



State University of New York College of  
**Environmental Science and Forestry**  
Academic Affairs Committee

Agenda for March 1, 2022 Meeting 11 AM

Voting members: Ashley Gouger, Eddie Bevilacqua, Gary Scott, Shijie Liu, David Sonnenfeld (for Silje Kristiansen), Jacob Gedetsis, Fran Webster, Ann Moore (left before Chem Eng voting), Robin Hoffman, Kim Schulz, Wendong Tao

Non-voting: Jeremy Coleman, Beth Minard, Erin Tochelli, Leslie Rutkowski

1. Call to Order- 11:02 AM
2. Action Items
  - Certificate in Visual Resource Management (new)
    - Appendix 6- Page 42 (actual page 58) B1.b- there is a reference to a prerequisite that should be removed.
    - In the course proposals 2.15 there is an issue where the assessment measure is not provided. Robin will clarify.
    - There may be an issue listing an Emeritus faculty on the certificate. There has to be a tenure track faculty listed for SUNY to approve. **Vote deferred to 3/29 after recommended changes.**
      - Course Proposal LSA 577 Cultural and Historical Perspectives in VRM (new)
      - Course Proposal LSA 578 Regulatory & Ethical Context of VRM (new)
      - Course Proposal LSA 579 VRM Systems & Methods (new)
  - PhD in Environmental Studies (new)
    - Under hybrid model- Do you see any difficulty with faculty mentoring remotely?  
We are already doing this now. We have a mixture of modes of in-person and online courses and mentoring. Since we have implemented this we have been successful in engaging our in-person students as well as with our online students across the country. Experiences have been mostly positive. The one-year on campus requirement would help to establish that relationship.
    - This would be different than your current programs because research could also be done remotely. Do you see this as being a challenge when you can't catch up with your students as easily? What we have adopted is like an executive MBA program, with some short-term face-to-face options that would help in that mentorship.
    - If you anticipate people working while doing this program, how would that impact their ability to complete their PhD in the suggested time (5-6 years)?  
In some cases, their work might lend itself to completing research while they do their degree (like folks who have integrated positions that include research). In others there would potentially be longer timeframes needed.
    - Requirement of Professional Development. How do you expect students to complete that requirement?  
We have two 1-credit seminars currently which focus on professional development (being taught as EST 797). They focus on research and research development. A third would be

developed with the focus on dissertation writing which may come later, which would build on the first 2. TBD on whether it is online or in-person (hybrid)

-Credit may be given for professional experience, but what is the limit? There is no indication on the paperwork what that would be limited to.

On page 6 there is a minimum number of course credits required. We previously had a more course intensive program proposed. The option for professional experience credit would be an option to fill-in credit coursework-research-professional credits. Page 7 limits at 12 credits. Friendly amendment to the table to clarify professional experience rather than guided professional practice.

-This seems like it requires professional experience. Does this mean that it is a professional accreditation program?

It isn't required that there is professional experience, but it is an option to benefit students who may already have that experience. It is not an accredited program. **Approved 11-0-0**

- Course Proposal EST 999 Doctoral Thesis Research (new) No discussion. **Approved 11-0-0**

- Certificate in Climate and Sustainability Leadership (new)

-in section 2.15 it mentions online sessions. What are those?

The main part is in person, but since the class doesn't meet weekly, the online contact happens in between the day-long sessions. This should be clarified.

-Same visiting instructor issue as the other certificate.

-Why not make this fully online?

The F2F piece helps build a cohort, and builds networks for the students involved.

**Approved 11-0-0**

- Course Proposal SRE 650 Climate & Sustainability Science & Practice I (new)  
**Approved 11-0-0**

- Course Proposal SRE 660 Climate & Sustainability Science & Practice II (new)  
**Approved 11-0-0**

- Curriculum Proposal B.S. Bioprocess Engineering (minor revision)

- Curriculum Proposal B.S. Chemical Engineering (minor revision)

- Curriculum Proposal B.S. Paper Engineering (minor revision)

-There was a question about requiring the SU Bio when we teach the same class at ESF.

The reason is because of the course sequencing needs as well as the desire to create the common experience for students. This means having to take the class in the fall of their second-year, when we don't teach cellular bio. EB can't teach cell bio in the fall.

-Have you asked SU if they have the space to accommodate you in the class?

There were lots of seats available last semester, but we haven't asked. **Confirm with SU course availability. Confirm with Provost the cost of additional AC.**

-Check about Physics I seating as well. What is the logic for this timeline change?

Students were struggling with this without having completed Calc. Then if we wait any longer it creates sequencing programs. **Confirm with SU course availability.**

-Adjusting the schedule also gives you a semester gap between Physics I and II. Why can't they take EFB 103/104 in the spring and make Physics I/II fall/spring of second year?

-Suggested EFB 100, but that won't work.

-Will this create a problem for transfers who don't have the full SU credit allotment?

They don't think it will be a problem, because they may be able to take the cell bio out of sequence. **TABLED.**

- Course Proposal ECH 132 Orientation and Introduction to Chem Eng I (new)
- Course Proposal ECH 133 Intro to Chem Eng II (new)

- Course Proposal ECH 304 Chemical Engineering Internship (new)
  - Course Proposal ECH 306 Professional Synthesis (new)
  - Course Proposal ECH 454 Product Design in Chemical Engineering (new)
  - Course Proposal ECH 457 Chemical Engineering Plant Design (new)
  - Course Proposal ECH 498 Research Problems in Chemical Engineering (new)
3. Old Business
    - Guiding document for Course Proposal: [CoC Proposal Form Guidance.docx](#)
  4. New Business

Next meeting:  
March 29, 2022