University Curriculum Committee March 15, 2022

The UCC met from 1:00 to 3:00 p.m. via Zoom teleconferencing.

Attendees

Members

Angela Lindner, Vandana Baweja, Katie Basinger, Joel Brendemuhl, Timothy Brophy, Abdol Chini, Stephanie Hanson, Christopher Janelle, Crystal Marull, Czerne Reid, Kellie Roberts, Richard Scholtz, Jennifer Setlow, Tina Smith-Bonahue, Lauren Solberg, Joseph Spillane, Erica Studer-Byrnes, Han van Oostrom, Katie Vogel Anderson, Shawn Zimmer

Liaisons

Corrin Fleming, Casey Griffith, Lee Morrison, Toby Shorey, James Silvers

Guests

Arunava Banerjee, Konstantina Christodoulpoulou, Jennifer Clark, Lisa House, Dylan King, Maria Leite, John Seppala, Ravi Srinivasan, Amy Stein, Frankie Tai, Stacy Wallace

Welcome

Notes

1. Approval of minutes of the February meeting. | Dr. Lindner
   Approved.

2. Update from the Faculty Senate. | Dr. Baweja
   Faculty Senate approved changes to 2024-2025 academic calendar. Aligning spring breaks with Alachua County Public Schools. In a recent positive development, Alachua County has also agreed to align spring breaks next year. Calendars will soon all be caught up for normal 5-year advance approval. Faculty Senate reviewed the creation of the Professional Curriculum Committee, and raised questions about this adding an additional layer of bureaucracy. Dr. Lindner assured Faculty Senate that this would be better suited to professional curricula and remove some burden from other committees. PCC was approved.

Programs

3. [Proposed Combined Degree between the Bachelor of Science in Construction Management and the Master of Science in Construction Management in the College of Design, Construction and Planning](#) | Dr. Chini | 16762
   Ravi Srinivasan presented this request. 12 overlapping credits between undergraduate and graduate programs, 3.4 upper division GPA required in undergraduate program. This program has been used successfully for some time, but getting it officially approved now.
   Conditionally Approved. Need clarification on acceptance guidelines for Masters program.

4. [Proposed modification of critical tracking and elective courses in the Data Science Major in the College of Liberal Arts and Sciences](#) | Dr. Spillane | 16662
   Add 5 new subject area electives, and update elective Linguistics Special Topics to LIN 4071 (reflecting new number designation). Shifting Critical Tracking requirements down to later

semesters, leaving room for prerequisites in early terms. Making this major more accessible to students who have already matriculated or transferred into UF and change majors.
Approved.

5. [Proposed modification of the programming requirement and math science elective in the Statistics major in the College of Liberal Arts and Sciences](#) | Dr. Spillane | 16648
Dr. Spillane presented items 5 and 9 together. Replace Programming Electives with specific course in the Core of major. Remove MAS4115 from Core in BA, make this an elective option.
Approved.

6. [Proposed addition of approved courses and electives to meet the requirements for the Biology major in the College of Liberal Arts and Sciences](#) | Dr. Spillane | 16901
Add newly approved courses and electives as eligible to meet curriculum requirements for the Biology major. The addition will apply for all catalog years so that students from previous admission terms can also use these courses.
Approved.

7. [Proposed modification to the Bachelor of Arts in Mathematics in the College of Liberal Arts and Sciences](#) | Dr. Spillane | 16757
Increasing course sequence options for Additional Required Coursework requirement for Calculus. Also adding MAA4211 to semester 7 Critical Tracking.
Approved.

8. [Proposed adjustment of credits to the model semester plan of the Physics major in the College of Liberal Arts and Sciences](#) | Dr. Spillane | 17011
Decreasing number of credits for a Core/tracking course EEL3396C. One credit of elective added to major to compensate. Lots of one credit elective options available for students to fill this requirement.
Approved.

9. [Proposed removal and replacement of "Programming electives" in the Statistics major in the College of Liberal Arts and Sciences](#) | Dr. Spillane | 16649
See above. Approved.

10. [Proposed curriculum changes to the Education Sciences major in the College of Education](#) | Dr. Smith-Bonahue | 16916
Adding permanent course numbers to plan for newly approved course additions. EDG4931 has been approved as a two credit course, which changes semester 7 and 8 tracking. Instead of one credit of Senior Seminar in both terms, two credits will be taken in semester 8. Both UFO and On Campus majors will be adjusted.
Approved.

11. [Proposed Early Childhood Studies Minor within the Bachelor of Arts in Education Sciences Degree](#) | Dr. Smith-Bonahue | 17015
Adding new minor in Early Childhood Studies, 15 credits including recently approved courses. This would serve for use in professional environment. This minor does not offer teaching certification.
Approved.

12. [Proposed curriculum update to the CSE program model semester plan in the College of Engineering](#) | Dr. Taylor | 17036
Dr. van Oostrom presented this item. Adding EGN4952 and CIS4914 as options for semester 8.
Approved.

13. [Proposed addition of the Management and Sales in Agribusiness minor in the College of Agricultural and Life Sciences to UF Online](#) | Dr. Brendemuhl | 16867
    This item was presented by Dr. Lisa House. Adding this minor as an option for UFO students. Electives differ slightly as some courses are only on campus, but adding online offerings for these courses is being discussed.
    Approved.
14. [Proposed modification of the course sequence of the Communication Sciences and Disorders major in the College of Public Health and Health Professions](#) | Dr. Gauger | 16997
    Dr. Hanson presented this item. Changing course sequence for this major. Making Critical Tracking more specific with course codes. Rearranging courses to better introduce students to topic matter and provide better foundation in early semesters. Removing PSB3002 as this is not currently being taught.
    Approved.

Academic Assessment Committee

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

    - Education Sciences (EDS_BA) ALC Revisions – **Approved**

    - EVE ALC Change – **Approved**

    - SLO Changes – **Approved**

    - ALC updates to FYCS Major – **Conditionally Approved**

    - Classics MA SLO revisions – **Conditionally Approved**

    - Classics PhD SLO Revisions – **Conditionally Approved**

    - Combined BS APK + MS APK Degree Program – **Recycled**

    - Updated BFA Graphic Design SLOs, ALC, Curriculum Map – **Recycled**

Graduate School

16. Notice of items from the Graduate School (information only).

    - The College of Engineering seeks to modify the curriculum for the Ph.D. in Biomedical Engineering | 16388

    - The College of the Arts seeks to create a new secondary concentration in Music Business & Entrepreneurship | 16812

    - The College of Pharmacy seeks to modify the Medication Therapy Management concentration | 16913

    - The College of Design, Construction and Planning seeks to create a combination degree between the Bachelor of Science in Construction Management and the Master of Science in Construction Management | 16762

Certificates

Graduate

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

- None

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

- The College of Engineering seeks to close the graduate certificate in Microsystem Technology | 16779

Undergraduate

19. Proposed new undergraduate certificates.

- None

20. Proposed changes to undergraduate certificates.

- [Proposed changes to the description and requirements of the Medical Anthropology certificate](#) | 16807
  Update certificate description, prerequisites, and required course options. Adding seven courses which are more focused on current Medical Anthropology, and removing four courses which are more biologically focused.
  Approved.
- [Proposed modification to the elective courses in the AI Fundamentals and Applications certificate](#) | 16969
  Adding GIS4123C as an option for CLAS College Specific electives.
  Approved.

Professional

21. Proposed new professional certificates.

- None

22. Proposed changes to professional certificates.

- None

Courses

Undergraduate

23. Proposed new undergraduate courses.

Arts

- [ARH 1XXX Revolution and Reconciliation in America and South Africa](#) | 16951 – Conditionally Approved.

Updated Course title: Gaming War & Peace in the United States and South Africa

Dr. Hanson commented that evaluating "enthusiasm" may not be related to course goals. Perhaps revise this wording – "fully engaged with…"

Health and Human Performance

- SPM 4912 Undergraduate Supervised Research | 16848 – Conditionally Approved.

  May need revision to grading rubric. Separate paper component from fourth component.

Liberal Arts and Sciences

- AMH 1XXX Fight for Your Rights: The Long Civil Rights Movement | 16862 – Conditionally Approved.

  Course objectives not matching course materials/readings. Course objectives may need modification.

- CHT 3XXX Tales of the Strange in Medieval Chinese Literature | 16776 – Approved.

- REL 1XXX Religious Extremism | 16581 – Approved.

- REL 1101L Nature, Spirituality and Popular Culture | 16738 – Conditionally Approved.

- SPN 1XXX Las Americas: Comida y Conflicto | 16875 – Conditionally Approved.

- WST 4XXX Latinx Sexualities | 16432 – Approved.

24. Proposed changes to undergraduate courses.

Engineering

- BME 4931 Special Topics in BME: Learning Assistant Program | 17023 – Denied.

  A separate new course will be created for this, as opposed to using a Special Topics course.

- EIN 4335 Senior Design Project | 16948 – Approved.

- EIN 4360C Facility Planning and Work Design | 16950 – Approved.

- EIN 4451 Lean Production Systems | 16947 – Approved.

- ENV 3001 Core 1: Introduction to Environmental Systems | 16936 – Approved.

- ESI 4523 Industrial Systems Simulation | 16946 – Approved.

Arts

- DIG 4841 Undergraduate Research Forum | 16790 – Approved.

Journalism and Communications

- RTV 3516 Electronic Field Production 2 | 16766 – Approved.

Liberal Arts and Sciences

- ANT 3355 The Primates | 16868 – Approved.

- ANT 4455 Primate Behavior | 16838 – Recycled.

  Clarify off-campus requirements for trips to Santa Fe Zoo.

- FRE 4411 French for Proficiency | 16791 – Approved.

- GER 1130 Beginning Intensive German 1 | 16787 – Approved.

- GER 1131 Beginning Intensive German 2 | 16788 – Approved.

- GIS 3043C Foundations of Geographic Information Systems | 16771 – Conditionally Approved.

  Clarify removal of 2000-level Geography course prerequisite. This may need to be revised.

- GIS 3420C GIS Models for Public Health | 16728 – Approved.

- IDS 2334 Chemistry in the Cocina Latina | 17002 – Approved.

- IHS 3935 Human Dimensions in Health | 16931 – Conditionally Approved.

- MAA 4102 Introduction to Advanced Calculus for Engineers and Physical Scientists 1 | 16752 – Approved.

- MAA 4103 Introduction to Advanced Calculus for Engineers and Physical Scientists 2 | 16753 – Approved.

- MAA 4211 Advanced Calculus 1 | 16754 – Approved.

- MAA 4212 Advanced Calculus 2 | 16755 – Approved.

Professional

25. Proposed new professional courses.

    Law
    - LAW 6XXX Business Associations | 17107 – Approved.
    - LAW 6XXX Oceans and Coastal Law | 17106 – Approved.
    - LAW 7XXX Introduction to US Tax Law | 17114 – Conditionally Approved.

      Clarify unexcused absence grading based on in-class polls or disruptions.

26. Proposed changes to professional courses.

    Law

    - LAW 6051 Secured Transactions in Personal Property | 17109 – Approved.

- LAW 6052 Creditors Remedies and Bankruptcy | 17098 – Approved.

- LAW 6315 Arbitration Law | 17116 – Approved.

- LAW 6363 Trial Practice | 17117 – Approved.

- LAW 6503 Florida Constitutional Law | 17096 – Approved.

- LAW 6798 Advanced Legal Research | 17097 – Approved.

Joint

27. Proposed new joint courses.

Engineering

- EML 4XXX Industrial Energy Management | 16998 – Conditionally Approved.

  Clarify participation policy and course objectives. Clarify prerequisite, as it is currently a 3000-level undergraduate course.

- EML 4XXX Solar Energy Utilization | 17001 – Conditionally Approved.

  Clarify course objectives.

Arts

- MUN 3013 Ensemble Participation | 16917 – Conditionally Approved.

  Change to 4000-level course to follow precedent for joint course codes.

Liberal Arts and Sciences

- ANT 4XXX Applying GIS in Archaeological Research | 16840 – Recycled.

  Must submit syllabus and consults.

28. Proposed changes to joint courses.

- None

5000-Level

29. Proposed new 5000 level courses.

- None

30. Proposed changes to 5000 level courses.

- None

Graduate

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

- ADV 5825 Search and Display Advertising
- ADV 8515 Inbound Marketing Strategy
- AEB 7220 Agricultural Trade Policy and Welfare Economics
- AEB 7333 Applied Valuation Methods
- AEB 7504 Mathematical Statistics for Applied Econometrics
- AEB 7573 Applied Microeconometrics
- APK 6320C Corrective Exercise
- APK 6611 Tactical Strength & Conditioning
- CNT 6530 Mobile Networking
- COM 6565 Social Media Community Management
- EDG 6448 Research Design in Curriculum and Instruction
- EEC 6636 Examining Practices and Key Issues in Early Childhood Policy
- EEC 6665 History, Child Development, and Equity in Early Childhood Policy
- EEC 6667 Theory and Analysis in Early Childhood Policy
- EGS 6971 Research for Master's Thesis
- EGS 7979 Advanced Research
- EGS 7980 Research for Doctoral Dissertation
- ESI 6617 High-Dimensional Data Analytics
- FIN 6779 Artificial Intelligence & Machine Learning for Finance & FINTECH
- MMC 5007 Introduction to Audiences
- MMC 5155 Copywriting for Digital Messaging
- MMC 5616 Introduction to Political Organizing
- MMC 6035 Personal Branding and Digital Reputation Management
- MMC 6639 Non-Profit and Government Communication
- PUR 5107 Strategic Writing for Public Relations
- PUR 6509 Public Relations Measurement and Evaluation
- PUR 6603 Public Relations Strategy and Messaging

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

- EEX 6661 Fundamentals of Behavior Assessment and Intervention
- LAS 6938 Special Topics in Latin American Studies
- MAN 5357 Creativity and Health: Foundations of the Arts in Medicine
- MAN 7108 Seminar in Research Concepts and Methods in Management
- MAN 7109 Seminar in Motivation, Attitudes and Leadership
- MAN 7208 Seminar in Contemporary Approaches to Entrepreneurship and Organizations
- MAN 7267 Seminar on Groups and Teams Research
- MAN 7779 Seminar in Strategic Processes, Innovation, and Entrepreneurship
- REE 6206 Primary Mortgage Markets and Institutions

Meeting adjourned at 2:38 p.m.

Compiled Before the Meeting

University Curriculum Committee Program and Course Recommendations

[March 15, 2022]

Program Recommendations

3. Proposed Combined Degree between the Bachelor of Science in Construction Management and the Master of Science in Construction Management in the College of Design, Construction and Planning. **[CA][A]**
   - https://secure.aa.ufl.edu/Approval/reports/16762
   - Summary:
     - The College of Design, Construction and Planning seeks to create a combination degree between the Bachelor of Science in Construction Management (B.S.C.M.) and the Master of Science in Construction Management (M.S.C.M.).
     - 12 credits.
   - Comments:
     - Please provide proposed catalog copy/content for this specific program. For examples please see the following webpages: https://catalog.ufl.edu/UGRD/academic-advising/combined-degrees/ [Uploaded, 3/10/22]

4. Proposed modification of critical tracking and elective courses in the Data Science Major in the College of Liberal Arts and Sciences. **[A]**
   - https://secure.aa.ufl.edu/Approval/reports/16662
   - Summary:
     - Add 5 new subject area electives, and update elective Linguistics Special Topics to LIN 4071 (reflecting new number designation)
     - Natural Science category added to (Humanities or Social Sciences) subject area electives and removed restriction that all (3) electives must be from the same category.
     - Critical tracking updated by shifting down (to later terms) as many requirements as possible without being detrimental and moving by 1 term up a few tracking requirements that are prereqs to other tracking requirements.
       - shifting computer science requirements down 1 term.

- updating tracking for STA 2023, to STA 2023 or 3032 to reflect existing condition stated under "Coursework for the Major" and shifting it from term 1 to term 2.
- shifting MAS 3114 from term 5 to term 4.
- shifting core sequence STA 4321-4322 from terms 6-7 to 5-6.
- adding core STA 4241 to critical tracking.
- shifting PHI 3681 from term 5 to 6.
    - o Update Plan of Study (Model Semester Plan) to reflect changes in critical tracking and a more natural progression through the major.
    - o Edits to catalog to reflect that COP 3502 + 3503 changed from 3 to 4 credits each
- Comments:
    - o Just one minor point of clarification/no need for response: STA 4241 is not a "critical" tracking course but, rather, an upper division tracking course. Unlike the upper division tracking courses, critical tracking courses are those typically in Semesters 1-4 that are accompanied by a GPA requirement and penalty if the GPA minimum is not maintained.
    - o Another minor point: PHZ3152 is not included in the course listing in the undergraduate catalog.
    - o Just a comment: This is a well-prepared submission! I anticipate these changes will facilitate transfer students, along with the mentioned change/add major requests.

5. Proposed modification of the programming requirement and math science elective in the B.A. Statistics major in the College of Liberal Arts and Sciences. **[A]**
    - https://secure.aa.ufl.edu/Approval/reports/16648
    - Summary:
        - o Replace "Programming Electives", by selecting only STA 3100 (Programming with data in R) and placing it as a core course. Subsequently, updating tracking in semester 5 and 6 to specify STA 3100 instead of programming elective.
        - o Move MAS 4115 from core "linear algebra" pool to "Math and Science Elective".
    - Comments:
        - o Just a comment: The shift to requiring only STA3100 is a direct response to student evaluations that reported not being prepared for the programming in specific courses. Thank you for taking the course evaluations to heart!

6. Proposed addition of approved courses and electives to meet the requirements for the Biology major in the College of Liberal Arts and Sciences. **[A]**
    - https://secure.aa.ufl.edu/Approval/reports/16901
    - Summary:

- Add newly approved courses and electives to meet curriculum requirements for the Biology major.
  - MCB 4271L (Antimicrobial Resistance Lab 1), PCB3402 (Disease Ecology and evolution), PHI 3633 (Bioethics), Marine Biology (ZOO 4403C), Animal Behavior (ZOO 4050), BSC3307C, Climate Change Biology PCB3109, Cancer Biology and BSC4930, Special Topics in Biology
- Comments:
  - This comment does not impact the recommendation. Since this requested change involves both the residential and online programs, please submit a separate listing of courses available to the UFO students. It appears that the lists submitted for the BA and BS Biology programs are for residential students only.

7. Proposed modification to the Bachelor of Arts in Mathematics in the College of Liberal Arts and Sciences. **[R][A]**
   - https://secure.aa.ufl.edu/Approval/reports/16757
   - Summary:
     - The sequence MAA4211 & MAA4103 is added as an option in the Additional Required Coursework for B. A.
     - The sequence MAA4211 & MAA4402 is added as an option in the Additional Required Coursework for B. A.
     - Additional Required Coursework: Added note for MAA4211 & MAA4402 option: If this option is selected, then MAA4402 (or MAA5404) cannot be used to satisfy the mathematics elective requirement.
     - NOTE: This request also includes a change to the upper division tracking requirements in Semester 7 with the addition of MAA4211.
   - Comments:
     - MAA 4211 and MAA 4402 are not in the semester plan, yet this document lists those two courses as options for completing the degree. Need to be clarified.
     - Need an uploaded and updated semester plan to reflect these two courses.
       [Currently, students in the MAT BA track have the option of choosing one of the following sequences:
       - (MAA4102-MAA4103) or (MAA4211-MAA4212) or (MAA4211-MAA4103). The current model semester plan includes only the sequence MAA4102-MAA4103 as a suggested sequence. If the requested change is approved, then students will be able to choose a fourth sequence, MAA4211-MAA4402, instead of the three listed above.
       - 1) Since we don't include any of the two alternative sequences (MAA4211-MAA4212) or (MAA4211-MAA4103) currently allowed in the model semester plan, I believe that it would be confusing to students to include MAA4211-MAA4402 in the model semester plan.
       - 2) Allowing the sequence (MAA4211-MAA4402) will provide more flexibility but it not more preferred than the other sequences not listed in the current semester plan.

- - - 3) Our majors typically complete the prerequisites for MAA4402 in the first two years and most of them complete MAA4402 earlier than MAA4211 or MAA4102. There is no particular reason, though, for MAA4402 to be completed during a specific semester and included in the semester plan.
    - 4) However, MAA4102 appears in critical tracking Semester 7 so I have attached here (and uploaded in the course approval system) a change to allow MAA4102 or MAA4211 to fulfill that critical tracking requirement as this is our intention. Email, 3/9/22]
  - ~~Please add semester plan footnote in Semester 6 and 7 next to MAA 4102/4103 for: *See other options in overview tab. Include additional options in the required courses section of Overview.~~
    - o ~~[Uploaded 3/11/22]~~

8. Proposed adjustment of credits to the model semester plan of the Physics major Nanoscience specialization in the College of Liberal Arts and Sciences. **[~~CA~~][A]**
   - https://secure.aa.ufl.edu/Approval/reports/17011
   - Summary:
     - EEL3396C - Solid State Electronic Devices is changing from 4 credits to 3 credits
       - Adding one additional credit to the model semester plan as elective in sem 1.
   - Comments:
     - ~~Are the highlights in the document meant to indicate footnotes?~~ [The highlighting for the physics catalog copy for the nanoscience specialization was from our original submission for approval intended to highlight the difference between this specialization and the regular BS degree. Email, 3/11/22]
     - ~~Is the footnote for the overview and the semester plan the same?~~ [Yes]

9. Proposed removal and replacement of "Programming electives" in the B.S. Statistics major in the College of Liberal Arts and Sciences. **[~~CA~~][A]**
   - https://secure.aa.ufl.edu/Approval/reports/16649
   - Summary:
     - Replace "Programming Electives", by selecting only STA 3100(Programming with data in R) and placing it as a core course.
     - Updating tracking in semester 5 and 6 to specify STA 3100 instead of programming elective.
   - Comments:
     - ~~Will the "Programming with Data in R" course be added as a prerequisite to later courses?~~ [STA 3100 – Programming with Data in R is currently a required prerequisite to core course STA 4210 (needed for STA majors, DAT majors, STA minors). As, such STA 3100 was removed as prerequisite to other 4000 level courses that have as a mandatory requirement STA 4210, e.g. STA 4211, 4241, 4273, 4853, etc. It is also

the only prerequisite to STA 3180 – Statistical modeling. It is also planned to be added as a prerequisite to core course STA 4504, as its prerequisites have a path that does not require STA 4210…although it is encouraged for students to take STA 4210 first. Email, 3/9/22]
  o Just a comment: The shift to requiring only STA3100 is a direct response to student evaluations that reported not being prepared for the programming in specific courses. Thank you for taking the course evaluations to heart!

10. Proposed curriculum changes to the Education Sciences major in the College of Education. **[A]**
   - https://secure.aa.ufl.edu/Approval/reports/16916
   - Summary:
     o Updating catalog copy with permanent course numbers:
        ▪ EDG2021 Critical Issues in Education
        ▪ EDG4931 Senior Seminar (1 course for 2 credits)
        ▪ EDG4078 Experiential Learning
   - Comments:
     o Note that the approval of EDG4931 for 2 credits shifts the Senior Seminar requirement from a 1 credit requirement in Semesters 7 and 8 to a 2credit hour requirement in Semester 8.

11. Proposed Early Childhood Studies Minor in the College of Education. **[A]**
   - https://secure.aa.ufl.edu/Approval/reports/17015
   - Summary:
     o Proposed undergraduate Early Childhood Studies minor will serve new audiences, both within the college, and beyond, particularly those in the professions that currently have a lifespan focus beginning at birth: Occupational Therapy, Physical Therapy, Speech & Language Pathology, Social Work, Nursing, Law, Psychology, etc. Our courses are not intended for people who want state certification in early childhood.
     o 15 credit minor
   - Comments:
     o Note that none of the courses listed for this minor are included in the course listing of the catalog. [New courses previously approved by the UCC, will be entered prior to 2022-23 catalog.]
     o What are any pre-requisite courses required for these 5 proposed courses in the minor? If any, they should be listed on the catalog copy. [Junior standing or higher]

12. Proposed curriculum update to the CSE program model semester plan in the College of Engineering. **[C̶A̶][A]**

- https://secure.aa.ufl.edu/Approval/reports/17036
- Summary:
  - Updates to the model semester plan within the Catalog to be consistent with the previously approved CSE degree program curriculum and documentation.
- Comments:
  - Please confirm semester 8 change is giving students the option of EGN 4952 or CIS 4914. UCC form indicates CIS course is replacing EGN course, but catalog copy shows it's an either/or for students. [Updated and confirmed.]
  - Note the spelling of "Biological" in Semester 5 in the approval form submission (Proposed Curriculum Changes).
  - I assume that a student will take EGN4952 (IPPD2) in Semester 8 if they've taken EGN4951 (IPPD1) in Semester 7 since the latter is a pre-requisite of the former. Does EGN4951 fulfill a requirement for a Technical Elective in Semester 7? Would it be helpful to students to add a footnote in the semester plan that informs them that they should take EGN4952 in Semester 8 only if they've successfully completed EGN4951 in Semester 7?

13. Proposed addition of the Management and Sales in Agribusiness minor in the College of Agricultural and Life Sciences to UF Online. **[A]**
    - https://secure.aa.ufl.edu/Approval/reports/16867
    - Summary:
      - Differences from Residential Program The residential program calls for 4 required classes (AEB3122 or 3144; AEB 3133; AEB 3300; and AEB 3341) and an approved elective from a set of 6 courses. The proposed online program will have the same 4 required classes, but the approved electives list will differ as many of the 6 are not offered online. The two approved electives that will be included for the online program will be AEB 4424 and AEB3671.
      - Has UFO letter of support.
    - Comments:
      - Minor comment: Are there plans to increase the number of available approved electives for UFO students?

14. Proposed modification of the course sequence of the Communication Sciences and Disorders major in the College of Public Health and Health Professions. **[~~CA~~][A]**
    - https://secure.aa.ufl.edu/Approval/reports/16997
    - Summary:
      - Modifications to overview and critical tracking to reflect additional changes to model semester plan.

- Semester 3
  - delete SPA 3003 Phonetic Theory and Transcription (Critical Tracking; if available this semester; otherwise select an elective).
  - delete PSB 3002 Physiological Psychology (critical tracking).
  - change number of electives from 3 to 6.
- Semester 4
  - delete SPA 3003 Phonetic Theory and Transcription (critical tracking; if not taken previously; or elective)".
  - change Electives "4" to "7".
- Semester 5
  - delete "SPA 3003 Phonetic Theory and Transcription (Critical Tracking, if not taken previously)."
  - add SPA 4004 Language Development (critical tracking) 3 credits
- Semester 6
  - delete ENC 3254 Professional Writing in the Discipline and SPA 4004 Language Development.
  - add "SPA 3003 Articulatory, Acoustic and Auditory Phonetics (critical tracking)" and "SPA 4400 Introduction to Language Disorders (critical tracking)".
  - add "college-approved" to 3000 level or above.
- Semester, 7
  - add ENC 3254 Professional Writing in the Discipline.
  - credits for "electives (3000 level or above)" should be changed from 6 to 3.
- Semester 8,
  - delete SPA 4400 Introduction to Language Disorders.
  - add "Elective (3000 level or above) 6 credits" and change Elective College-approved from 6 to 3.

- Comments:
  - ~~Please verify that the UF online and on campus versions are the same, If the residential and online versions differ, please upload two different documents.~~ [The changes requested for the campus and UF online programs are the same. Email, 3/9/22]
  - Minor question: Will SPA3011 be added as a prerequisite of SPA3003 since the program believes that the former should be taken before the latter? Will other pre-requisites be changed as a result of this shifting of course order?

20. Certificates

Proposed changes to the description and requirements of the Medical Anthropology certificate. **[A]**

- https://secure.aa.ufl.edu/Approval/reports/16807
- Summary:
  - Requested change in certificate description with a new list of major elements of anthropology covered:
    1. Current: biological anthropology, forensic anthropology, archeology, cultural anthropology, linguistic
    2. Requested: biological anthropology, archaeology, cultural anthropology, linguistic anthropology
  - Change certificate prerequisites to successful completion of at least one of the following:
    1. ANT 2301 Human Sexuality and Culture 3
    2. ANT 2410 Cultural Anthropology 3
    3. ANT 2464 Things Your Doctor Never Told You: Intro to Medical Anthropology 3
    4. ANT 3514C Introduction to Biological Anthropology 4
  - Change required course options:
    1. Add
       a. ANT 2464 Things Your Doctor Never Told You: Introduction to Medical Anthropology
       b. ANT 4484 Anthropology of Pregnancy, Birth, and Early Childhood Development
       c. ANT4930 Hospital Ethnography
       d. ANT4930 Whiteness
       e. ANT 3930 Junior Topics in Anthropology
       f. ANT 4930 Epigenetics and Human disease
       g. Approved research topics course (ANT4905, ANT4907)
    2. Remove
       a. ANT 3514C Introduction to Biological Anthropology
       b. ANT 3515 Human Evolutionary Anatomy
       c. ANT 4525 Human Osteology and Osteometry
       d. ANT 4531 Molecular Genetics of Disease
- Comments:
  - Please note that a separate submission in the approval system is required for academic assessment plan changes.

Proposed modification to the elective courses in the AI Fundamentals and Applications Certificate. **[A]**

- https://secure.aa.ufl.edu/Approval/reports/16969
- Summary:
  - Add GIS 4123C GeoAI – Geographic Artificial Intelligence to CLAS option.

- Comments:
  - Note that the "Proposed Requirements" section of the approval form does not include the addition of the GIS4123C course to the CLAS offerings.

COURSE RECOMMENDATIONS

23. Proposed New Undergraduate Courses

Approved	Conditionally Approved	Recycle
ARH 1XXX– Gaming War & Peace in the United States and South Africa	REL 1101– Nature, Spirituality and Popular Culture (p. 11)	
SPM 4912– Undergraduate Supervised Research	SPN 1XXX– Las Americas- Comida y Conflicto (p. 11-12)	
AMH 1XXX– Fight for Your Rights: The Long Civil Rights Movement		
CHT 3XXX– Tales of the Strange in Medieval Chinese Literature		
REL 1XXX– Religious Extremism		
WST 4XXX– Latinx Sexualities		

Arts

A. ARH 1XXX– Gaming War & Peace in the United States and South Africa **[R][CA][A]**
- https://secure.aa.ufl.edu/Approval/reports/16951
- Quest 1 permanent
- Comments:
  - The transcript title and course title should align more. Please update. [I have updated the course title to align with the transcript title. New course title: Gaming War & Peace in the United States and South Africa. The transcript title needs to keep "games" because it signals an important element of the class to students. They seem to see the transcript title more than the official course title. They should know what they are getting into. So, I changed the course title to align. Email, 3/8/22]
    - Course Title: Gaming War & Peace in the United States and South Africa
    - Transcript Title: War&Peace History Games US/SA
      - Updated: Gaming War&Peace US/S. Africa
  - Are students completing assignments in groups, if so please provide more detail regarding grading of group assignments (speech outlines). [Students are not completing assignments in groups. The speech outline is not a group assignment. Students have different due dates for the speech outline (determined by the day they are scheduled to give their speech in class). They

are grouped by due date, but it is not a group assignment. They complete the assignment individually and are graded individually.]

Health and Human Performance

B. SPM 4912– Undergraduate Supervised Research **[A]**
- https://secure.aa.ufl.edu/Approval/reports/16848
- Comments:
  - None

Liberal Arts and Sciences

C. AMH 1XXX– Fight for Your Rights: The Long Civil Rights Movement **[~~CA~~][A]**
- https://secure.aa.ufl.edu/Approval/reports/16862
- Quest 1 Permanent
- Comments:
  - ~~Is there a e-reserve list for ebook sat the UFlibrary? What do students without a credit card do to download the ebooks?~~ [If you use an .edu email address, you do not have to enter credit card information. I made note of this on the syllabus. I will ask the library to put it on e-reserve. Email, 3/7/22]
  - ~~Does "Section Grade" mean participation grade?~~
    - ~~How will this be assessed?~~ [Section grade means participation grade. I made the change in the syllabus, so it is now "Participation Grade." There is an attached rubric that shows how participation is assessed.]
  - ~~Is final exam due on last day of class? If cumulative, should be due during finals week.~~ [The final exam is NOT cumulative. I made note of this on the syllabus and will leave its due date unchanged.]
  - Minor question that does not affect the recommendation: Both the mid-term and final exams are take-home. What is the format of these exams, and how is academic integrity ensured?

D. CHT 3XXX– Tales of the Strange in Medieval Chinese Literature **[A]**
- https://secure.aa.ufl.edu/Approval/reports/16776
- Comments:
  - None

E. REL 1XXX– Religious Extremism: **[~~CA~~][A]**
- https://secure.aa.ufl.edu/Approval/reports/16581
- Quest 1 Permanent

- Comments:
  - ~~Will instructor facilitate matching student interviews with community religious leaders/members?~~ [The students are primarily finding relevant communities/religious leaders to interview, but the instructor will be give help, advise, and support when/if the students encounter problems. Email, 3/10/22]

F. REL 1101– Nature, Spirituality and Popular Culture: **[CA]**
- https://secure.aa.ufl.edu/Approval/reports/16738
- Quest 1 Permanent
- Comments:
  - Are videos available through the library or for rent online so students don't have to purchase Netflix? Response to Quest reviewers indicates yes, just confirming. [Netflix: no, they need not subscribe to Netflix. The library has most of the video resources or I find them online for them or provide them directly. Email Response, 3/11/22]
  - Description of the quizzes is 100 points but the grade breakdown says 75 points, please clarify or correct.
  - Grading scale is unclear; is 95 or higher an A, 90-94 an A-, etc.?
  - Under Extra Credit, the optional slideshow is not mentioned but is referenced in other portions of syllabus. Please clarify.
  - ~~Please change the description of this request on the approval form, which should describe a request for permanent approval of the course and not for general education designations. The latter approval by the General Education Committee will follow this UCC approval process. Thank you.~~
  - ~~Why is this course listed as a laboratory course (L), which typically involves only hands-on activities and little if any formal lectures?~~ [Accidental selection, Lab has been removed from title and form. -CG, 3/14/22]

G. SPN 1XXX– Las Americas- Comida y Conflicto: **[CA]**
- https://secure.aa.ufl.edu/Approval/reports/16875
- Quest 1 Permanent
- Comments:
  - Please remove "Gordon Rule references is in syllabus. This is now referred to as the UF Writing Requirement.
  - What is the purpose of the selfie requirement, will students be encouraged to request permission of the interviewee first?
  - How will the selfies be submitted?

- It is recommended having students submit a selfie of themselves at the location of the interview or a release form for the interviewee to be provided by students clarifying where the selfie will be submitted/uploaded/handled.
  - How many "Voice Thread" assignments will there be?

H. WST 4XXX– Latinx Sexualities: **[CA][A]**
- https://secure.aa.ufl.edu/Approval/reports/16432
- Comments:
  - ~~Are all texts required and if so are they available on course reserve for the students?~~ [Yes all the readings are available on course reserve or pdfs on Canvas. Email, 3/9/22]

24. Proposed Changes to Undergraduate Courses

Approved	Conditionally Approved	Recycle	Deny
ANT 3555- The Primates		ANT 4552- Primate Behavior (p.15-16)	BME 4931- Special Topics in BME: Learning Assistant Program (p. 13)
EIN 4335- Senior Design Project			
EIN 4360C- Facility Planning and Work Design			
EIN 4451- Lean Production Systems			
ENV 3001- Core 1: Introduction to Environmental Systems			
ESI 4523- Industrial Systems Simulation			
RTV 3516- Electronic Field Production 2			
Chemistry in the Cocina Latina			
IHS 3935- Human Dimensions in Health			
FRE 4411- French for Proficiency			
GIS 3043C- Foundations of Geographic Information Systems:			
GIS 3420C- GIS Models for Public Health			
GER 1130- Beginning Intensive German 1			

GER 1131- Beginning Intensive German 2			
MAA 4102- Introduction to Advanced Calculus for Engineers and Physical Scientists 1			
MAA 4103- Introduction to Advanced Calculus for Engineers and Physical Scientists 2			
MAA 4211- Advanced Calculus 1			
MAA 4212- Advanced Calculus 2			

Engineering

I. BME 4931- Special Topics in BME: Learning Assistant Program: **[D]**
- https://secure.aa.ufl.edu/Approval/reports/17023
- Comments:
  - Please clarify this request's purpose, is the intent to make a single section of this course S/U? [Yes, this should only apply to the section of BME 4931 being used for the LA program. Email, 3/8/22]
    - Please create a new course request as a separate course with S/U. Doing so will prevent confusing this section with other special topics sections and will enable accurate tracking of students in this course for experiential learning requirements.

J. EIN 4335- Senior Design Project: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/16948
- Comments:
  - Updating prerequisites.

K. EIN 4360C- Facility Planning and Work Design: **[CA][A]**
- https://secure.aa.ufl.edu/Approval/reports/16950
- Comments:
  - Updating the Credits, course description, lab suffix and pre-requisite for EIN4360C
  - Is/will the credit change be reflected in a curriculum change request? [EIN4360C is a restricted elective, not a required course and it is not listed by name in the model semester plan in the catalog. It is one of the restricted elective courses that appear in semesters 7-8 in the plan. Therefore, I do not believe that a curriculum change request is necessary. Email, 3/7/22]

L. EIN 4451- Lean Production Systems: **[A]**
    - https://secure.aa.ufl.edu/Approval/reports/16947
    - Comments:
        - Updating prerequisites.

M. ENV 3001- Core 1: Introduction to Environmental Systems: **[A]**
    - https://secure.aa.ufl.edu/Approval/reports/16936
    - Comments:
        - Updating prerequisites.

N. ESI 4523- Industrial Systems Simulation: **[A]**
    - https://secure.aa.ufl.edu/Approval/reports/16946
    - Comments:
        - Updating prerequisites.

Arts

O. DIG 4841- Undergraduate Research Forum: **[A]**
    - https://secure.aa.ufl.edu/Approval/reports/16790
    - Comments:
        - Request is to change the title and description.

Journalism and Communications

P. RTV 3516- Electronic Field Production 2: **[R][A]**
    - https://secure.aa.ufl.edu/Approval/reports/16766
    - Comments:
        - Reduce the number of credits in RTV 3516 from 4 to 3.
        - Please clarify attendance policy to allow for excused absences.
        - This appears to be a required course, this will necessitate a curriculum change request. Is one being submitted?
            - Will another course be increased by 1 credit? Will the total credit hours be reduced for the degree?
            - (See RTV 4929C [#16767] in approval, pending on second March agenda).
                - This request is in conjunction with earlier request (previously recycled) now pending at UCC.

Liberal Arts and Sciences

- Q. ANT 3555- The Primates: **[R][A]**
  - https://secure.aa.ufl.edu/Approval/reports/16868
  - Comments:
    - Adding course description.
    - ~~This course does not appear to exist in the course catalog? Perhaps this should be a new course request?~~ ~~https://catalog.ufl.edu/course-search/~~ [Course number corrected to 3555, 3/8/22]
    - ~~Please upload a syllabus for this requested change.~~
      - ~~Syllabus is missing required instructor/course information for all syllabi.~~ [Updated, 3/11/22]
      - ~~Make-up policy:~~
        - ~~"It is the student's responsibility to contact the instructor and inform them of the emergency within a 24-hour period following the missed class."~~
          - ~~Students may not be able to contact instructor within 24 hours and this is at odds with UF policy. Please remove.~~ [Updated, 3/11/22]
    - ~~Is this course intended to be offered online? What is the reference to UFO under development in the syllabus?~~ [As I mentioned I have not taught the course the past few times, my colleague has. However, we are collaborating on a UFO version of the course currently. We are in the process of creating now and the UFO version will be going live this fall 2022. The syllabus I attached is the one we are currently working with. I added my contact info. This version follows closely to my colleague's class, but I do not have her syllabus handy. If needed I can present that too – she will be teaching the traditional version of the course this fall.]
- R. ANT 4552- Primate Behavior: **[R]**
  - https://secure.aa.ufl.edu/Approval/reports/16838
  - Comments:
    - Adding prerequisites, C designation, course description.
    - Co-listed with graduate course(s)
    - ~~This course does not appear to exist in the course catalog? Perhaps this should be a new course request?~~ ~~https://catalog.ufl.edu/course-search/~~ [Course number corrected to 4552, 3/8/22]

- ~~Please upload a syllabus for this requested change.~~
  - Make-up policy:
    - "It is the student's responsibility to contact the instructor and inform them of the emergency within a 24-hour period following the missed class."
      - Students may not be able to contact instructor within 24 hours and this is at odds with UF policy. Please remove.
- How is this course co-listed with three other courses both undergraduate and graduate?
  - What is ANG 6930? Will that become a permanent course?
- Is there documentation Santa Fe has agreed to the lab portion of this course being conducted on site?
- Are students required to sign a waiver form for off-campus activities?
- Typically, C courses combine the lecture and lab in the same location during the same scheduled times each week.
  - How often and when will students be expected to travel to SFC?
  - How will students anticipate time necessary to travel to and from SFC?

S. IDS 2334- Chemistry in the Cocina Latina: **[~~CA~~][A]**
- https://secure.aa.ufl.edu/Approval/reports/17002
- Comments:
  - Permanent Quest 2 course request. Changes course content to align with Quest 2 requirements and standards.
  - ~~The course description should not have Quest 2 in the description. The elements of quest 2 should be included but not the name. Please update.~~ [Course description updated, 3/7/22]

T. IHS 3935- Human Dimensions in Health: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/16931
- Comments:
  - Changing prerequisite to sophomore or above.

U. FRE 4411- French for Proficiency: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/16791
- Comments:
  - Proposed Course Title: French Communication

V. GIS 3043C- Foundations of Geographic Information Systems: **[A]**
  - https://secure.aa.ufl.edu/Approval/reports/16771
  - Comments:
    - Removing prerequisite

W. GIS 3420C- GIS Models for Public Health **[A]**
  - https://secure.aa.ufl.edu/Approval/reports/16728
  - Comments:
    - Updating prerequisites to allow students from other majors.

X. GER 1130- Beginning Intensive German 1: **[A]**
  - https://secure.aa.ufl.edu/Approval/reports/16787
  - Comments:
    - None

Y. GER 1131- Beginning Intensive German 2: **[A]**
  - https://secure.aa.ufl.edu/Approval/reports/16788
  - Comments:
    - None

Z. MAA 4102- Introduction to Advanced Calculus for Engineers and Physical Scientists 1: **[A]**
  - https://secure.aa.ufl.edu/Approval/reports/16752
  - Comments:
    - Proposed Course Title Introduction to Real Analysis 1
    - Part of curriculum change for Mathematics.
    - Is the course still targeting engineering and physical science students, if so, how will the students be made aware of the course and that it is for them?

AA. MAA 4103- Introduction to Advanced Calculus for Engineers and Physical Scientists 2: **[A]**
  - https://secure.aa.ufl.edu/Approval/reports/16753
  - Comments:
    - Proposed Course Title Introduction to Real Analysis 2

- o Part of curriculum change for Mathematics.
- o Is the course still targeting engineering and physical science students, if so, how will the students be made aware of the course and that it is for them?

BB. MAA 4211- Advanced Calculus 1: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/16754
- Comments:
  - o Proposed Course Title Real Analysis and Advanced Calculus 1

CC. MAA 4212- Advanced Calculus 2: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/16755
- Comments:
  - o Proposed Course Title Real Analysis and Advanced Calculus 2

25. Proposed new professional courses

Approved	Conditionally Approved	Recycle
LAW 6XXX– Business Associations		
LAW 6XXX– Oceans and Coastal Law		
LAW 7XXX– Introduction to US Tax Law		

Law

A. LAW 6XXX– Business Associations: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/17107
- Comments:
  - o None

B. LAW 6XXX– Oceans and Coastal Law: **[R][A]**
- https://secure.aa.ufl.edu/Approval/reports/17106
- Comments:
  - o Please correct syllabus attendance policy to be in line with UF policy.
  - o Syllabus has an incorrect link to Law school grading scheme (has an extra "9" at end).
  - o Please clarify how assignment grades translate to points.
  - o Please incorporate UF recording policy into syllabus: http://syllabus.ufl.edu/media/syllabusufledu/syllabi_policy_8_5_2021.pdf

o ▪ ~~Current wording violates UF policy.~~ [Updated, 3/11/22]
o ~~Please provide more detail regarding what the graded assignments are and what their point values are. How will grades be assigned?~~ [Updated, 3/11/22]

C. LAW 7XXX– Introduction to US Tax Law: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/17114
- Comments:
  - o ~~International student as a prerequisite will need to be departmentally managed. OUR cannot monitor.~~ [We work with the LLM admissions team to determine eligibility—i.e., that student is international and does not have a U.S. JD. Email, 3/10/22]
  - o ~~How will participation be graded?~~ [Participation is graded the same as it generally is in other law school classes; students are called on to discuss case law and assigned discussion problems/prompts, and they are expected to be in attendance and be prepared.]

19. Proposed changes to professional courses

Approved	Conditionally Approved	Recycle
LAW 6051– Secured Transactions in Personal Property		
LAW 6052– Creditors Remedies and Bankruptcy		
LAW 6315– Arbitration Law		
LAW 6363– Trial Practice		
LAW 6503– Florida Constitutional Law		
LAW 6798– Advanced Legal Research		

Law

D. LAW 6051– Secured Transactions in Personal Property: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/17109
- Comments:
  - o Title change "Secured Transactions"

E. LAW 6052– Creditors Remedies and Bankruptcy: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/17098

- Comments:
  - Title change to "Bankruptcy".

F. LAW 6315– Arbitration Law: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/17116
- Comments:
  - Reduce credit from 3 to 2.
  - Is this course required for an credentialed program/certification?

G. LAW 6363– Trial Practice: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/17117
- Comments:
  - Reduce credit from 4 to 3.
  - Is this course required for an credentialed program/certification

H. LAW 6503– Florida Constitutional Law: **[A]**
- https://secure.aa.ufl.edu/Approval/reports/17096
- Comments:
  - Increase credit from 2 to 3
  - Is this course required for an credentialed program/certification

I. LAW 6798– Advanced Legal Research: ~~[R]~~ **[A]**
- https://secure.aa.ufl.edu/Approval/reports/17097
- Comments:
  - ~~The nature of the variable credit options must be defined. What constitutes a 2-credit vs 3-credit option. Please include in syllabus.~~ [This variable credit request should actually capture 1-2 credits (as opposed to 2-3 credits) as we have some 1 credit versions per our explanation below.] This course focuses on research resources used in different legal contexts. It covers both manual and electronic sources in depth. Emphasis on primary and secondary sources of law in federal and state jurisdictions. Among the topics examined will be legislative history, administrative law sources, court rules, citators and topical research materials. The credit amount is variable depending on the specific area of legal research that is the focus for that semester. Some areas have more material to cover justifying 2 credits. We adjust the classroom and out of class time per the ABA requirements depending on the topic and credits awarded. Prior areas of focus have included Corporate and Securities (1 credit) and Tax (2 credits). Email response, 3/10/22]

20. Proposed Joint Courses

Approved	Conditionally Approved	Recycle
EML 4XXX– Industrial Energy Management:	MUN 3013 –Ensemble Participation (p. 21-22)	ANT 4XXX– Applying GIS in Archaeological Research (p. 22)
EML 4XXX– Solar Energy Utilization		

Engineering

- EML 4XXX– Industrial Energy Management: **[A]**
    - https://secure.aa.ufl.edu/Approval/reports/16998
    - Comments:
        - None

- EML 4XXX– Solar Energy Utilization: **[A]**
    - https://secure.aa.ufl.edu/Approval/reports/17001
    - Comments:
        - None

Arts

- MUN 3013 –Ensemble Participation: **[CA]**
    - https://secure.aa.ufl.edu/Approval/reports/16917
    - Comments:
        - Create a zero-credit music ensemble that would allow upper division and graduate students who have completed the ensemble requirements or elective requirements for this degree programs the ability to continue participation in music ensembles without incurring credit limit or excess hours restrictions. Note that, if the student is not enrolled in any other course, by state law, they will need to pay for 1-credit-hour of tuition and fees if enrolled for zero-credit hours.
            - Joint courses may only be 4000 level for undergraduate courses.
    - Request #17039 establishes a new graduate course, MUN 6013, for the same purpose for graduate students. This is pending at the Graduate Curriculum Committee.

Liberal Arts and Sciences

- ANT 4XXX– Applying GIS in Archaeological Research: **[R]**
    - https://secure.aa.ufl.edu/Approval/reports/16840
    - Comments:
        - ~~Are graduate students conducting lectures and teaching undergraduate students in the course?~~ ~~If so, please describe the training and mentoring that the instructor will provide them.~~

            Below is the description of the difference between expectations of graduate and undergraduate students. Please show how the additional expectations of graduate students will be reflected in how these students' grades are assessed. For example, will the instructor assess the participation of these students differently than undergraduate students, including a grade on their facilitation of discussions?

            Undergraduate and graduate students complete the same assignments (primarily weekly lab exercises and a course project), but with respect to the course project (and associated milestone assignments) are **graded with different expectations**. Whereas graduate students are encouraged and expected to **work with their own data**, undergraduates aided in finding material for their projects.

            In addition, **graduate students are responsible for facilitating a proportional share of the class discussions** (depending on enrollment). In addition to walking everyone through their solution to the assigned lab exercise, the facilitator emphasizes how the application of this particular technique solved the specific research problem at hand, as well as outlining the limitations and appropriate uses of such analysis. Graduate students are encouraged but not required to relate this to their own research and/or to add analogous examples related to their own interests.

        - Please provide syllabi for the undergraduate and graduate courses.
        - Please obtain consults with Geography department, DCP, and HWCOE, even if for the purpose of notifying programs that offer GIS courses and programs of this new course.