Present:

- Aquatic & Fishery Sciences – Kerry Naish
- Atmospheric Sciences – Becky Alexander
- Earth & Space Sciences – Drew Gorman-Lewis
- Friday Harbor Laboratories – Megan Dethier
- Marine & Environmental Affairs – Nives Dolsak
- Oceanography – Susan Hautala
- Program on the Environment – Clare Ryan
- Graduate Student Representative – Emma Hodgson
- CoEnv Dean’s Office (ex officio) – Michelle Hall
- Guests: LuAnne Thompson, Oceanography; Magdalena Balazinska, Department of Computer Science & Engineering; Christen Foehring, CoEnv Dean’s Office

1. LuAnne Thompson (School of Oceanography) and Magdalena Balazinska (Department of Computer Science & Engineering) presented an update on proposed new undergraduate data science options within several majors: Applied Computational and Mathematical Sciences, the Information School, Human Centered Design & Engineering, Computer Science & Engineering, and Statistics. The new transcriptable options require courses in programming, machine learning, data management, data visualization and communication, and advanced statistics. The committee recommended that the lead units for creating the science options consider proposing a minor, which might dovetail more easily with College of the Environment majors, many of which already have existing options with no room for additional credits. Thompson suggested that a next step might be to collect a list of data science courses in the college (focused on R, Python, GIS, climate modeling, etc.) to better understand the landscape of data science within the college.

2. Drew Gorman-Lewis presented a course change proposal from Earth & Space Sciences for ESS 420 to change the title from “Introduction to Geological Geographic Information Systems” to “Introduction to Geographic Information Systems for the Earth Sciences” and dropping the ESS 211 prerequisite. The committee approved the proposal, pending final changes:
   - Update the effective quarter to Autumn 2016
   - Note under “New Data” that there will be no prerequisites
   - In the “evaluation sections of the course application and the syllabus, delete the reference to “attendance” in the 10% “Participation” category.
3. Hall offered an update on the discussions of course content equivalency across UW GIS courses. GIS faculty within the college met to review the proposed new URBDP Introduction to GIS course and recommended that the course, as proposed is basically equivalent to the existing ESRM 250 GIS course. The faculty shared this feedback with the Department of Urban Design & Planning and with the UW Curriculum Committee and will continue discussion regarding appropriate equivalency options. The GIS faculty within the college plan to meet again during Spring Quarter to discuss spatial literacy, GIS, Remote Sensing, and Geostatistics course and instructional needs.

4. Hall provided an update on the data collection initiative for the new MyPlan Academic Explorer content and the need to determine the review process at the unit and college level for creating new academic program descriptions. The committee suggested setting a May 1 deadline for units to submit proposed new content to be reviewed and approved at the May 10 CoEnv Curriculum Committee meeting (and subsequently submitted to FCAS for final approval).

5. Next steps and action items:
   - Hall will follow-up with Gorman-Lewis and Meghan Oxley to finalize the ESS 420 application prior to next UW Curriculum Committee deadline on April 1.
   - Hall will follow-up with Thompson regarding how the data science discussion might dovetail with the spring meeting of college faculty to discuss spatial literacy course and instructional needs.
   - Hall will follow-up with units to determine main points of contact for the MyPlan Academic Explorer academic program descriptions content, and will coordinate the request to units for proposed new content.

6. Meeting adjourned at 3:10 PM.