

# University Curriculum Committee September 20<sup>th</sup>, 2022

The UCC met from 1:00 to 3:00 p.m. at the Senate Chambers in the Reitz Union and via Zoom teleconferencing.

## Attendees

### Members

Angela Lindner, Vandana Baweja, Joel Brendemuhl, Riya Chakraborty, Nancy Clark, Stephanie Hanson, Christopher Janelle, Gillian Lord, Crystal Marull, Jennifer Setlow, Katie Vogel Anderson, Shawn Zimmer

### Liaisons

James Babanikos, Corrin Fleming, Casey Griffith, Toby Shorey, James Silvers

### Guests

Stefanie Gazda, Diana Hull, Maria Leite, Cher Phillips, Frankie Tai

## Welcome

### Notes

#### 1. Welcome and Introductions

Dr. Lindner described her goals for the UCC for this year and emphasized that faculty continue to be the leaders in forming curricula and leading the UCC. Dr. Lindner asked that the members of the UCC relay the purpose and function of the UCC to the fellow members of their colleges. While the PCC is now starting to function, the UCC will still function as overarching body to make sure policies are being affected fairly and consistently.

- [UCC Annual Report Academic Year 2021-2022](#) | Casey Griffith  
More than 500 curricular requests were reviewed, with around 85% being approved in the UCC meeting. PCC is now working and meeting this month. Casey is making sure the committee listserv is updated. A general call for Review Subcommittee members was made, along with great thanks given to those have served or are serving on this committee.
- [Approval of minutes.](#) | Dr. Lindner – Approved.

#### 2. Election of Co-Chair.

Vandana Baweja volunteered to continue serving as co-chair of the committee. The UCC and Faculty Senate re-elected Dr. Baweja with no objections.

#### 3. Update from the Faculty Senate. | Dr. Baweja - None

## Programs

#### 4. None

## Academic Assessment Committee

### 5. Notice of items from the Academic Assessment Committee (information only).

- Biomedical Neuroscience Certificate - Approved
- BME MS/ME Program Goal Change - Approved
- Classics MA SLO revisions - Approved
- Early Childhood BAE AAP - Approved
- Early Childhood BAE ALC - Approved
- Undergraduate/graduate combined degree, 4+1, BSSBE/MISD - Approved
- AI Fundamentals and Applications AAP - Conditionally Approved
- Approval of Double Counted Credit Justification for JD/MSF - Conditionally Approved
- Approval of Double Counted Credit Justification JD MALAS - Conditionally Approved
- Approval of Double Counted Credits for JD MA Int Rel - Conditionally Approved
- Approval of Double Counted Credits for JD MA PS - Conditionally Approved
- Approval of Double Counted Credits Justification JD MBA - Conditionally Approved
- Approval of Double Credit Justification for JD MSRE - Conditionally Approved
- Combination Degree JD-MAcc - Conditionally Approved
- Disabilities in Society Grad Cert AAP - Conditionally Approved
- Early Childhood Certificate AAP - Conditionally Approved
- Modify SLO in SJD Program - Conditionally Approved
- Modify SLOs in LLM in International Taxation - Conditionally Approved
- Updated and change Program Goal and SLO in LLM Program in US Law - Conditionally Approved
- Classics PhD SLO Revisions - Recycled
- DVM Program - Assessment Method Changes - Recycled
- Modify SLO Assessment for LLM in Taxation - Recycled
- Revision of assessment method for math PhD program SLO3 - Recycled

## Graduate School

### 6. Notice of items from the Graduate School (information only). – Frankie Tai

- The College of Journalism and Communications seeks to modify the curriculum for the major in Public Relations and Communication Management
- The Warrington College of Business seeks to create the graduate degree Master of Science in Business Analytics
- The College of Medicine seeks to modify the curriculum for the Master of Science in Medical Sciences with a concentration in Gerontology
- The College of Education seeks to close the Master of Education with a major in Mathematics Education
- The College of Design, Construction and Planning seeks to reaffirm the combination degree program between the Bachelor of Science in Sustainability and the Built Environment (B.S.S.B.E.) and the Master of Historic Preservation
- The College of Design, Construction and Planning seeks to reaffirm the combination degree program between the Bachelor of Science in Sustainability and the Built Environment (B.S.S.B.E.) and the Master of Landscape Architecture
- The College of Health and Human Performance seeks to reaffirm the combination degree

between the Bachelor of Science in Health Education with a major in Health Education and the Master of Science with a major in Health Education and Behavior

- The College of Journalism and Communications seeks to reaffirm the graduate/professional combination degree program between the Master of Arts in Mass Communication (COM MAMC) and Juris Doctor (LAW JD)
- The College of Journalism and Communications seeks to reaffirm the graduate/professional combination degree program between the Doctor of Philosophy with a major in Mass Communication (COM PHD) with or without a concentration and the Juris Doctor
- The College of Medicine seeks to create a combination graduate/professional degree program between the Master of Business Administration and the Doctor of Medicine
- The College of Medicine seeks to create a combination graduate/professional degree program between the Master of Science with a major in Management and the Doctor of Medicine
- The College of Medicine seeks to create a graduate/professional combination degree program between the Doctor of Philosophy (PHD) and Doctor of Medicine (MD)
- The College of Public Health and Health Professions seeks to reaffirm the combination degree program between the Master of Public Health and Juris Doctor
- The College of Public Health and Health Professions seeks to create a combination degree between any bachelor's degree and the Master of Public Health
- The College of Veterinary Medicine seeks to create a combination degree between the Master of Public Health and the Doctor of Veterinary Medicine

## Certificates

### Graduate

7. Notice of new graduate certificates (information only).

- None

8. Notice of changes to graduate certificates (information only).

- The College of Agricultural and Life Sciences seeks to modify the curriculum for the graduate certificate in Wildlife Forensic Sciences

### Undergraduate

9. Proposed new undergraduate certificates.

- [Proposed Political Communication Certificate in the College of Journalism and Communications](#) | 16977 – Approved.

Comprised of three courses with one required prerequisite course. Political Science department has reviewed and approved this certificate as well. Shawn Zimmer added that certificates like these, which combine studies in different departments, are interesting and fun for students.

10. Proposed changes to undergraduate certificates.

- None

### Professional

11. Proposed new professional certificates.

- None

12. Proposed changes to professional certificates.

- None

## Courses

### Undergraduate

13. Proposed new undergraduate courses.

#### **Agricultural and Life Sciences**

- [EVR 3XXX Eco-Civic Engagement](#) | 16705 – Approved.
- [WIS 4XXX Diverse Perspectives in Conservation](#) | 17029 – Conditionally Approved.  
Review Subcommittee felt that an external counsel was needed. Syllabus was revised accordingly, placing further emphasis on the wildlife study elements of the course.

#### **Education**

- [EDP 3XXX Cognition and Education Science in Artificial Intelligence](#) | 17126 – Approved.  
This course may need revision to policy on using Honor Lock for online exams. Dr. Lindner added that the situation with Honor Lock will be a useful thing to discuss in the Academic Policy Committee.
- [SMT 4XXX Informal STEM Practices](#) | 13698 – Approved.
- [SMT 4XXX Research Internship in STEM Education](#) | 13699 – Approved.

#### **Engineering**

- [BME 2XXX Biomechanics Course for BME](#) | 17150 – Conditionally Approved.  
A question was raised about the title, which is not listed consistently across all documentation at this time.
- [COP 3XXX Programming Language Survey](#) | 16121 – Approved.
- [COP 4XXX Programming Language Inquiry](#) | 16122 – Approved.

#### **Liberal Arts and Sciences**

- [ENG 4XXX Topics in Collaborative Research](#) | 15988 – Approved.

14. Proposed changes to undergraduate courses.

#### **Agricultural and Life Sciences**

- [WIS 3553C Introduction to Conservation Genetics](#) | 16940 – Approved.

#### **Arts**

- [MUH 3211: History 1](#) | 17593 – Approved.

### Professional

15. Proposed new professional courses.

- None

16. Proposed changes to professional courses.

- None

#### Joint

17. Proposed new joint courses.

- [EEE 4XXX Physical Attacks and Inspection of Electronics](#) | 16745 – Conditionally Approved.  
Revisions may be needed for grading policy, as attending office hours was listed as a part of the grading scale, but not clarified. COVID protocol is also out of date on syllabus. Dr. Hanson also asked to clarify the levels of these joint sections – 4000 level and 5000 level.
- [ENU 4XXX Nuclear Security Science](#) | 17056 – Approved.

18. Proposed changes to joint courses.

- None

#### 5000-Level

19. Proposed new 5000 level courses.

- None

20. Proposed changes to 5000 level courses.

- None

#### Graduate

21. Notice of new graduate courses (information only).

- None

22. Notice of changes to graduate courses (information only).

- None

Meeting adjourned at 1:50 p.m.

## ADDENDUM

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*Compiled Before the Meeting*

# University Curriculum Committee Program and Course Recommendations

[September 20, 2022]

## 4. Program Recommendations

- None

## 9. New Undergraduate Certificates

### Proposed Political Communication Certificate in the College of Journalism and Communications [R][CA]

- <https://secure.aa.ufl.edu/Approval/reports/16977>
- Summary:
  - The ~~International~~ Political(?) Communication certificate emphasizes the ~~impact of internationalization and globalization on communication across disciplines~~ role of politics in public relations, and the proposed program prepares of any major students for ~~career advancement and development~~ specializing in this area and to enter the sub-field of political communication. External consultation with the Department of Political Science yielded support from the department's faculty.
  - 9 credit hour certificate (with PUR 3000 as 3 credit prereq for courses)
- Comments:
  - ~~Please upload catalog copy.~~ [Catalog copy has been uploaded, 9/9/22]
  - Associate Provost: Note that the catalog copy must have "cut-and-pasted" from the International Communication catalog copy. The description refers to International Communication and not this requested Political Communication certificate.
  - Associate Provost: I note that the external consultation was made in the fall of 2019. Since the same faculty in Political Science approving this request are still in the department, I would consider this consultation still valid. Was COVID to blame for the delay in getting this request approved?

## 13. COURSE RECOMMENDATIONS

### Proposed New Undergraduate Courses

Approved	Conditionally Approved	Recycle
EVR 3XXX– Eco-Civic Engagement	ENG 4XXX- Topics in Collaborative Research	WIS 4XXX– Diverse Perspectives in Conservation
EDP 3XXX- Cognition and Education Science in Artificial Intelligence		
SMT 4XXX- Informal STEM Practices		
SMT 4XXX- Research Internship in STEM Education		
BME 2XXX- Biomechanics Course for BME		
EEE 4XXX- Physical Attacks and Inspection of Electronics		
ENU 4XXX- Nuclear Security Science		
COP 3XXX- Programming Language Survey		
COP 4XXX- Programming Language Inquiry		

### Agricultural and Life Sciences

#### A. EVR 3XXX– Eco-Civic Engagement

[CA][A]

- <https://secure.aa.ufl.edu/Approval/reports/16705>
- Comments:
  - ~~Is this course meant to be cross-listed with another course? [This course will not be cross-listed 9/13/22]~~
  - ~~Please clarify whether or not there is an incentive for students to complete additional service hours or additional journal writings. The syllabus is not clear on whether or not this may impact final grade. Please clarify whether or not this is extra credit. [The instructor added the following statement to the syllabus: “Each student will be required to engage in four to six hours of service per semester, including work on the community outreach product. Students are not required to engage in additional hours, but are certainly welcome to do so (although extra credit will not be offered for additional hours).” ]~~
  - ~~Recommend removing attendance explanations and leaving link to attendance policy. (i.e. 12 day rule, religious holiday, etc)~~

- ~~Recommend using Honor Code language and Recording policy language from official UF Syllabus policy~~  
([https://syllabus.ufl.edu/media/syllabusufledu/syllabi\\_policy\\_8\\_5\\_2021.pdf](https://syllabus.ufl.edu/media/syllabusufledu/syllabi_policy_8_5_2021.pdf))  
↪ [Updated.]

**B. WIS 4XXX– Diverse Perspectives in Conservation [R]**

- <https://secure.aa.ufl.edu/Approval/reports/17029>
- Comments:
  - Please obtain a consult with CLAS, there is an Environmental and Justice Minor with similar courses from a variety of departments.  
[https://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/EJP\\_UMN/#text](https://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/EJP_UMN/#text)  
[Instructor has been informed of the external consultation process.]
  - Associate Provost: It's not clear on the syllabus how the additional readings included in the course schedule will be made available to students.

**Education**

**C. EDP 3XXX- Cognition and Education Science in Artificial Intelligence [A]**

- <https://secure.aa.ufl.edu/Approval/reports/17126>
- Comments:
  - None

**D. SMT 4XXX- Informal STEM Practices [A]**

- <https://secure.aa.ufl.edu/Approval/reports/13698>
- Comments:
  - None

**E. SMT 4XXX- Research Internship in STEM Education [A]**

- <https://secure.aa.ufl.edu/Approval/reports/13699>
- Comments:
  - None

**Engineering**

**F. BME 2XXX- Biomechanics Course for BME [R][A]**

- <https://secure.aa.ufl.edu/Approval/reports/17150>
- Comments:
  - ~~Please obtain a consult with PHHP and CALS.~~ [Updated, 9/16/22]



## J. COP 3XXX- Programming Language Survey [R][A]

- <https://secure.aa.ufl.edu/Approval/reports/16121>
- Comments:
  - Previously reviewed by UCC in Fall 2021.
  - ~~What is the difference between this course and the COP 4XXX course of the same name?~~
    - Please provide detail on the differences between the courses. [This course requires no prior programming knowledge, while COP 4XXX requires knowledge of basic and systems-level programming (hence the prerequisite of COP3503). As such, it will cover basic programming concepts (such as simple variables, containers, or procedures), which COP4XXX will not. COP3XXX will cover some language features, but it is not expected to cover advanced constructs, modules, or libraries that are part of the language (as COP4XXX does). Email, 9/9/2022]
  - ~~The course description may need more detail.~~
    - ~~“Some programs may have departmental limits on the number of credit hours that may count toward degree programs. This course is intended to serve computing majors; as such, students are expected to have knowledge and experience in programming prior to taking this course”.~~
    - The course description should specifically focus on the course itself, rather than including advising information. The highlighted sentences should not be included. [Changed to “An introduction to a specific programming language, which may vary according to section. Course may be repeated for different languages. Students are not expected to have prior knowledge of programming to take this course. Covers variables, basic control structures, procedures, arithmetic, and syntax for the language, as well as some language-specific features.”]
  - Is the intent that this course is only for computer majors? [This course is intended only for non-computing majors / minors (i.e., to serve as a service course).]
    - There should be a prereq stating this, possibly worded as any student not pursuing a major or minor in computing. -CG
  - ~~Associate Provost: Does the 1-3 credit hours of variable credit imply that students can register for 1-3 hours of any given section of the course, or will given sections of this course be offered a 1 or 2 or 3 credit hours?~~
    - ~~If the latter, is it intended that multiple sections of different credit hours will be offered in the same semester?~~
    - ~~Can a brief description of how learning outcomes differ between a 1-credit hour section and a 3-credit hour section?~~
  - [Sections will be offered between 1-3 credits. Students will not elect the number of credits. It is possible that multiple sections, with different hours, could be offered, if there are multiple languages that should be offered.
  - The learning outcomes for different levels of credit would differ largely based on the language. This is because some languages are inherently more complex than others. For example, the C++ language requires careful memory

management as part of all constructs – not just tracking use of memory, but also its mutability and accessibility. Non-computing engineering students, as well as some physical science students, find C++ to be a useful language due to its heavy optimizations, despite its difficulty. A typical “C++” course, for people with no programming experience, is likely to require 3 hours weekly in-class to cover basic constructs.

- By comparison, the “Scratch” language is entirely visual in nature, requiring no syntax whatsoever. Variables and simple; there are no mutability or accessibility limits, nor is memory management required. While it is limited in scope, it is non-trivial and can nevertheless be used 1) as a “stepping-stone” to more complex languages (see UC Berkley “beauty and joy of computing” curriculum). It may be useful to non-computing majors in this respect. A “Scratch” course could be covered in a once-per-week in-class meeting (1 credit hour), even for the same constructs as a more typical language, because it lacks typical syntax barriers.
- It is the assumption that a 1-credit-hour section would meet once weekly, a 2 CH section would meet twice weekly, and a 3 CH section would meet three times weekly. The form does not appear to have a place to state this. (Please advise if/where it should be added. Course description section unfortunately has a 500 character limit.)
- Re: prerequisite – the wording has been updated to say that it may not be taken after COP3502C, the typical “first language course” for computing majors (similar to how MAC1147 could not be taken after Calc 1).
  - Email update 9/19/22]

#### K. COP 4XXX- Programming Language Inquiry **[R][CA]**

- <https://secure.aa.ufl.edu/Approval/reports/16122>
- Comments:
  - ~~Will courses options with different programming languages require purchase of different textbooks or will all readings be shared via canvas?~~ [As with many courses with rotating topics, the course text would vary according to the language in question. It would be expected that different languages would require different textbooks, as is common in other programming courses. Email, 9/9/22]
  - Please clarify the ~~“final letter grade in our course will be no harsher than this grading scale”~~ statement in the syllabus. [This phrase has been replaced with “The range used to calculate your final letter grade in the course will use the grading scale provided in the following table.”]
  - ~~The course description states: “An in-depth, thorough examination of specific programming language, which may vary according to section. Course may be repeated for different [computer] languages. Some programs may have departmental limits on the number of credit hours that may count toward degree programs. This course is intended to serve computing majors; as such, students are expected to have knowledge and experience in programming prior to taking this course”.~~



- ~~Associate Provost: Does the 1-3 credit hours of variable credit imply that students can register for 1-3 hours of any given section of the course, or will given sections of this course be offered a 1 or 2 or 3 credit hours? The approval form rationale implies that sections will vary in credit hours.~~
  - ~~If the latter, is it intended that multiple sections of different credit hours will be offered in the same semester?~~
- ~~Can the faculty submitter provide a brief description of how learning outcomes differ between a 1-credit-hour section and a 3-credit-hour section?~~
- ~~Is the assumption that a 1-credit-hour section would have 1 contact hour/week and a 2-credit-hour section would have 2 contact hours/week? The approval form states that these would meet 1 or 2 times a week, respectively, but the contact hours entered on the form is “3.”~~
  - Sections will be offered with between 1-3 credits. Students will not elect the number of credits. It is possible that multiple sections, with different hours, could be offered, if there are multiple languages that should be offered.
  - The learning outcomes for different levels of credit would differ largely based on the language. This is because some languages are inherently more complex than others. For example, the C++ language requires careful memory management as part of all constructs – not just tracking use of memory, but also its mutability and accessibility. Non-computing engineering students, as well as some physical science students, find C++ to be a useful language due to its heavy optimizations, despite its difficulty. A typical “C++” course, for people with no programming experience, is likely to require 3 hours weekly in-class to cover basic constructs.
  - By comparison, the “Scratch” language is entirely visual in nature, requiring no syntax whatsoever. Variables and simple; there are no mutability or accessibility limits, nor is memory management required. While it is limited in scope, it is non-trivial and can nevertheless be used 1) as a “stepping-stone” to more complex languages (see UC Berkley “beauty and joy of computing” curriculum). It may be useful to non-computing majors in this respect. A “Scratch” course could be covered in a once-per-week in-class meeting (1 credit hour), even for the same constructs as a more typical language, because it lacks typical syntax barriers.
  - It is the assumption that a 1-credit-hour section would meet once weekly, a 2 CH section would meet twice weekly, and a 3 CH

section would meet three times weekly. The form does not appear to have a place to state this. (Please advise if/where it should be added. Course description section unfortunately has a 500 character limit.)

**L. EEE 4XXX- Physical Attacks and Inspection of Electronics [A]**

- <https://secure.aa.ufl.edu/Approval/reports/16745>
- Comments:
  - None

**M. ENU 4XXX- Nuclear Security Science [A]**

- <https://secure.aa.ufl.edu/Approval/reports/17056>
- Comments:
  - None

**Liberal Arts and Sciences**

**N. ENG 4XXX- Topics in Collaborative Research [CA]**

- <https://secure.aa.ufl.edu/Approval/reports/15988>
- Comments:
  - Is this a lab course or combination lab/lecture?
    - The syllabus and request make some references to the course being lab in nature, “The course will function like a collaborative lab course.” [The course is not a lab course. I used that term as a metaphor, to describe a humanities course in which students conduct research collaboratively (as a larger group and/or in smaller groups) as can happen in science lab courses. Not officially a lab or combination lab/lecture. Email response, 9/9/22]
  - Is this course conducting research for an outside entity?
    - What is the relationship with the DBF? [This section had no official (funded or structural) relationship with the DBF project. We DID provide informal feedback on the metadata being developed for use with contemporary children's and young adult literature by the DBF team.]
  - What do students learn by conducting this work for the last half of the semester and how does it relate to the learning outcomes for the course? [After reading about the history of children's literature and publishing and about information management systems, including cataloging schemes, students learned how to "tag" or "code" literary titles with metadata even as they provided informal feedback on the usefulness of that metadata, which was a work in progress. This helped students learn how to analyze

the literature, think critically with it, and also reflect on how knowledge is organized and thematized. The course emphasized the three basic student learning outcomes for our curriculum - content knowledge, critical thinking, and communication skills. ]

- Please consider using the Recording policy language: [https://syllabus.ufl.edu/media/syllabusufledu/syllabi\\_policy\\_8\\_5\\_2021.pdf](https://syllabus.ufl.edu/media/syllabusufledu/syllabi_policy_8_5_2021.pdf)
  - Syllabus references this course as being a section of LIT 4311, please clarify what that means as the request is for a new course. [Because of the course's focus on children's literature, I taught this course using the LIT 4331 Children's Literature course structure, which can have varying content. But other sections of Topics in Collaborative Research would focus on a variety of other literatures as well as other strategies for collaborative research. Students might, for example, work with some of our Special and Area Studies Collections and learn how to do archival research in areas such as Anglophone Caribbean Literature or Florida history and literature.]
- Recommend submitting a more generic syllabus for the course request which captures the intent of creating the new rotating topics course being created.

#### 14. Proposed Changes to Undergraduate Courses

Approved	Conditionally Approved	Recycle
\WIS 3553C- Introduction to Conservation Genetics		
MUH 3211: History 1		

#### Agricultural and Life Sciences

##### A. WIS 3553C- Introduction to Conservation Genetics

[CA][A]

- <https://secure.aa.ufl.edu/Approval/reports/16940>
- Comments:
  - ~~Please add “C” designation to the provided syllabus. [Updated, 9/13/22]~~
  - ~~The course description in the syllabus differs from the course catalog. Has the course content changed? If not, please bring into alignment.~~
  - ~~Students with excused absences must be allowed to complete make-up work per UF Attendance Policy. Please clarify statement in Attendance section. Recommend.~~

##### B. MUH 3211: History 1

[A]

- <https://secure.aa.ufl.edu/Approval/reports/17593>
- Comments:

- Correction of previously approved request which used old prerequisite sequence numbering