

# University Curriculum Committee December 12<sup>th</sup>, 2023

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

## Attendees

### Members

Angela Lindner, Vandana Baweja, James Babanikos, Katie Basinger, Joel Brendemuhl, Konstantina Christodouloupoulou, Jennifer Clark, Nancy Clark, Stefanie Gazda, Stephanie Hanson, Jill Ingram, Christopher Janelle, Tom Kelleher, Gillian Lord, Richard Scholtz, Jennifer Setlow, Erica Studer-Byrnes, Hans van Oostrom, Katie Vogel Anderson

### Liaisons

Casey Bullock, Corrin Fleming, Casey Griffith, Maria Leite, Lee Morrison, Toby Shorey, Lauren Solberg

### Guests

Kristen Apraiz, Anthony Auletta, Elayne Colon, Marshall Haning, Diana Hull, Debra Lynch Kelly, Anne Mathews, Helena Maudsley

## Welcome

### Notes

1. Updates | Dr. Lindner
2. Approval of [November Minutes](#). – Approved.
3. Faculty Senate Updates | Dr. Baweja – None.

## Programs

4. [Request For a New Minor: UFTeach Computer Science, which will be part of the UFTeach program in the College of Education](#). | Kristen Apraiz | 19030 – Approved.  
New track in UFTeach program in Computer Science.
5. [Request to Expand Existing Residential Agricultural Education and Communication Major to UFO in the College of Agricultural and Life Sciences](#). | Rebekah Raulerson | 18895 – Conditionally Approved.  
Expand major to UF Online. Differences in elective lists for online students. Tracked change document needed.
6. [Modifications to the JST Minor in the College of Liberal Arts and Sciences](#). | Norman Goda | 19060 – Approved.  
Decreasing the amount of credit required for minor.
7. [Modifications to the Bachelor of Science Chemical Engineering Curriculum in the College of Engineering](#). | Dmitry Kopelevich | 18834 – Approved.  
Adjusting critical tracking and credit amount for required courses. Reduction of credit hours required for major.
8. [Modification to the Entomology & Nematology- Biological Science of Insects Specialization in the College of Agricultural and Life Sciences](#) | Anthony Auletta | 18773 – Approved.

Adjustments to Biological Science of Insects specialization. Updating curriculum to broaden topic matter and include newly developed courses.

9. [Modifications to the Entomology & Nematology- Urban Pest Management Specialization in the College of Agricultural and Life Sciences.](#) | Anthony Auletta | 18775 – Approved.

Adjustments to Urban Pest Management specialization. Updating curriculum to broaden topic matter and include newly developed courses.

10. [Proposed Addition of the Entomology & Nematology Major in the College of Agricultural and Life Science to UF Online.](#) | Anthony Auletta | 18779 – Approved.

Adding two of three specializations to UF Online.

11. [Modifications to the Entomology & Nematology- Preprofessional Specialization in the College of Agricultural and Life Sciences.](#) | Anthony Auletta | 18774 – Approved.

Adjustments to Preprofessional specialization. Updating curriculum to broaden topic matter and include newly developed courses.

12. [Requested Updates to the Entomology & Nematology Undergraduate Minor in the College of Agricultural and Life Sciences.](#) | Anthony Auletta | 18778 – Approved.

Accommodating the change in credits for ENY3005.

## Certificates

### Undergraduate

13. Proposed new undergraduate certificates.

- None

14. Proposed changes to undergraduate certificates.

- [Proposed Suspension of Enrollment in the Applied Theatre for Health Certificate](#) | Jennifer Setlow | 18886 – Approved.  
Faculty member leaving department, replacement needed.

## Courses

### Undergraduate

15. Proposed new undergraduate courses.

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

- [ENY 4941- Practical Work Experience in Entomology and Nematology](#) – Conditionally Approved.  
Confirm if certificate is needed as prerequisite.
- [WIS 2XXX- The Future of Tropical Rain Forests](#) – Approved.

#### **Arts**

- [DAA 2XXX- Friday Movement Practice](#) – Conditionally Approved.  
Responses needed on attendance policy and grading policy.

#### **Education**

- [EDF 3XXX- Development in Education](#) – Approved.
- [ETE 3XXX- K-12 Computer Science Methods](#) – Approved.

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

- [AFA 2XXX- Surveying African-American Culture](#) – Approved.
- [REL 3XXX- Religion and Nationalism](#) – Approved.

#### **Public Health and Health Professions**

- [PHC 4XXX- Social, Economic, and Environmental Drivers of Health](#) – Conditionally Approved.  
Response needed on makeup policy.

#### 16. Proposed changes to undergraduate courses.

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

- [AEB 3114L- Introduction to Agricultural Computer Applications](#) – Approved.
- [AOM 4455- Agricultural Operations and Systems](#) – Approved.
- [AOM 4461- Sustainable Agricultural Systems](#) – Approved.
- [ENY 2890- Using Insect Research to Understand the Nature of Scientific Engagement](#) – Approved.
- [ENY 3005- Principles of Entomology](#) – Approved.
- [MCB 3023- Principles of Microbiology](#) – Conditionally Approved.  
Response needed from submitter.

#### **Education**

- [EDF 1005- Introduction to Education](#) – Approved.

#### **Engineering**

- [COT 3502- Computer Model Formulation](#) – Approved.
- [ECH 3101- Process Thermodynamics](#) – Approved.
- [ECH 3264- Elementary Transport Phenomena](#) – Approved.

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

- [GLY 2042- Planetary Geology](#) – Approved.
- [STA 3032- Engineering Statistics](#) – Approved.

## Public Health and Health Professions

- [HSC 3661- Therapeutic Communication](#) – Conditionally Approved.

## Joint

17. Proposed new joint courses.

### Engineering

- [CIS 4XXX- Cyber-physical System Security](#) – Conditionally Approved.

Revisions needed to quiz and attendance policies.

## 5000-Level

18. Proposed new 5000 level courses.

## Liberal Arts and Sciences

- [RLG 5XXX- Ethics After the Holocaust](#) – Approved.

## Academic Assessment Committee

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

- None

## Graduate School

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

### DEGREE:

- The College of Agricultural and Life Sciences seeks to close the Master of Science (M.S.) with a major in Animal Molecular and Cellular Biology (#18975).

### MAJOR:

- The College of Public Health and Health Professions seeks to modify the curriculum for the Master of Public Health (M.P.H.) with a major in Public Health (#18742).

### CERTIFICATE MODIFICATION:

- The College of Agricultural and Life Sciences seeks to modify the curriculum for the graduate certificate in Leadership in Agriculture and Natural Resources (#18917).

Dr. Setlow introduced our newest member, Dr. Marshall Haning.

Dr. Lindner offered her thanks to the committee, highlighting their commitment, attention to detail, and collaboration as a group. Dr. Hans van Oostom will serve as interim chair of the UCC. Committee members offered their thanks for Dr. Lindner's awesome work with the UCC over the last several years.

Meeting adjourned at 2:30 p.m.

## ADDENDUM

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*Compiled Before the Meeting*

# University Curriculum Committee Program and Course Recommendations

[December 12, 2023]

## Programs

### 4. Request for a New Minor: UFTeach Computer Science, which will be part of the UFTeach program in the College of Education. **[RCA]**

- <https://secure.aa.ufl.edu/Approval/reports/19030>
- Summary:
  - Computer Science specialization to UFTeach minor. Summary: Request for new Minor: “UFTeach Comp. Science.” This is a 22-credit “Computer Science” designation, to go along with existing “Math” and “Science” designations. Owing to increased demand for Computer Science teachers in K-12 education, this pathway will help alleviate teacher shortfalls in the State of FL. The new strand adds one computer course (ETE 3XXX: K-12 Computer Science Methods). An instructor has been identified who can teach the course.
- Comments:
  - ~~Has the college consulted with the computer science/computer engineering departments? Can any of these courses count as technical electives? If not, how might this impact excess hours in the HWCOE majors, which have few to no free electives? (course needs consult, so this conversation would be helpful, if it has not already taken place).~~  
**External Consult attached in approval system.**
  - **Is there intention to change the title of SMT4945 to include “Computer Science”?**
  - **Students are not allowed to pursue the Science and Mathematics minors together since there are not 6 unique credits in each, correct? Is there intention to allow students to pursue the CS minor with the Science or Mathematics minors?**

### 5. Request to Expand Existing Residential Agricultural Education and Communication Major to UFO in the College of Agricultural and Life Sciences. **[CA]**

- <https://secure.aa.ufl.edu/Approval/reports/18895>
- Summary:

- A proposal to offer the existing AEC major's Communication and Leadership Development specialization to UF Online students.
- Comments:
  - Subset of electives not identical to residential version, which is ok. Are there any other differences since there are no tracked changes on the document? The catalog editor wants to make sure that the online version is printed correctly in the catalog.
  - Is this major intended to be offered to UF PaCE students?
  - What percentage of the residential program's coursework is already asynchronous? Is there necessity to revise assessment methods for the fully asynchronous program to determine success in preparing students for the human interactions required of leaders?

## 6. Modifications to the JST Minor in the College of Liberal Arts and Sciences. [A]

- <https://secure.aa.ufl.edu/Approval/reports/19060>
- Summary:
  - Summary: Request to reduce hours for JST Minor from 25 hours to 15 hours, which is in line with comparable interdisciplinary minor programs. Catalogue copy has been revised as per recommendations.
- Comments:
  - No Comments

## 7. Modifications to the Bachelor of Science Chemical Engineering Curriculum in the College of Engineering. [R A]

- <https://secure.aa.ufl.edu/Approval/reports/18834>
- Summary:
  - Remove AEB2062/BSC2011, replace with BME3406/BSC2011
  - Move PHY2049/L from semester 3 to semester 4
  - Add Python Programming semester 3
  - Remove P-Chem/Thermo Physics requirement from semester 4
  - Reduce COT3502 from 3 to 2 credits
  - Reduce ECH3264 from 3 to 2 credits
  - Move ECH3101 from semester 5 to semester 4
  - Increase ECH3101 from 3 to 4 credits
  - Tech electives move from semester 4 to semester 6
  - ECH4123 from semester 6 to semester 5
  - CHM2211L from semester 6 to semester 8
  - Tech electives from semester 8 to semester 6
- Comments:

- Comments in red from Dmitry Kopelevich
- ~~“BME3406 or BSC2011” in the first semester presents the following concerns:~~ Pre-requisites for BME 3406 are “Sophomore Standing or Chemical Engineering Major”. Therefore, Chemical Engineering Majors can take this course during their first semester. Moreover, BME 3406 is not a pre-requisite to any required Chemical Engineering course and, hence, can be taken by transfer students in a later semester. BSC 2011 is normally taken by pre-health students. A separate model semester plan has been developed for pre-health students, according to which they take BSC 2011 during the 2<sup>nd</sup> semester and its pre-requisite (BSC 2010) during the 1<sup>st</sup> semester. (The model semester plan for pre-health Chemical Engineering majors is attached, see file CHE-curriculum-map-pre-health.docx).
- Dr. Kopelevich submitted two different model plans (one for pre-health). These should be merged into one plan that shows how technical electives are replaced with pre-health courses. The current plan and proposed plan both had 9 credits tech electives a 3 credits ChemE tech electives. The pre-health plan only has 3 credits ChemE tech electives. It looks like the 9 credits tech elective on the pre-health are taken up by BCH4024, BSC2010/L and BSC2011L. Does that meet accreditation?
- Instructor is correct that BME3406 does not have a prereq as we thought since the prereq is that you are a ChemE major. I still do not recommend a 3000 level course in the first semester. How about putting BME3406 in semester 2, moving ENC1101 to semester 1, move state core GE-S to semester 8, and move quest 2 to semester 2, move one of the tech electives form semester 6 to semester 8 then move CHM2211L from semester 8 to semester 6 with the CHM2211 course?
  1. ~~Both have prerequisites that are not listed in the model plan. We cannot have courses required in the plan without listing their prerequisite in a prior semester.~~
  2. How would requiring a 3000 level course in the first semester impact transfer students?
- ~~Recommend eliminating footnotes 3 and 4 under the model plan—We should not assume students have AP/IB courses when developing model semester plans. These footnotes have been eliminated from the model plan.~~
- ~~Does footnote 7 need to be on ECH4644 and CE technical electives in semester 8?~~ This footnote states that the Integrated Product and Process Design (IPPD) program (EGN 4951) may serve as a substitute to a technical elective and ECH 4644. Since the IPPD program consists of two courses, the technical elective substituted by the IPPD course is



taken during semester 7. The following footnote has been added to the technical elective in semester 7:

*“One of the options for the technical elective in semester 7 is the first course of the Integrated Product and Process Design Program (EGN 4951), which requires six credits of coursework and is offered as a sequence of two three-credit courses during Fall and Spring of the senior year. These two courses are pre-approved substitutes for three credits of technical electives and for ECH 4644.”*

In addition, the footnote on ECH 4644 has been modified as follows:  
*“ECH 4644 may be substituted by the second semester of the Integrated Product and Process Design Program (EGN 4951). This program requires six credits of coursework and is offered as a sequence of two three-credit courses during Fall and Spring of the senior year. These two courses are pre-approved substitutes for three credits of technical electives and for ECH 4644.”*

- ~~Why split CHM221HL from CHM2211 in semester 6/Semester 8? Why not move one of the semester 6 technical electives to semester 8 and keep the lab with the course?~~ Semester 6 already contains an advanced laboratory course, Fluid and Energy Transfer Operations Laboratory, ECH 4224L. Keeping the Organic Chemistry 2 Lab in the same semester would result in students taking two advanced laboratory courses in the same semester and being overloaded.
- Can you provide a transfer student semester plan that reflects these proposed changes?
  1. My concern here is the upper-level and/or unique CHE courses in Semester 4 (COT3502, ECH3264, ECH3101) of the non-pre-health majors plan, and Semester 3 (ECH3023 and ECH2934) and Semester 4 (COT 3502, ECH3264, and ECH4310) of the pre-health majors plan.
  2. Will transfer students be able to "catch up" on courses in Semesters 1-4 of the semester plan that they cannot access at an FCS institution?

**RESPONSE:** The schedule for the transfer students will not change. There are already unique Chemical Engineering courses in semester 3 (ECH 3023, ECH 2934) and 4 (COT 3502, ECH 3264). Only one ChemE course (ECH 3101) was moved to semester 4 in the proposed curriculum.

**FOLLOWUP:** Could you send the 4-semester plan for transfer students, Dmitry? Our Florida BOG is now holding us accountable to ensuring transfer students do not have undue time delays to degree, including requiring them to "catch up" on upper division coursework required in the first four semesters. We will be asking

all programs to prepare and publish these transfer student plans. NOTE: the state recently changed the performance metric for transfer student graduation rates from 2 years to 3 years, thankfully, after much lobbying on our part. The plan can be as many as 6 semesters if necessary.

NOTE: The 6-semester plan has been uploaded into the approval system.

- Will these changes necessitate a request to revise the lower-division critical tracking and upper-division universal tracking courses?

We will need to change the lower-division critical tracking, since we moved PHY 2049 to the 4<sup>th</sup> semester. The current requirement for the 3<sup>rd</sup> semester reads “Complete the remaining critical-tracking courses with minimum grades of C within two attempts”. We will need to move this requirement to Semester 4.

We will also need to change the following critical tracking for the upper division:  
Semester 6: Replace “Complete at least 5 additional upper division critical-tracking courses” by “Complete at least 4 additional upper division critical-tracking courses”

FOLLOW-UP: I recommend a separate request to the UCC for these tracking changes to keep things clean and less confusing. There are so many changes proposed in this request that including the critical tracking changes might be overlooked.

- BSC2011 is listed on the non-pre-health majors plan in Semester 1. However, if a student were to choose this course instead of BME3406, they would have already needed BSC2010, as a prerequisite. In essence this adds 3 credit hours to the total credit hours for degree.

RESPONSE: BSC 2011 is a requirement for a pre-health degree. It is expected that all non-pre-health students will take BME 3406. The pre-health students will take a sequence of BSC 2010 and BSC 2011 instead of BME 3406 and instead of one of the 3-credit tech electives. I’m attaching a semester plan with an added footnote (footnote 1) clarifying this. Hopefully, this also addresses Hans’ question.

FOLLOW-UP: I go back to the question of transfer students who are not in pre-health tracks. I assume they will be allowed to have BSC2010 and 2011 instead of the BME course without any penalty or loss of learning outcomes. To Hans’ point, BSC2010 and BSC2011 should be reflected in the semester plan and total credit hours to degree. The "CHE Curriculum Map v3" document does not do this, but the pre-health map does.

- This is just a comment for us to figure out when the time comes. Quest 2 is required in Semester 8. These courses are designed to be Year 2 courses and will likely be a prerequisite for the Quest 3 requirement when launched in 2027. We'll need to figure out how to code these so students can take Quest 3 prior to Quest 2 without penalty.

## **8. Modifications to the Entomology & Nematology- Biological Science of Insects Specialization in the College of Agricultural and Life Sciences. [CA]**

- <https://secure.aa.ufl.edu/Approval/reports/18773>
- Summary:
  - Must remain “CA” as a minimum recommendation until 18769, 18768 are approved.
  - Requests changes in the Biological Science of Insects specialization of the ENT major to address gaps, add new available courses, etc. Twelve changes are requested:
    1. Remove BOT2010C as alternative to BSC2010/L for critical tracking. Not equivalent.
    2. Add MAC1140+MAC1114 as alternative to MAC1147 for critical tracking.
    3. Reflects increase from 2- to 3-credit hours of ENY3005 (Request 18769 on this agenda).
    4. Shifts ENY4660L to elective.
    5. Splits the Genetics or Evolution requirement into 2 separate categories, requiring both courses. Adds ENY4455C to the evolution course options.
    6. Adds EY4201, ENY4208, and ENY4210 as options to the Ecology requirement course options. Removes ENY4453 as an option in this category.
    7. Changes the Social Insects category to Insect Behavior and expands course options to also include ENY34512C, ENY4453, and ENY4571. Moves ENY4210 as a course option in this category to the Cology category.
    8. Merges the three separate requirements of Integrated Pest Management, Pest Management & Resource Protection, and Biosecurity & Biological Invasion into one new requirement, called Applied Entomology. Adds ENY3222C, ENY4574, and IPM4114 as course options. Removes PMA4570C and PCB2441 as options.
    9. Removes the Plant Science requirement.
    10. All students will be required to take the Insect Research CURE course (ENY2890C) and 3 credits of ENY4911 to meet the 6-hour research requirement.

11. Reclassifies the Insect Research CURE course as a combined lecture/lab course (C course). This request is on this agenda (18768).
12. Consolidates the Entomology and Approved Electives categories while increasing the required elective credits from 16 to 21.

- Comments:

- Tied to 18779 program request and 18768 and 18769 course requests.
- ~~Major description and department information text change appears to apply across all specializations, correct?~~ **Yes, that is correct**
- ~~Double check that the model plan matches UFO.~~ **The model plan for the residential and UFO versions of the specialization match. Please note that there are some requirements that can be fulfilled either with an online course or a face-to-face course. For the UFO model plan, only the online options are listed. For the residential model plan, both online and face-to-face options are listed. There is at least one online option for every requirement**
- Archive older documents on approval
- ~~ALC changes require a separate request to the AAC. Please confirm if these have been submitted.~~ **I have double-checked; it looks like our department colleague submitted a revised AAP request, but not a revised ALC request. I will confirm this and, if the ALC request is indeed missing, will submit it ASAP**
- Will the common prerequisite courses be changed because of these revisions? If so, please submit a separate request to reflect these changes and obtain Florida BOG approval.
- This is a well-prepared request. Thank you.

## 9. Modifications to the Entomology & Nematology- Urban Pest Management Specialization in the College of Agricultural and Life Sciences. **[CA]**

- <https://secure.aa.ufl.edu/Approval/reports/18775>
  - Summary:
    - This request will remain as CA until 18769 is approved (ENY3005).
    - Requests changes in the Biological Science of Insects specialization of the ENT major to address gaps, add new available courses, etc.
- Nineteen changes are requested:
1. Remove BOT2010C as alternative to BSC2010/L for critical tracking. Not equivalent.
  2. Changes Physics critical tracking requirement to PHY2004+PHY2004L or PHY2020, consistent with the Biological Science specialization.
  3. MAC1140+MAC1114 added as an alternative to MAC1147 for critical tracking.

4. Adds MAC2311 as option for math critical tracking requirement.
5. Increases ENY3005 from 2 to 3 credits (current request 18769).
6. Eliminates ENY4660L as a requirement. Now is an option.
7. Adds IPM4114 as an alternative to IPM3022.
8. Requires ENY3510C.
9. Requires Biosecurity course (ALS4161, ALS4162, or ALS4163).
10. Removes ENY4453 as requirement. Two new categories (Ecology and Insect Behavior) are added (as in the Biological Science of Insects specialization in 18773).
11. Removes ORH3513C, PLP3002C, and PLS4601C are required courses.
12. Removes EVS3000 as a required course.
13. Removes BCN3223C as a required course.
14. Removes ROS4222/L as required.
15. Creates a new required category: Built Environment Courses. Students take 2 courses (6 credits).
16. Students choose between MCB2000/L or MCB3020/L for microbiology requirement.
17. Removes CURE course, ENY2890C (Insect Research), as requirement. Adds ENY4320 (Internship) as capstone experience.
18. Adds requirement of 13 credits of Approved Biological Science Electives.
19. Reduces Approved Business Electives from 13 to 9 credits.

- Comments:

- Request 18779 is linked to this request, as it is one of the two specializations. Should be approved before the UFO item is approved.
- ~~Changes to ALC must go to AAC (separate request).~~ **See note above– it looks like our department colleague submitted a revised AAP request, but not a revised ALC request. I will confirm this and, if the ALC request is indeed missing, will submit it ASAP**
- ~~Additional review for major model plan needed.~~ **It is unclear what needs to be changed here; please let me know and I will make those revisions**
- Please make sure you do not need to change the common prerequisite course listings for this specialization. If the new common prerequisite course list differs from the Florida BOG's list, you will need to submit a separate request for revision.
  1. **The common prerequisite courses shouldn't need to be changed for any of our specializations.**
- A number of courses from other programs are proposed to be removed or added (e.g., ORH, PLP, PLS, EVS, BCN, FOS, SWS, AEB). Have these programs been notified of these proposed changes? If not, please do so in order for them to plan enrollments accordingly.

1. All relevant external programs have been notified of our proposed changes. The programs in CALS were notified at the September and October CALS Curriculum Committee meetings (which are attended by representatives from each CALS programs), and programs in other colleges were notified via email.

## 10. Proposed Addition of the Entomology & Nematology Major in the College of Agricultural and Life Science to UF Online. [CA]

- <https://secure.aa.ufl.edu/Approval/reports/18779>
- Summary:
  - Offering two of three specializations (Biological Science of Insects and Urban Pest Management) in UFO.
  - The recommendation for this request will remain as CA at a minimum until request 18769 is approved (ENY3005).
- Comments:
  - ~~Are all Entomology and Nematology course elective options available online, or is the list more limited?~~ I included as part of my original submission a document showing all of our courses (including electives) that are offered online. Not every course in our program is online, but every requirement for our two UFO specializations can be fulfilled with an online course. In other words, there is at least one online option for every requirement. Students can completely fulfill the elective requirement with online courses.
  - No letter from UFOnline director, but there is an email offering support from assoc director. Email is sufficient.
  - ~~There are a number of required courses in the residential program that are not in the UFOnline program. Economics, Physics, others. It would be good to get a list of differences between the residential program and the UFOnline program and a justification to ensure the two programs are equivalent. Catalog Edit should be able to work this out.~~ This is incorrect; there are existing UFO sections of our required physics and economics courses. I have just confirmed this by checking the Schedule of Courses for Fall 2023 and Spring 2024; active UFO sections of those courses are listed there. As part of our original submission, I included a document showing the online options for every requirement, including those outside of our program. There is at least one online course option for every requirement. This is also reflected in the model semester plan that I included in my original catalog copy file

## 11. Modifications to the Entomology & Nematology- Preprofessional Specialization in the College of Agricultural and Life Sciences. [CA]

- <https://secure.aa.ufl.edu/Approval/reports/18774>
- Summary:
  - The recommendation for this request will remain as CA until request 18769 (ENY3005) and 18768 (ENY2890) are approved.
  - As with requests related to other two specializations, these requested revisions are outcomes of a thorough review of the curriculum and address identified gaps. Ten changes are requested:
    1. Remove BOT2010C as alternative to BSC2010+BSC2010L.
    2. Increases ENY3005 from 2 to 3 credits (Request 18769 on this agenda).
    3. Adds NEM3002 as core requirement.
    4. Provides two options for evolution course requirement: PCB4674 or ENY4455C.
    5. Combines the two categories—Behavioral Ecology & Systematics and Social Insects or Beekeeping or Invert Biodiversity—into one category, named Insect Behavior & Ecology. Adds 6 ENY courses for this requirement and removes PCB4043C and ZOO4205C.
    6. Removes ZOO4307C as a requirement. Instead, creates a Vertebrate Anatomy/Physiology requirement, keeping this course as an option and adding APK2100C, APK2105C, and ZOO3713C.
    7. Adds CHM3217 as an option for the Biochemistry requirement.
    8. Requires Insect Research CURE course, ENY2890C (see #9).
    9. Reflects the change requested in 18768 that proposes adding a C on ENY2890.
    10. Reduces number of required electives from 21 to 15.
- Comments:
  - ~~Changes to ALC must go to AAC (separate request).~~ See note above– it looks like our department colleague submitted a revised AAP request, but not a revised ALC request. I will confirm this and, if the ALC request is indeed missing, will submit it ASAP
  - Please make sure you do not need to change the common prerequisite course listings for this specialization. If the new common prerequisite course list differs from the Florida BOG’s list, you will need to submit a separate request for revision. ~See comment above.
  - Please make sure that other programs offering courses requested to be added or removed in this request are notified of these changes so that they can plan enrollments accordingly. ~See comment above.

**12. Requested Updates to the Entomology & Nematology Undergraduate Minor in the College of Agricultural and Life Sciences. [CA]**

- <https://secure.aa.ufl.edu/Approval/reports/18778>
- Summary:
  - The recommendation status of this request must remain at a minimum of CA until request 18769 is approved.
  - Proposes to increase the total credit hours of the minor from 15 to 15-16, depending on the credit hours of electives completed. The change was necessary because of the requested increase in credit hours of ENY3005 (request 18769 on this agenda). Offers students total credits of electives as 15 or 16. Lists pre-approved elective options to enable programming into students' degree audits.
- Comments:
  - Subject to approval of credit change for ENY3005 – separate request
  - ~~List of elective courses should include the course title.~~ I have made this change in the Catalog Copy and have uploaded the new version to the Academic Approval Portal.
  - Archive older documents on approval
  - ~~Is this minor to be offered in UF Online? If so, please provide catalog copy or confirm that the online and on campus versions will be identical.~~ The minor is already approved for UF Online. In the original submission, I included two separate catalog copy files– one for the residential minor and one for the UFO minor. The requirements for the two versions of the minor are the same, but the list of elective options for UFO students is smaller (because not every course is offered online). The minor can, however, be completed entirely online– there are enough online elective options for that.

## Certificates

### 12. New Undergraduate Certificates

- None

### 13. Changes to Existing Certificates

- **Suspension of Enrollment in the Applied Theatre for Health Certificate. [RA]**
  - <https://secure.aa.ufl.edu/Approval/reports/18886>
  - Summary:
    -
  - Comments:
    - ~~Which courses no longer have instructors? How does the program plan to accommodate the students who are partway through but have not completed the certificate?~~ HUM 3599 and HUM 3598L. We will substitute IDS 2935 Acting for Change for HUM 3599 and create an independent study substitute for HUM 3598L
    - ~~The curriculum as approved does not provide for flexibility in course work. How many students does the program anticipate have completed at least 50% of the coursework and were planning to enroll?~~ We are aware of 4 students that are actively enrolled in the certificate. We do not know the number of students that were planning



to enroll. Our best estimation is that one or two students who completed at least 50% of the certificate with the intent to enroll

- ~~Need details on which courses will be used on teach out plan (detailed written plan for students that are part way through).~~ Students that need HUM 3599 will take IDS 2935 Acting for Change. Applied Theatre for Health certificate students will be asked to complete an additional special project to fulfill the HUM 3599 course requirement of “proposing, designing, and constructing and applied theatre for health workshop or performance. An independent study will be created for students that need HUM 3598L that will align with the course SLOs
- A Separate request will be needed to reinstate in Fall 2026

## Course Recommendations

### 14. Proposed New Undergraduate Courses

| Approved | Conditionally Approved | Recycle |
|----------|------------------------|---------|
| WIS2XXX  | ENY4941                |         |
| ETE3XXX  | DAA2XXX                |         |
| AFA2XXX  | EDF3XXX                |         |
| REL3XXX  | PHC4XXX                |         |

### Agricultural and Life Sciences

- A. ENY 4941- Practical Work Experience in Entomology and Nematology **[CA]**
- <https://secure.aa.ufl.edu/Approval/reports/18459>
  - Comments:
    - Course will only be available to certificate students, and not degree-seeking students? Does it need a certificate prereq?
    -
- B. WIS 2XXX- The Future of Tropical Rain Forests **[A]**
- <https://secure.aa.ufl.edu/Approval/reports/18411>
  - Comments:
    - Request for Permanent Quest 2 designation: Quest Review Checklist concerns were addressed. Replaced syllabus with revisions requested by the GEC on 10/27/23.

### Arts

- C. DAA 2XXX- Friday Movement Practice **[CA]**
- <https://secure.aa.ufl.edu/Approval/reports/19073>
  - Comments:
    - **Specify in syllabus how students will be graded in this S/U course.** What is the policy for the “Unsatisfactory” grade? How many classes could a student miss before receiving an “U” grade? (The syllabus currently states: “Students are expected to attend the entirety of each class and participate in physical practice, to the best of their ability, in the class offered each week.” University Attendance policy states: The university recognizes the right of the instructor to make attendance mandatory and require documentation for absences (except for religious holidays), missed work, or inability to fully engage in class. After due warning, an instructor can prohibit further attendance and subsequently assign a failing grade for excessive absences.)

- **Attendance policy** – 5/14 absences allowable. Out of compliance with UF attendance policy, which specifies excused and unexcused absences (needs attendance policy link).
- **Description is cut off on the summary of the approval form.** Please edit on the approval page by clicking edit under the heading

## Education

### D. EDF 3XXX- Development in Education **[CA]**

- <https://secure.aa.ufl.edu/Approval/reports/18929>
- Comments:
  - Does the content of this course overlap with developmental psychology (DEP course)?
  - 3000 level course must have a prerequisite

### E. ETE 3XXX- K-12 Computer Science Methods **[RA]**

- <https://secure.aa.ufl.edu/Approval/reports/19019>
- Comments:
  - Course required for UF Teach minor above.
  - ~~Office hours on syllabus must be scheduled and cannot be “by request.”~~  
**New Syllabus submitted**
  - ~~Consult needed for Computer Science. They have a similar course: CIS4715 CS Teaching and Learning.~~ **External consult submitted**

## Liberal Arts and Sciences

### F. AFA 2XXX- Surveying African-American Culture **[CA]**

- <https://secure.aa.ufl.edu/Approval/reports/17663>
- Comments:
  - Course focuses on culture as opposed to other subject matter covered in AFA2000 (law, politics, education, psychology, etc.)
  - ~~Course appears to be repeatable for credit. Does department have a plan to keep topics distinct to allow students to repeat course without repeating content for major or minor credit?~~  
**The course Surveying African American Culture should be a repeatable course for students. This is because the breadth of African American culture and all of its various forms is so extensive that it cannot be fully covered in just one course. African American Studies program has a**

diverse group of qualified faculty members who are experts in different aspects of African American culture. By allowing the course to be repeatable, each instructor can bring their unique focus to the course, whether it's visual art, music, sports, fashion, or other areas. For example, an instructor might emphasize the contributions of African American artists, exploring the history and significance of different art movements, styles, and individual artists within the community. Another instructor may delve into the rich musical traditions of African Americans, examining genres like jazz, blues, gospel, hip-hop, and R&B. They might explore the cultural and social contexts that gave rise to these influential forms of music. Another instructor might choose to explore the cultural impact of African Americans in the world of sports. They could discuss the intertwined relationship between sports, identity, and social change. Another unique focus could be on African American fashion and style, considering how it has been influenced by cultural, historical, and socio-political factors. This could include discussions on designers, trends, and the role of fashion in expressing and shaping identity. A course instructor might choose to use African American literature, focusing on the works of influential authors, to examine African American culture. Having this as a repeatable course allows students to explore and learn about African American culture from various perspectives, leading to a more comprehensive understanding of this subject. We recommend that students, especially those who want to focus on African American culture, take the course multiple times with different professors and cultural focuses, as it will greatly enhance their knowledge and appreciation of African American culture.

G. REL 3XXX- Religion and Nationalism **[CA]**

- <https://secure.aa.ufl.edu/Approval/reports/19015>
- Comments:
  - Description on summary form has “This course” – recommend removing phrase to be consistent with other course descriptions. **Phrase removed**

## **Public Health and Health Professions**

H. PHC 4XXX- Social, Economic, and Environmental Drivers of Health **[CA]**

- <https://secure.aa.ufl.edu/Approval/reports/18603>
- Comments:

- Make-up policy seems to conflict with attendance policy: **Make-Ups:** If you are unable to meet a deadline in this course for [approved reasons](#) and have given prior notification to the instructor when possible, you will be given adequate time to make up any coursework missed. All other missed or late work will receive a grade of zero. Make-up exams will be provided only in cases of excused absences or conflict during final exams per University policy and MUST be discussed with the instructor in advance. Make-up exams will differ from the regularly scheduled exam/quiz. **From attendance policy** (which is OK): “Remember that, when possible (i.e., extracurricular activities, official University activities, and religious holidays), prior notification of absence is required if the student plans to be given an extension on assignments

## 15. Proposed Changes to Undergraduate Courses

| Approved | Conditionally Approved | Recycle |
|----------|------------------------|---------|
| ENY2890  | AEB3114L               |         |
| ENY3005  | AOM4455                |         |
| EDF1005  | AOM4461                |         |
| ECH3264  | MCB3023                |         |
| GLY2042  | HSC3661                |         |
| STA3032  |                        |         |
| COT3502  |                        |         |
| ECH3101  |                        |         |

### Agricultural and Life Sciences

#### A. AEB 3114L- Introduction to Agricultural Computer Applications [CA]

- <https://secure.aa.ufl.edu/Approval/reports/18383>
- Comments:
  - Changing course to AEB2114L, a 2000-level course with no prerequisites. It is not a required course for any major or minor, and is an online course for 1 credit hour. Many students across the university take it in order to learn about Excel and this change will make it more accessible.
  - Recommend revising the syllabus to amend the statement: *"The instructor reserves the right to change the terms and dates stated in this course syllabus at any time. Any changes will be communicated on e-learning as an announcement. It is solely the student's responsibility to stay informed of any changes."*
  - Please **amend the statement to:** *"The instructor reserves the right to update parts of this syllabus in the event of extenuating circumstances. Students will promptly be notified of any changes."* [Instructor should not change policies or requirements mid-term, and if there are changes to the calendar for pedagogical reasons, students should be notified immediately.]

#### B. AOM 4455- Agricultural Operations and Systems [CA]

- <https://secure.aa.ufl.edu/Approval/reports/18553>
- Comments:
  - Changing math prereq for course to be more inclusive
  - Ands/ors with no parenthetical grouping. Please clarify which combination of courses is acceptable.
    - (MAC 1147 or MAC 1114) & (MAC 1140 or MAC 2233 & CGS2531)
    - MAC 1147 or (MAC 1114 & MAC 1140) or (MAC 2233 & CGS2531)
    - Something else?

#### C. AOM 4461- Sustainable Agricultural Systems [CA]

- <https://secure.aa.ufl.edu/Approval/reports/18551>

- Comments:
  - change prereq to include more PHY course options.
  - Please confirm that means: Senior standing & (PHY 2004 or PHY 2020 or PHY2048 or PHY 2053).

D. ENY 2890- Using Insect Research to Understand the Nature of Scientific Engagement  
[CAA]

- <https://secure.aa.ufl.edu/Approval/reports/18768>
- Comments:
  - Red comments from Anthony Auletta
  - ~~Can students take two different research opportunities, or is the course repeatable or students to continue with a particular research topic?~~ **The research project changes every semester– it is never the same. So, if a student takes the course a second time, they will always have a completely new research opportunity**
  - ~~Make up policy needs to be consistent with UF attendance policy and provide a link (unforeseen emergencies language is not in compliance).~~ **I have adjusted the language in this section of the syllabus to be consistent with the university policy and have provided a link to that university policy. The updated syllabus has already been uploaded to the Academic Approval Portal**

E. ENY 3005- Principles of Entomology [RA]

- <https://secure.aa.ufl.edu/Approval/reports/18769>
- Comments:
  - Red comments from Anthony Auletta and Joel Brendemuhl and Toby Shorey
  - Change from 2 to 3 credits.
  - This is related to curriculum requests below
  - Related to requested change for ENY5006. Request found at: (<https://secure.aa.ufl.edu/Approval/reports/18770>)
  - ~~This change may require curriculum changes from Botany, Plant Science, Environmental Management in Agriculture and Natural Resources, Wildlife Ecology, Landscape Pest Management Certificate, and Agricultural Education & Communication. Have the departments been consulted about change? Need CALS review and consult.~~ **From Dr. Brendemuhl: The only major that directly requires ENY 3005 and ENY 3005L besides ENY is Plant Science. All others from what I found have ENY 3005 as an option. The Landscape Pest Management Certificate also has it as a required course and that can easily be addressed with a change in approved electives.**

The change to ENY 3005 was discussed at the CALS CC where there is representation from each CALS department so this change should not be a surprise to anyone. The Landscape Pest Management certificate is offered by Entomology so that too should not be a surprise but they will need to submit a certificate revision. I copied all submitters on this request but specifically **Anthony Auletta, Jennifer Weeks, Tolulope Agunbiade, and Rebecca Baldwin from Entomology. Consult from Plant Science is added.**

- ~~Make up policy needs to be consistent with UF attendance policy and provide a link (unforeseen emergencies language is not in compliance).~~ *At their discretion, the instructors may change aspects of the course during the semester to accommodate new opportunities, unforeseen disruptions, or other circumstances. These changes will be communicated clearly in class and through Canvas. The current version of the syllabus will always be available on our course's Canvas website. It is your responsibility to ensure that you are following the most recent version of the syllabus.*
- I think this is ok, but wanted to double check: As noted above, the instructors may ask for **valid documentation** of your absence before allowing make-up work to be submitted.

#### F. MCB 3023- Principles of Microbiology [CA]

- <https://secure.aa.ufl.edu/Approval/reports/18972>
- Comments:
- Two syllabi are included, I only reviewed the most recent one. Additional documents should be removed.
- Prereqs in the syllabus do not match prereqs in the catalog
- “You must contact the instructors **IN ADVANCE** of the missed exam” this is not allowed as emergencies do occur.
- An additional justification is to make it easier for transfer students to complete the program.
- Please confirm that “15 hours of field-based experience is required” in course description is a component of the course and not a prereq.

## Education

#### G. EDF 1005- Introduction to Education [A]

- <https://secure.aa.ufl.edu/Approval/reports/18951>
- Comments:



- No comments

## Engineering

### H. COT 3502- Computer Model Formulation [RA]

- <https://secure.aa.ufl.edu/Approval/reports/18830>
- Comments:
- Red comments from Dmitry Kopelevich and Toby Shorey
- Note – There are a number of credit changes proposed on this agenda. A broader curriculum modification is in progress:  
<https://secure.aa.ufl.edu/Approval/reports/18834>.
- ~~I assume number of course contact hours per week will decrease, but I don't see this reflected on the syllabus.~~ This has been corrected in the syllabus. The revised syllabus now shows 3 contact hours per week.
- ~~Are homeworks weighted equally? Syllabus could use description of the projects.~~ Yes, homeworks are weighted equally. A clarifying statement has been added after the table in the *Evaluation of Grades* section of the syllabus.
- ~~This change will also impact Digital Arts and Sciences major – is college submitting a change for this major as well?~~ COT 3502 is not a required course in the Digital Arts and Science (DAS) major and it is not listed as a DAS-approved elective. Therefore, changing this course will not affect the students of that major. TOBYNOTE: my apologies. I mistook COP3502C for COT3502.

### I. ECH 3101- Process Thermodynamics [CAA]

- <https://secure.aa.ufl.edu/Approval/reports/18831>
- Comments:
  - Red comments from Dmitry Kopelevich
  - ~~What is a Supervised Teaching Student? This is listed in the syllabus. Do these students receive credit?~~ A supervised teaching student is a student taking the Supervised Teaching course (ECH 6940) for credit. This course is a degree requirement for Chemical Engineering Ph.D. students; the Supervised Teaching students assist instructors in teaching an undergraduate or a graduate course. In addition, the Supervised Teaching students attend a departmental workshop on Effective Teaching Strategies.
  - ~~I assume number of course contact hours per week will increase, but I don't see this reflected on the syllabus.~~ This has been corrected in the syllabus. The revised syllabus now shows 4 contact hours per week.
  - ~~How many quizzes will be given per semester, and what is the value of each quiz/homework?~~ 3 quizzes per semester; all quizzes and homeworks

have an equal value. A clarification has been added to the syllabus after the table in the *Evaluation of Grades* section.

- ~~No late work accepted after solutions posted; how does this work for excused absences? Post attendance link.~~ A clarification has been added to the syllabus that excused absences are exempted from this rule (see the *Homework Policy* section of the syllabus). A link to the UF attendance policy has been added.

#### J. ECH 3264- Elementary Transport Phenomena [CA]

- <https://secure.aa.ufl.edu/Approval/reports/18832>

- Comments:

- Comments in red from Dmitry Kopelevich
- ~~Based on topics being eliminated due to overlap, looks like there should be a corresponding change in the course objectives. If the course objectives should remain the same, please clarify given the elimination of the topics.~~ The course objectives have been updated, both in the course change request form and in the syllabus for the 2-credit hour course.
- ~~Any need for course description change?~~ Yes. The course description has been updated, both in the course change request form and in the syllabus for the 2-credit hour course.
- ~~Is the course grader the course TA?~~ No, the course grader responsibilities are limited to grading. Unlike TAs, graders do not have direct contact with students in the class. In particular, they do not hold office hours, review sessions, etc.
- ~~Absence/make-up policy not quite in line with UF policy. Needs revision in 2-credit version of the syllabus.~~

Please clarify which aspects of the absence/make-up policy are not in line with the UF policy. Currently, both the 2- and 3-credit versions of the syllabus contain the following policy:

*Class attendance is strongly recommended. Excused absences are consistent with university policies in the undergraduate catalog (<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>) and require appropriate documentation. Requests for make-up tests will be granted only if appropriate documentation about illness, family emergency or UF-related travel are given to the Instructor.*
- ~~No late work accepted after solutions posted; how does this work for excused absences?~~ A clarification has been added to the syllabus that excused absences are exempted from this rule (see the *Homework* section of the syllabus).
- ~~How will grading scale differ if 3 quizzes given versus 4? What is the value of each quiz/homework?~~ The syllabus has been revised to state that there are 4 quizzes. All quizzes have an equal value; the homework assignments requiring the use of Python contribute 20% to the total

homework grade, while the assignments requiring analytical solutions will contribute the remaining 80%. The statement describing this has been added to the syllabus, below the *Evaluation of Grades* table.

- ~~This course is a technical elective for Environmental Engineering. Have they been consulted about the credit decrease? They may need to drop the course form tech electives since students need 9 credits.~~ The Undergraduate Coordinator of the Environmental Engineering Department has been consulted and confirmed that the proposed change will not affect their program (an email with the confirmation is attached).

## Liberal Arts and Sciences

### K. GLY 2042- Planetary Geology [A]

- <https://secure.aa.ufl.edu/Approval/reports/19068>
- Comments:
  - No objections.

### L. STA 3032- Engineering Statistics [CA]

- <https://secure.aa.ufl.edu/Approval/reports/18952>
- Comments:
  - Update submitted by Demetris Athienitis
  - Course description was modified to adhere to the requirements of Gen Ed (since it is a Gen Ed course). Other updates were made in accordance with CCC comments.
  - ~~Recommend providing a link to verbatim statement~~ of Gen Ed Objectives for the relevant subject area (Math) — this is a requirement for Gen Ed Syllabi. Course syllabus updated.

## Public Health and Health Professions

### M. HSC 3661- Therapeutic Communication [CA]

- <https://secure.aa.ufl.edu/Approval/reports/18980>
- Comments:
  - Credit change from 2->3. This course is a prereq for HSC4608L and RCS4415L. How are those courses affected? Is there an impact on required curriculum?
  - Request also changes the prerequisites, but no justification is provided.
  - Course description is missing from the syllabus
  - Weekly schedule has multiple typos

- “You must notify the instructor in advance” – please reference the attendance policy language for approved language.
- “Documentation from a health care provider is required upon your return to class. Project extensions requested for medical reasons must be negotiated at the time of illness.” - not sure this can be requested. Please reference the attendance policy language for approved language.
- Summary says RCS4415L is being terminated. Needs a separate request.

## 16. Proposed New Joint Courses

| Approved | Conditionally Approved | Recycle |
|----------|------------------------|---------|
|          | CIS4XXX                |         |

### Engineering

#### A. CIS 4XXX- Cyber-physical System Security **[CA]**

- <https://secure.aa.ufl.edu/Approval/reports/17804>
- Comments:
  - prerequisite has been clarified, so that is good! But I am wondering about the policy for quizzes. It states that there are no make-ups for missed quizzes, as the lowest grade will be dropped at the end of the semester. The syllabus states that attendance isn't mandatory, but also links to the UF excused absence policy. As such, if a student is excused from a quiz, does that mean that quiz is dropped? Or are they excused from that quiz and still have a chance to drop a different quiz?

## 17. Proposed 5000 Level Courses

| Approved | Conditionally Approved | Recycle |
|----------|------------------------|---------|
| RLG5XXX  |                        |         |

### Liberal Arts and Sciences

#### A. RLG 5XXX- Ethics After the Holocaust [CA]

- <https://secure.aa.ufl.edu/Approval/reports/17631>
- Comments:
  - Red comments from Yaniv Feller and Gillian Lord.
  - I wasn't able to review the syllabus (it was not included in the PDF, nor separately) but it does seem that the CCC requested revisions have been made.
  - ~~I am curious as to why they went with a 5000 level course number and not a 6000 level?~~ My thought was that this is an introductory graduate seminar for M.A. and PhD students, and that for that purpose it can be classified as 5000. This is also what Norman Goda, chair of Jewish Studies, recommended.
  - This will have to be considered by the Graduate Curriculum Committee.