

CSE Curriculum Committee

February 9, 2018

Minutes

1. Lisa Miller is the new chair of the CSE Curriculum Committee.

a. Lisa created a new Google site (<https://sites.google.com/a/umn.edu/cse-curriculum-committee/>) for the curriculum committee. You can find everything in the same place, and it is easy for all to have access. If there are things not updated in the webpage please let Lisa know, she is the only one that has access to edit and update information on the page.

b. Amber Hodges and Lisa set up an email alias for CC Chair correspondence csecurriculum@umn.edu.

- Amber and Lisa have access to the email account.
- ECAS or anything related to this committee can be sent to this email.

2. Approval of September 26, 2017, meeting Minutes – Tom’s website.

- Approved

3. Meeting Schedule for 2017-2018.

- 1:00 pm on Friday 2018-4-20 in 105Q Lind

4. Items for Information only (already approved in ECAS):

- See website (<https://sites.google.com/a/umn.edu/cse-curriculum-committee/>).
- This section has a list of courses that have been approved (they are not discussed at the curriculum meetings).

5. Items for Approval without Objection (already approved in ECAS).

a. Freshman Seminars (new courses):

i. CHEM 1904 – Freshman seminar: My Other Car is a Bicycle

b. New Course: CHEM 2912 – Career Options for Chemists

c. New Course: CSE 1516 – PLTW: Computer Science Principles (it’s for college credit of HS course)

d. New Course: ESCI 1201 – Intro. Earth Sciences Lab (it’s just a placeholder)

e. New Course: ESCI 1205 – Geology and Cinema Lab Program (it's just a placeholder)

f. New Course: ESCI 5805 – Practical Skills for Professional Geoscientists

g. New Courses: PHYS 1221/2 -- Introductory Physics for Life Science Majors I/II (CBS versions of existing courses)

***All new courses need to be discussed.

[CHEM 2912 – Questions about syllabus and options to retake for credit. Course will be discussed next meeting.](#)

The following courses were approved:

- ESCI 1201 – Intro to Earth Sciences Lab: With this course, students get credit for taking just the lab for Intro to Earth Science course.

- ESCI 1205 – Geology and Cinema Lab Program: Has typically been just a lecture and discussion course, and now the department is considering adding a lab aspect to it.

- ESCI 5805 – Practical Skills for Professional Geoscientists: This course has been renamed to Standards and Practices for Professional Geoscientists.

-The two Physics courses PHYS 1201W and PHYS 1202W will disappear; this is the last year offered. The new replacements are PHYS 1221 and PHYS 1222 (they will be offered next spring 2019). These courses will never be W courses. The department is dropping the writing aspect of the course. Each one will be four credits and they are equivalent to 1301 and 1302.

6. Action Items (new course syllabi are on the website)

a. New Course: BMEN 3151 – Medical Device Practicum

- The purpose of BMEN 3151 is to reach proficiency in skills so students can feel more comfortable and when it comes the time, they can actually build a medical device.

- The course's projects work towards skills building, must not towards making a medical device because that is what students do in Senior Design.

- The next step in BMEN 3151 is to provide a bridge between the skills building and Senior Design and they are calling it a Practicum. It is a one-credit course and it is an extension for those students who already completed the introductory course, and wish to continue learning about those concepts and start building medical devices.

- This course will be offered on May sessions.

- [BMEN 3151 – Medical Device Practicum was approved by the committee.](#)

b. New Course: HSCI 2346 – History Of (Un)Natural Disasters (provisionally approved 2017-9-26)

- HSCI 2346 was provisionally approved by Tom.

- The department hopes to enroll 30 to 50 students.

- It fulfills two liberal education requirements a historical perspectives core and an environmental theme. It will meet twice a week in a lecture format.

- Through this course students will learn to distinguish between primary and secondary materials and the ability to critically analyze environmental information.

- The department of Earth Science has a similar course to HSCI 2346.

- ESCI and HSCI will collaborate to resolve any conflict with course, and the committee will revisit this course at the next meeting.

7. New Business

- PCAS updates are due on March 1st for the next calendar year.
- As DUGS, encourage instructors on your departments to send out mid-term alerts. For 1*** level courses, instructors are required to send these reminders. This is because students often do much better by knowing where they stand academically.
- For the Major and Minor Exploration events, we will be working on a better logistics for next fall 2018. On March, there will be a meeting to talk about this events.
- The Deans Showcase is on Tuesday March 27, 2018, at Northrop.

8. Adjourn