



State University of New York
College of Environmental Science and Forestry

Committee on Curriculum

Minutes December 5, 2019 Meeting

217 Bray Hall, 11:00 AM

Voting members present: Armani (for Amberg), Bevilacqua, Hoffman, Koons, Liu (for Meyer) Schulz

Guests and others present: Bujanovic, S. Chatterjee, Collins, Duffy, Johnston, Kumar, Meashaw, Minard, Ramarao, Tochelli, Triano, Yoo

- 1) Call to Order (Bevilacqua)
- 2) New Business
 - i. Proposals for Action (Bevilacqua)
 1. **EHS Curriculum Revision**- Corrections were made to reflect course changes that were already approved. Cleaned up some courses that are not offered. Fix EFB 220- now EST 220. FOR 557 not FOR 357. **Approved 6-0-0**
 2. **BPE 225- Molecular Biology of Cell (new)**- covered by Lee Newman's course EFB 325. Course update may be needed for that course to reflect that it will fulfill the BPE needs; change prerequisites to recommend genetics but not require for EFB 325. Since the curriculum was approved with this course already included, BPE will ask for Admin Approval to revise curriculum- **Removed from consideration**
 3. **BPE 322/522- Chemical Kinetics**- What needs to be in a smart classroom? What actual equipment is needed? This needs to be clarified. Sounds like it just requires a typical classroom. Shared resource course, but checked box indicating that it is not. SLO are identical in this course and 450. ABET outcomes drove this, but those are for program not this course in particular. The courses need individual outcomes based on what is actually taught. SLO are same as 522, they need different outcomes/expectations because otherwise a graduate student is essentially taking an UG course. Catalog description needs to include the semester is it offered. 522 specific: Beginning grad course not UD UG; include language that states credit cannot be given for both 322/522 **Rejected 6-0-0**
 4. **BPE 330- Chemical Engineering Lab I (new)**- Question on how there can be 50 students in one section of a lab. Labs are organized by groups (3-5 people), they meet in different locations. Semester offered missing from catalog descriptions. Description should be re-worked/shortened because it is at the limit and overly detailed/specific. SLO are same learning outcomes. **Rejected 6-0-0**

5. **BPE 362- Chemical Engineering Thermodynamics & Colloids (new)**- 3.1.1/3.1.2 make sure these are the correct title/prefix/number; formatting on 3.4, numbering change from numerals to words. **Approved 6-0-0**
 6. **BPE 422- Chemical Reaction Engineering and Process Safety**- SLO are the same as above; Catalog description needs semester offered. **Rejected 6-0-0**
 7. **BPE 430- Capstone Chemical Engineering Lab (major revision)**- this needs a new course number from Registrar. It is far too different from the existing 430; 463 or 464 would work. Consistency on prerequisite courses that are required; 3.4 Reinforce is the only concept laid out in outcomes. Deactivate current 430 in the new proposal. **Rejected 6-0-0**
 8. **BPE 450- Product Design (new)**- SLO have the same issues as the previous courses; Catalog description should be condensed, if possible; needs to include semester offered; make description more generic to improve longevity (remove specific programs/acronyms). 2.2 senior standing is listed as prereq but is not listed anywhere else. **Rejected 6-0-0**
 9. **PSE 462- Paper Making Processes I (new)**- 3.2.2 e. needs to be marked as shared-662 **Approved 6-0-0**
 10. **PSE 662- Paper Making Processes I (new)**- same as above. Include that they can't get credit for both 462/662; **Approved 6-0-0**
 11. **PSE 465- Fiber and Paper Properties (minor revision)**- inconsistency on the prerequisite (listed as both PSE 200 and 202) can't get credit for both; PSE 200 **Approved 6-0-0**
 12. **PSE 665- Fiber and Paper Properties (minor revision)**- PSE 200 error as above. Make prereq more generic for this, like one semester of papermaking or approval of instructor; 3.2.1 should be advanced grad, not beginning; 3.1.7 change to reflect **Approved 6-0-0**
 13. **PSE 478- Paper Making Processes II (new)**- 3.2.2.e. both boxes checked. **Approved 6-0-0**
 14. **PSE 678- Paper Making Processes II (new)**- Independent research is not included in the catalog description; can't get credit for both 478/678. **Approved 6-0-0**
 15. Course Deactivation ERE 351- Basic Engineering Thermodynamics- **Tabled**
- ii. Internship presentation
- Many factors are influencing this decision to standardize internships. Among them are consistent experiences, health and safety, revenue generation, tracking student internship numbers, celebrating students' achievements, equity/access etc.
 - Survey completed of students to help understand the varied experiences.
 - Many experiences are not well tracked.
 - Career services are hoping to track these experiences so that they can tell the ESF internship story better.
 - This is specific to credit bearing internships.
 - Question: what does standardized/common mean in this context? And EFB internship would look different from a LA internship. How do you expect to mitigate that?
 - They are looking at this in a more broad sense, not the actual internship necessarily, but the processes and base-level of expectations. They do need individual department feedback though, to make this work.

- Question: How does this benefit the students to have the same number? What does this solve?
 - It makes it easier to track the students engaged in an internship so CS can make sure that minimum requirements are being fulfilled.
- Comment: Wouldn't having required paperwork before/after get the information you need, without burdening departments to change websites/plan sheets/handbooks etc? You say that departments were engaged, but it sounds like you didn't listen to our issues/complaints, so this is being forced on us.
 - No concrete response given
- Question: Have students been engaged in this outside of the survey? Has USA seen this?
 - Not at this point
- Comment: Requiring this enrollment during semester completed (i.e. summer), will potentially hurt numbers because students will stop registering for internships to avoid additional costs. This also creates a barrier to students from lower SES who may have to work over the summer and can't afford to pay for additional credits.

Meetings for spring semester in 324 Bray, during Common Hour:

Tuesday, January 28

Tuesday, March 3

Thursday, April 9 (tentatively Illick 12)

Tuesday, April 28