysis	3
MCB6937	AI in Agriculture and Life Sciences	3
MCB6937	Python Programming	3
MCB6670C	The Microbiome	3
MCB6937	Computational Genomics and Epigenomics	3
MCB6906	Innovation Project Management	1

After 30 credits are completed at the MS level, 60 credits will be required after the MS degree for the PhD degree concentration.

Of the 60 credits, the course distribution will typically be as follows: Required courses: 15 credits

Course no.	Course title	Credits
BSC 6438	R for Functional Genomics	3
BSC 6459	Fundamentals of Bioinformatics	3
MCB 6670C	The Microbiome	3
MCB 6796	Analysis, Interpretation, & Visualization of Micro. Data	3
MCB 6318	Comparative Microbial Genomics	2

Recommended courses: 11 credits

Course no.	Course title	Credits
MCB 6937	Python Programming	3
MCB 6937	AI in Agriculture and Life Sciences	3
MCB 6937	Synthetic Biology	3
MCB 6095	Careers for Impact in Microbiology and Cell Science	1
MCB 6096	Innovation Project Management for Life Sciences	1

Any of the above can be fulfilled if taken by our online M.S. graduates.

Specific requirements for a PhD degree:

Course no.	Course title	Credits
MCB 7922	Journal Colloquy	6
MCB 6930	Seminar	6
MCB 6940	Supervised teaching	2
MCB 7979	Supervised research	15
MCB 7980	Advanced Research	15

Only Journal Colloquy will be synchronous. The number of Supervised and Advanced Research credits will vary depending on the number of courses taken by a particular student.

For example, to request a new "Wetland Sciences" concentration at the master's level, list all master's level degree / major combinations from all participating departments:

• Forest Resources and Conservation: M.S. in Fisheries and Aquatic Sciences
• Forest Resources and Conservation: M.S. in Forest Resources and Conservation
• Forest Resources and Conservation: M.F.A.S. in Fisheries and Aquatic Sciences
• Forest Resources and Conservation: M.F.R.C. in Forest Resources and Conservation
• Geography: M.A in Geography
• Geography: M.S. in Geography
• Geological Sciences: M.S. in Geology
• Geological Sciences: M.S.T. in Geology

Rationale for Proposed Concentration
Describe the rationale for offering this new concentration and having it on the transcript, how it will enhance the quality of the existing major, how it relates to graduate programs at peer institutions. Also describe what distinguishes this new concentration within the existing major(s) in the degree program, the degree of its overlap with existing majors and concentrations (both in the degree program and in other degree programs at the university), and a justification for any such overlap.

> The objective of this concentration is to provide an opportunity to earn a Ph.D. to perspective students with a Master's degree in a field related to microbiology and cell biology. These students will be expected to have sufficient quantitative skills to pursue quantitative research questions that do not require benchwork and can be accomplished entirely by performing their dissertation work off-campus. This program is intended primarily for very talented people with strong quantitative interests whose current life circumstances do not allow them to attend a residential college full- time. We expect most of these students to be part-time taking six credits per academic term. The rigor for this degree will be equivalent to the on-campus degree program. The trainers will be the current graduate faculty of the department.

Impacts on Other Programs
Describe any potential impact on other programs or departments, including increased need for general education or common prerequisite courses, or increased need for required or elective courses outside of the existing program.

> This program is not expected to have any impact on our own on-campus Ph.D. program or on any other Ph.D. program on campus. This program is intended primarily for our own online M.S. graduates who have completed much, if not all, of the coursework needed for our Ph.D. program. These students will be part-time and not paid a stipend. Our expectation is that at least half of the students will have a tuition benefit from their employers. We ask that this program be state funded.

New or Modified State-Funded Doctorate (Ph.D.)
<u>Online</u> Major/Concentration

New or Modified Proposal Process for <u>Online</u> State-Funded Ph.D. Majors/Concentrations

New or modified academic program proposals are initiated and developed by faculty members. Approval of the proposal must be obtained from department chairs and college deans, and/or college curriculum committees before submission to Academic Affairs for review and consideration.

Directions: Please provide a concise but complete response to each section.

Program Location	Online
Degree Program Title	Ph.D. in Microbiology and Cell Science
CIP Code	26.0503
Proposed Delivery (% Online)*	100
Proposed Delivery (% Remote)*	0
Proposed Delivery (% On campus)*	0
Enrollment Projections (Headcount)	up to 10 per year
Proposed Implementation Date	Earliest available
Emphasis	Ph.D. Concentration in Microbial and Cellular Data Science
Other SUS Programs	None

*In determining the percentages of proposed delivery methods please consult the following guidelines:

Remote courses (or remote Ph.D.) - Remote courses adhere to the fundamentals of face-to-face courses. Remote courses and experiences replace face-to-face classroom learning or other educational activities when face-to-face learning on campus in Gainesville is not physically possible for some students. Students participate synchronously with other students with instructors giving live lectures. These courses aren't necessarily designed to optimize online learning, and some students may be participating at a distance while other students participate face-to-face simultaneously. Having students join a live lab meeting, for example, from a remote location while other students were in person would be an example of a remote Ph.D. experience, and not just an online/distance learning experience. Students conducting supervised research off campus is another example of remote work.

Online/Distance courses (or online Ph.D.) – Online courses are designed under the assumption that all instructors and students are generally separated by time or space. Students have the flexibility (generally) to not attend specific lectures at specific times. Further, the courses and educational activities have been specifically designed to be most effective for a distance audience and not just modified from a face-to-face course. For example, all students would participate in lab meetings via Zoom, lab trainings for students have been prepared for students to be watched asynchronously, etc.

Program Summary (Briefly describe the proposed program or modification.)

1. Summarize the overall rationale for the new or modified academic program and consider the following in your response:

Academic Vetting	Please provide documentation of support for the proposal by graduate faculty and college curriculum committee.
	By a vote of 22-3, the graduate faculty of the Microbiology and Cell Science Department propose a new Ph.D. concentration in Microbial and Cellular Data Science be approved for online students on a self-funded basis. This program is intended primarily for graduates of our self-funded online M.S. degree program. Our M.S. graduates have already completed most, if not all, of the lecture coursework required for the Ph.D. allowing them to focus primarily on their dissertation work. Just as with our on-campus Ph.D. students, the students in this proposed concentration will have access to lab meetings, journal clubs, seminars, and our annual research symposium. We will also establish a peer-mentoring system where these students can meet as a group on a regular basis.
	These students will be taking the degree on a part-time basis and will not be paid a stipend. In many cases, we expect their full-time employers to pay the tuition required.
	We view this concentration as providing very bright people the opportunity to obtain a Ph.D. degree who would otherwise not have the opportunity.
Faculty Capacity (overload) **Faculty Expertise** **Student-Faculty Ratio**	Will faculty teach students as part of a regular appointment or as overload (self-funded)? Do they have adequate capacity? What is the ratio of qualified doctoral chairs to number of students, and will this change with introduction of online programs? Role of adjuncts or other instructors?
	The same faculty for the face-to-face/residential PhD program will be faculty advisors and committee members in the online PhD program. Faculty mentoring in this program will initially be considered in-load, and then will transition to overload once self-supporting status is approved. We will admit between 3 and 10 students per year. Admissions will be limited by available faculty advising capacity. We expect that enrollment from this program will result in an overall ratio of about four students per doctoral chair within the department. The students will be mentored exclusively by graduate faculty. We don't expect any Doctoral Chair to mentor more than three online students at a time.
Recruitment/Admissions	What is the strategy for recruitment and achieving target enrollment numbers? International students?
	We will market this program primarily to our online MS graduates and current students. The program will also be available on our website.
Courses/Credits **Student Learning Outcomes**	What will the programmatic components of the degree/concentration be? (e.g., courses vs. research for credit) Synchronous vs. Asynchronous offerings.
	A master's degree in a life science discipline (biology, microbiology, genetics, biochemistry, etc.) will be required for admission to this PhD concentration.The ideal applicant to this program will be a successful graduate of the online Master of Science in Microbiology and Cell Science (MCS) with concentration in Medical Microbiology and Biochemistry or the Online MS in MCS with concentration in

Microbiome in Health and Disease. That being said, students with a completed master's degree in the life science from other programs or instutions will be considered.

Assuming admitted students transfer in 30 credits from the Online MS in MCS or from a master's degree completed at an outside accredited institution, 60 credits will be required to complete the online PhD degree concentration. Of those 60 credits, 30 credits of required coursework is listed below:

The coursework requirements for the Concentration in Microbial and Cellular Data Science will include a minimum of 18 credits in the following:
Concentration Core Courses (14 credits):

Course no.	Course title	Credits
BSC 6438	R for Functional Genomics	3
BSC 6459	Fundamentals of Bioinformatics	3
MCB 6937	Python Programming	3
MCB 6796	Analysis, Interpretation, & Visualization of Micro. Data	3
MCB 6318	Comparative Microbial Genomics	2

Elective Courses: (at least 4 credits)

Course no.	Course title	Credit
MCB 6670C	The Microbiome	3
MCB 6937	AI in Agriculture and Life Sciences	3
MCB 6937	Synthetic Biology	3
MCB 6095	Careers for Impact in Microbiology and Cell Science	1
MCB 6096	Innovation Project Management for Life Sciences	1

Most of the graduate level courses taught by the UF MCS department would be available as optional elective credit, However, those courses would need to be completed in addition to the above concentration electives. Optional elective credits would require faculty advisor approval.

Journal and Seminar Requirement (at least 6 credits of each):

Course no.	Course title	Credits
MCB 7922	Journal Colloquy: Microbial and Cellular Data Science	6
MCB 6930	Seminar	6

Please note that all students in the MCS PhD programs are expected to take journal colloquy and seminar each semester in the fall and spring. These courses are not concentration specific. Only the Journal Colloquy will be synchronous (but also online). Beyond these required courses, the number of Supervised and Advanced Research credits will vary depending on the needs of the student and the requirements of the graduate school.

Research Experience Integrity of Research Experience	How will the research experience be guided? How will access to faculty be ensured to support research productivity?

	Research will be guided by departmental faculty advisors . Students in the online program will have the opporutunity to interview potential faculty advisors during the admissions process. Once a match has been made, the student will be assigned a faculty advisor by the department at the beginning of their first term. Virtual communication by video, email, and phone will be frequent, probably every business day. The faculty advisor will formally assess the PhD student's progress after each academic term. If after the end of the first year either the student or faculty is dissatisfied with the match, a new advisor will be appointed. A graduate committee will be appointed for each student after 30 of the 60 credits required are completed. At that point, a student is expected to form a dissertation committee. From that point, overall research productivity will be assessed by the graduate committee each academic year. A large part of that assessment will be research publications in the peer-reviewed literature.
Academic Milestones	Any anticipated modifications to established milestones? Time to completion? We assume most (if not all) students in the MCS PhD with concentration in Microbial and Cellualr Data Science will be working full-time throughout their degree. As such, these students will most likely be completing between 3 and 6 credits per semester with some variation depending on their availability. Assuming these students pass qualifying exams on their first attempt and produce an appropriate amount of research, we anticipate time to degree would be between 4-6 years, which is similar to face-to-face PhD cohorts at UF MCS.
On Campus/Online Student Experience	How will the program support equitable experiences for both on-campus and online students? The PhD experience will be similar for all students, both on-campus and online, with the exception that the online students will be doing their dissertation work remotely. Access to faculty mentors will be similar but will be done virtually for online students. The department will establish a peer-mentoring system for our online students which will include formal meetings twice per term but will be free to meet informally at their discretion. An online orientation which includes a full guide of department resources and a link to the student handbook will be provided to the students and available asynchronously.
Student Funding	For students enrolled full-time, what is the funding strategy? TA appointments for online students? International students? None of the students are expected to be full-time students. In the rare events where this occurs, TA appointments will be provided. This is easily done as all of our lecture courses are online.
Technology	What technology will be required for these students? Software, etc. As with all UF students, these students will be expected to have personal computers and excellent internet access. Software needed will be determined by the faculty advisor for data analyses. Video conferencing capability will be required as well as cell phone access.
Evaluation	What plans are in place to evaluate the success of the program within a 3-5 year time period? Drs. Jennifer Drew (MCS) and Sebastian Gllindo (Agricultural Education and Communication Dept.) will work together on the evaluation of this program and publish the results as we have done with the MCS online BS degree program and in

	progress for the online MCS MS with concentration in Medical Microbiology and Biochemistry. The activities below are approved under IRB201601296. The evaluation will include a comparison with standard on-campus Ph.D. program and an evaluation of: 1) retention, 2) time and progress to degree, 3) program enrollment over time, 4) number of faculty advisors involved, 5) number of credits taken by term on average per student and overall across all students, 6) tracking of standard milestones toward degree such as the timing and success of qualifying exams, 7) participation of the students in meetings, seminars, and symposia will be tracked, 8) tracking of graduate student committee establishment and meetings, and 9) conducting separate focus groups for current students and faculty advisors in an anonymous manner. Evaluation of data from these activities will be reviewed every two years by our online Ph.D. committee to implement new policies and procedures that improve student outcomes.

Student Academic Support (Briefly describe the strategy for student support.)

2. Summarize the ways in which the new or modified academic program addresses key student support concerns:

Orientation	How will students be oriented to the program, department, or institution? Orientation activities are provided to all new Ph.D. student prior to the start of their first semester. These include training for teaching, a walkthrough of department resources and expectations, sharing of the student handbook, wellness, and a graduate student research symposium where research projects in the department will be provided. Online PhD students will be strongly encouraged to attend. Virtual access to the symposium will be provided.
Advising Strategy Mentoring Support	What will the advising/mentoring strategy be, including appointment of faculty to committees, etc.? The same processes for advising and mentoring strategies that is provided to on-campus PhD Students will be provided for PhD students in this concentration. TEAMS staff admit, enroll, and register the students in courses to be taken each academic term. A faculty advisor will be chosen by virtual interviews between each perspective student in the program prior to admission. Once a match is made between advisor and student and all other admissions criteria are met, the student will be admitted. The appointment of the graduate committee will be done before the qualifying exam and no later than the student completing 30-credits of coursework.
Community/Connection	How will the program provide a community-based experience for program students? All students in this concentration will attend seminars and journal colloquy synchronously along with their fellow students. They will also be expected to attend our annual graduate student research symposium. Each student will be invited to join our departmental graduate student association, offered appointments to departmental committees, and invited to quarterly town halls with all PhD students in the program. Also, we will have monthly online Ph.D. cohort meetings and formal peer mentors so that students can discuss with their experiences.

Travel/Conferences/PD	In what ways will the department support student travel, conference engagement, and professional development?
	The department's policy to provide matching support for travel to one national or international meeting per year. This is intended to compliment support from the University, College, and mentor.
	The department offers courses in fellowship proposal writing, resume preparation and career opportunities, and project management.

Workforce and Economic Development Needs (Briefly describe how the proposal meets workforce and economic needs.)

3. Summarize how the new or modified academic program works to meet workforce and economic development needs and consider the following:

Market Analysis of Need (industry/academia)	Is there a need for Ph.D.-level positions in either industry or academia?
	The Nation has a shortage of PhD STEM graduates. Initial market analysis suggests that an online PhD would be ideal for certain professionals working in the life sciences industry.
Competing Programs	To what extent are there existing academic programs with the same focus and modality?
	George Mason University offers a 100% online PhD (72 credits) in Bioinformatics and Computational Biology. This program is much more expensive than this program would be in either in-state or out-of-state tuition. (https://masononline.gmu.edu/programs/bioinformatics-and-computational-biology-phd/?cmgfrm=www.gmu.edu). The University of Miami offers an Executive PhD program in Biochemistry and Molecular Biology , however, this program is based on bench work done with companies and is not a computationally based program as the one proposed here. (https://med.miami.edu/graduate-studies/doctoral-programs/executive-ph,-d-,d,-d-,-in-biochemistry-and-molecular-biology).
State vs Self-Funding	How does the program anticipate being funded? Why?
	Students will be enrolled in a self-supporting program. Tuition will be paid personally or by their employer. When serving as TAs for our lecture courses, these students will be given a scholarship for tuition and a partial stipend. The resources for this will be derived from our online MCS MS programs' self-supporting residual income.

Additional Considerations:

4. If you have any additional information that should be considered in evaluating the proposal, please use this table:

Environmental Health and Safety	Students in this concentration are forbidden from establishing or uing any laboratory outside of approved UF labs to generate data. If data are needed for a project, the student must work with the PI to determine how this is to be done in UF labs and in a manner consistent with all UF Policies and Regulations.

IRB	Any data using human subjects for dissertation work will need approval from the University of Florida Institutional Review Board. We expect that most of these will be exempt studies using de-identified data.
Academic Integrity	We will employ the same strategies and policies for academic integrity in this concentration as we do in our standard Ph.D. program. These include: 1) clear policies and guidelines, 2) plagarism detection using Turnitin and other tools including approaches to detect AI-generated material, 3) supervision and mentorship by faculty committee chairs and graduate committee members, 4) UF research ethics training, 5) extensive communication between and among faculty and students engaged in the program, 6) fostering creativity, and 7) pursuit of university remedies for violations of academic integrity.

Concentration|Close for request 19120

Info
Request: Request to Close a Program M.S.P. in Pharmaceutical Sciences with a concentration in Personalized Medicine
Description of request: The College of Pharmacy seeks to close the graduate concentration in Personalized Medicine for the Master of Science in Pharmacy (M.S.P.) with a major in Pharmaceutical Sciences
Submitter: Emely McKitrick emely.mckitrick@ufl.edu
Created: 1/8/2024 8:40:57 AM
Form version: 4

Responses
Proposed Action
Indicate whether the proposed action is to fully close (terminate) a concentration or to cease participation in a concentration.

    Close a Concentration

• Select to close the concentration if the requesting academic unit is the sole participant in the concentration or if all participating academic units in an inter-disciplinary concentration want to close the concentration. In this latter case, documentation of consent from all participating academic units must be included in the request.
• Select to cease participation in a concentration if the requesting academic unit is part of an inter-disciplinary concentration with other academic units and wishes to remove only its portion of the concentration, or if you the requesting academic unit expects the concentration to continue being offered in another degree program.

Degree Level
Indicate the degree level from which to remove the concentration.

    M - Master's Degree

Concentration
Enter the name of the concentration to be closed.

    Personalized Medicine

Termination Date
Enter the termination date (semester/year), which is the last date students will be accepted into the program.

    Summer 2024

Phase-Out Date
Enter the phase-out date (semester/year), which is when the last student in teach-out will have completed the major. This date should allow time for enrolled students to complete

the major in a reasonable amount of time. The phase-out date is the last date that data will be submitted for the major.

Fall 2026

Department/Degree/Majors Closing the Concentration
List the department / degree / major combinations at the degree level chosen at which to close this concentration.

Pharmacotherapy and Translational Research (PTR). : the M.S.P. with a major in Pharmaceutical Sciences with a concentration in Personalized Medicine

For example, to request closure of the "Wetland Sciences" concentration at the master's level, list all master's level degree / major combinations from all departments participating in the concentration:

• *Forest Resources and Conservation: M.S. in Fisheries and Aquatic Sciences*
• *Forest Resources and Conservation: M.S. in Forest Resources and Conservation*
• *Forest Resources and Conservation: M.F.A.S. in Fisheries and Aquatic Sciences*
• *Forest Resources and Conservation: M.F.R.C. in Forest Resources and Conservation*
• *Geography: M.A in Geography*
• *Geography: M.S. in Geography*
• *Geological Sciences: M.S. in Geology*
• *Geological Sciences: M.S.T. in Geology*

Rationale for Closure
Describe the rationale for the request to close the concentration.

The program plans to close the M.S.P with a major in Pharmaceutical Sciences with a concentration in Personalized Medicine (30 credit hours) due to low program admissions and subsequent low enrollments.

Impact on Other Programs
Describe the potential impact that closing the concentration may have on other programs.

The closure of the M.S.P with a major in Pharmaceutical Sciences with a concentration in Personalized Medicine is not anticipated to have any adverse effects on other programs. The decision to discontinue this program has been made with the intention of minimizing any potential disruptions and ensuring a smooth transition for affected students while safeguarding the integrity of other ongoing programs.

Steps Taken to Inform Students and Faculty
State what steps have been taken to inform students and faculty of the intent to close the concentration.

Program leadership will communicate the decision to close the program to the current student body via email. In this communication, students will be encouraged

to schedule one-on-one meetings with program leadership to discuss the decision and seek clarification on any questions or concerns they may have.

Furthermore, each student will receive a personalized course plan designed to guide them to graduation, considering their individual academic and professional needs. The program administration will also provide opportunities for students to review their course plans, ensuring that these plans align with their academic and professional objectives.

This approach aims to facilitate a smooth transition for all students affected by the program closure, providing them with the necessary support and resources to continue their educational journey effectively.

Students not scheduled to graduate in the Fall 2024 semester will have two options to continue their academic journey.

The first option allows students to pursue the M.S.P. with a major in Pharmaceutical Sciences and a concentration in Personalized Medicine, as outlined in the Teach-Out Plan of this proposal.
Individualized course plans will be crafted for each student, ensuring their unique academic needs are addressed. The goal is for all currently enrolled students to graduate by fall 2026 at the latest.

The second option is for students to transfer into the M.S.P. with a major in Pharmaceutical Sciences and a concentration in Individualized Medicine. This 31-credit hour, fully online program seamlessly integrates pharmacogenomic and personalized medicine principles into medication management, emphasizing patient-centered individualized care. While closely aligned with the Personalized Medicine concentration, this option has a more pronounced clinical focus and practical application to clinical practice. This option will likely be more desirable to those who are clinically focused. The personalized course plans will incorporate educational content from the Personalized Medicine Concentration while integrating required critical elements of the Individualized Medicine concentration. Please note that this concentration is currently being reviewed for a name change to "Clinical Pharmacogenomics and Precision Medicine" by the graduate school (approval #19385).

Teach-Out Plan
Explain how students in the major will be able to complete their degree. The teach-out process often extends well beyond the termination date.

The program is committed to maintaining the availability of both required and elective courses until the graduation of the last enrolled student, even if this extends beyond the initially planned termination date of Fall 2026. Program administration will actively oversee the progress of students, track completed courses, and assess their expected graduation dates.

Program administration will send them emails as students approach their registration periods to facilitate the registration process. Additionally, the program will offer to schedule one-on-one check-in meetings with each student to review their individualized course plans, ensuring they are on track to meet their academic goals.

Faculty members will remain accessible to students as needed to address basic student needs and provide support during this transitional period. This approach reflects the program's commitment to the success and well-being of its students, even as it approaches closure.

Accommodation of Faculty
Provide an explanation of the manner in which the Department and College intend to accommodate faculty who are currently active in the concentration.

Faculty members currently assigned to the program will be redirected to new assignments within the PharmD curriculum by the College of Pharmacy. This reassignment ensures that their expertise and contributions continue to benefit the broader academic community.

The remaining adjunct faculty members will also be informed of the program's closure. When opportunities arise in the future, and if feasible, they will be considered for adjunct teaching positions. This approach aims to maintain valuable connections with faculty members who have contributed to the program and may continue to play a role in the academic endeavors of the College of Pharmacy.

Graduate Curriculum Committee

Minutes

December 14, 2023
Meeting Materials

Voting Conducted
via Mail-Vote

I. Presentation and review of the Minutes from the November Meeting of the Graduate Curriculum Committee (GCC).

II. Update(s) to the Committee: The following was reviewed by the Graduate Curriculum Committee (GCC) previously. The GCC felt further follow-up and/or clarifications were necessary before the proposals could move forward to the University Curriculum Committee (UCC). Suggestions and/or follow-up required are noted below the proposals.

CALS – Entomology and Nematology

1. ENY 6XXX   *Practical Work Experience in Entomology and Nematology*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18460

   Proposal has been approved by the GCC.

COP – Pharmacotherapy and Translational Research

2. PHA 6XXX   *Forensic Ethics*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18767

   Proposal has been approved by the GCC.

VM – Physiological Sciences

3. VME 6XXX   *Ecotoxicology*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/17699

   Proposal has been approved by the GCC.

III. Course Change Proposals: The following proposals are newly requested revisions to existing courses already within the current course catalog in curriculum inventory. The changes requested are listed below each of the proposals.

COE – School of Teaching and Learning

1. EDE 6948   *Internship in Elementary Schools*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18941

   Proposal has been approved by the GCC.

CALS – Entomology and Nematology

2. ENY 6206   *Ecology of Vector-Borne Disease*

Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18721

Proposal has been approved by the GCC.

MED – Anatomy and Cell Biology

3. GMS 5630 *Medical Histology*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/19075

   Proposal has been approved by the GCC.

CLAS – Classics

4. LNW 6495 *Late Latin Literature*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/19101

   Proposal has been approved by the GCC.

IV. New 5XXX Course Proposal(s) (with attached syllabi): The following are newly requested course proposals. Proposed course titles and descriptions are listed below. Syllabi have been included with these new course requests, at the request of GCC Members.

There are no new courses submitted through the 5000-level path to present.

V. New Course Proposal(s) (with attached syllabi): The following are newly requested course proposals. Proposed course titles and descriptions are listed below. Syllabi have been included with these new course requests, at the request of GCC Members.

HHP – Applied Physiology and Kinesiology

1. APK 5XXX *Genetics of Human Performance*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/17626

   Proposal has been conditionally approved. Once revised, the proposal can be administratively approved without further review by the GCC.

DCP – Architecture

2. ARC 6XXXC *Public Interest Design: Contemporary Issues and Practice*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/19032

   Proposal has been approved by the GCC.

CLAS – Economics

3. ECO 7207 *Macroeconomic Theory II*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/19038

   Proposal has been approved by the GCC.

CLAS – Geological Sciences

4. GLY 6XXX *Survival Skills for Academic Careers*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18795

   Proposal has been conditionally approved. Once revised, the proposal can be administratively approved without further review by the GCC.

CALS – Food Science and Human Nutrition

5. HUN 6XXX *Global Nutrition*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18755

   Proposal has been approved by the GCC.

DCP – Interior Design

6. IND 5XXX *Interior Finishes and Materials*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/19010

   Proposal has been conditionally approved. Once revised, the proposal can be administratively approved after further review by the Chair of the GCC.

COP – Pharmaceutical Outcomes and Policy

7. PHA 6XXX *Principles of Biomedical Peer-Reviewed Publications*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/19186

   Proposal has been conditionally approved. Once revised, the proposal can be administratively approved without further review by the GCC.

PHHP – Public Health

8. PHC 6XXX *Health, Artificial Intelligence, and Human Values*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/19172

   Proposal has been conditionally approved. Once revised, the proposal can be administratively approved without further review by the GCC.

PHHP – Environmental and Global Health

9. PHC 6XXX   *Social Determinants of Health*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/19144

   Proposal has been conditionally approved. Once revised, the proposal can be administratively approved without further review by the GCC.

CALS – Plant Pathology

10. PLP 6XXXC   *Applied Bioinformatics in Plant Pathology*
    Link to proposal: https://secure.aa.ufl.edu/Approval/reports/19063

    Proposal has been conditionally approved. Once revised, the proposal can be administratively approved without further review by the GCC.
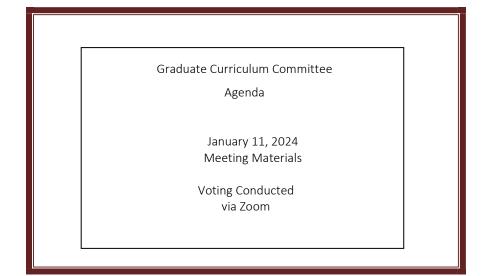
HHP – Sport Management

11. SPM 5XXX   *Diversity, Equity, and Inclusion in Sport Organizations*
    Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18878

    Proposal will be on the January agenda for further review by the GCC.

VI.   Information Items:

1. MMC 6905 – 19006 – Change to max repeatable credits
2. MMC 6910 – 19007 – Change to max repeatable credits
3. MMC 6936 – 19005 – Change to max repeatable credits

Graduate Curriculum Committee

Agenda

January 11, 2024
Meeting Materials

Voting Conducted
via Zoom

I. Presentation and review of the Minutes from the December Meeting of the Graduate Curriculum Committee (GCC).

II. Update(s) to the Committee: The following was reviewed by the Graduate Curriculum Committee (GCC) previously. The GCC felt further follow-up and/or clarifications were necessary before the proposals could move forward to the University Curriculum Committee (UCC). Suggestions and/or follow-up required are noted below the proposals.

There are no updates to present at this time.

III. Course Change Proposals: The following proposals are newly requested revisions to existing courses already within the current course catalog in curriculum inventory. The changes requested are listed below each of the proposals.

There are no course modifications to present at this time.

IV. New 5XXX Course Proposal(s) (with attached syllabi): The following are newly requested course proposals. Proposed course titles and descriptions are listed below. Syllabi have been included with these new course requests, at the request of GCC Members.

There are no 5XXX courses to present at this time.

V. New Course Proposal(s) (with attached syllabi): The following are newly requested course proposals. Proposed course titles and descriptions are listed below. Syllabi have been included with these new course requests, at the request of GCC Members.

CLAS – Anthropology

1. ANG 6XXX   *Ethnographic Writing*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18119

   Explores the craft of writing for rendering events, circumstances, and predicaments of ethnographic fieldwork. Introduces strategies and techniques for portraying empirical worlds and provides skills needed to make ethnographic representations more discerning, vibrant and adequate to lived encounters of field research.

HHP – Applied Physiology and Kinesiology

2. APK 6XXX   *Extreme Environment Physiology*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18892

   This graduate-level course is designed to examine the responses of the body during and after exposure to extreme environmental conditions. Topics will include high-altitude, deep-water diving, extreme temperature environments, microgravity/outer space, and high-stress environments. The course will also have sections detailing possible diseases and conditions relating to exposure to those extreme environments.

CLAS – Mathematics

3. MAP 6XXX   *Variational Analysis*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/19023

   Develops smooth analysis through problems that arise in the calculus of variations and explores nonsmooth analysis through problems that arise in optimal control. Develops first and second-order optimality conditions, discrete approximations to continuous problems, and mathematical tools to analyze discretization errors.

HHP – Sport Management

4. PET 5XXX   *High Performance Coaching: Creating Winning Environments*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18874

   Students will identify and design an environment for their team in high-performance settings to systemize behavior management through a sport lens. Students will create systems that define standards and expectations, identify and reinforce above-the-line behaviors, and identify and convert below-the-line behaviors as they impact the team environment.

5. PET 5XXX   *High Performance Coaching: Exploring Team Dynamics*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18875

   Students will focus on identifying and managing barriers that prevent the maximization of team performance in high-performance environments. Students will assess how human-related issues negatively impact team performance. Students will create structure, systems, and content to provide teams with platforms to manage those issues.

6. PET 5XXX   *High Performance Coaching: Priority Alignment*
   Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18877

Students will evaluate the research on coaching, coaching stressors, and the reliance of achievement in sport to gain perspective and self-awareness to manage collateral damage. Students will design plans to navigate demands through the integration of work and life to stay healthy and maintain a focus on "What's Really Important.".

7. SPM 5XXX   *Diversity, Equity, and Inclusion in Sport Organizations*
Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18878

Students will learn about foundational information about key terms, relevant theories, and researching diversity and inclusion. They will summarize the intersection of different diversity forms and sport; and learn strategies for sport managers to create and sustain diverse and inclusive sport organizations.

8. SPM 5XXX   *High Performance Coaching: Building Character Through Sport*
Link to proposal: https://secure.aa.ufl.edu/Approval/reports/18535

Students will examine research on coaching and coaching pedagogy to create character development strategies for operations within sport organizations. The integration of character based coaching activities will serve as a roadmap for organizations and result in the collection of relatable assets that will evolve into a character development program.

VI.   Information Items:

1. EEX 7303 – 19039– Change to course description
2. GIS 6116 – 19025 – Change prerequisites
3. PCO 7945 – 18539 – Change maximum repeatable credit
4. PHC 6704 – 19024 – Change prerequisites