



Committee approved: Mar 16, 2018
 Sent to ACC: Mar 16, 2018
 ACC Approved:

HUXLEY COLLEGE CURRICULUM COMMITTEE
 Meeting Minutes of February 26, 2018

Meeting Location: Feb 26, 2018: ES-534 Huxley Conference Room at 9:00am

Feb 26, 2018 Minutes

HCCC *Chair* Jean Melious called the meeting to order at 9:06 am welcoming 11 attendees

Motion to approve meeting minutes of Feb 12, 2018 by Gigi Berardi, seconded by David Wallin. **Motion passed** with two abstentions.

ACTION ITEMS FROM FEB 26, 2018 MEETING

1. CURRICULOG AGENDA: HCCC Feb 26

Total of 1 Curriuclog proposal reviewed:

Motion Gigi Berardi, Seconded by Jenise Bauman **Motion DENIED for 2018-2019 AY**
1 Request for New Course, Environmental Sciences

ESCI 383 Introduction to Mountain Science (denied)

Discussion: Motion denied for 2018-2019 AY as HCCC decided that temporary course ESCI 397H should continue for another year. Next year HCCC will re-visit the vote for this new course ESCI 383 and in that tiem:

- *Environmental Sciences does a full review of the Mountain Research Skills certificate program.*
- *Provide clairty with ENV/S Geography faculty regarding teaching similar courses,*
- *Check if permanent courses can be set up for the sole purpose of being taught through Extended Ed*
- *Determine role of Research Faculty and NTT in setting up new courses*
- *Ensure that a TT/Tenure faculty is able to teach a course if non tenure track faculty initialte*

1 Information Item: new temporary course in Environmental Studies:

[ENVS 197A- Timberline on Mt. Baker: College Quest](#)

Motion by Gigi Berardi, second by Jenise Bauman. **Motion DENIED**

2. Request for Student Faculty Design Major: *Electrical Energy Systems, BS.*

See Appendix A.

Discussion: Student's proposal does not include enough science or environmental science courses and student's proposal was submitted in the wrong format.

3. ACTION ITEM: The committee reviewed the bullet points drafted by member Jenise Baumans for non-credit bearing courses. See Appendix B.

Motion by Gigi Berardi, seconded by Jenise Bauman to send these bullet points to the policy committee for guidance and setting policy. **Motion APPROVED**

Meeting Adjourn 9:57am

Huxley College Curriculum Committee (HCCC) – ROSTER 2017-18

VOTING ATTENDEES			NON-VOTING ATTENDEES	
Faculty members			Advisory members (if applicable)	
Bauman, Jenise	Environmental Sciences	P	Patrick, Kathryn, <i>Huxley Undergraduate Advisor</i>	P
Berardi, Gigi	Environmental Studies	P	Weber, Ed, <i>Huxley Grad Programs Coordinator</i>	P
Love, Brooke	Environmental Sciences	P	Guests	
Melious, Jean (Chair)	Environmental Studies	P		
Paci-Green, Rebekah	Environmental Studies	A		
Wallin, David	Environmental Sciences	P		
Student members				
Jamieson, Whitaker, <i>Environmental Sciences</i>		P		
Ex-Officio members			<i>Voting attendees</i>	9
Kawczynski, Rose, <i>ESCI, Department Manager</i>		P		
Knutson, Diane, <i>ENVS, Department Manager</i>		P	Non-voting attendees	2
Moores, Mary, <i>Huxley College Undergraduate Advisor</i>		P	TOTAL ATTENDEES	11

P = Present
A= Absent

Micah Park's Huxley Self Design Major

Major: Electrical Energy Systems		
	Catalog Credits	Huxley Units In Major
Preparatory Courses:		
PHYS 161/162/163	15	
MATH 124/125/204/224	19	
ECON 206	4	
CHEM 121	5	
CSCI 140	4	
EE 110 (Intro Electrical Engineering)	2	
Subtotal (Credits)	49	
Major:		
ENVS 459 (Advanced Energy Policy)	4	4
ENVS 320 (Intro to GIS)	4	4
ENRG 490 (Energy Capstone)	4	4
ENRG 480 (Advanced Energy Science)	4	4
Energy Science & Policy in Huxley:		
ENRG 380 (Energy and Environment)	3	3
MATH 345	4	4

ENRG 449	4	4
ESCI 392	3	3
ENRG 320	3	3
ENRG 366	4	4
ENRG 420	3	3
ENRG 380	3	3
Other Science/ Energy Courses:		
ETEC 271	5	
EE 210 (Circuit Analysis II)	4	
EE 233 (Digital Electronics)	4	
EE 220 (Electronics I)	4	
EE 244 (Embedded Microcontrollers I)	4	
EE 310 (Continuous Systems)	4	
EE 311 (Discrete Systems)	4	
EE 320 (Electronics II)	4	
EE 344 (Embedded Microcontrollers II)	4	
Total Major (Credits)	80	49

Letter from Micah Park to HCCC:

Micah Park
Huxley's Self Design Major: Electrical Energy Systems
1/29/2018

To the Board Members of Huxley College,

Engaging in the energy courses over the past couple quarters has been an eye opening experience for me. The curriculum is geared towards identifying problems within the environment and then practicing solutions to solve for these real life issues. Many of the professors I have worked with have a passion for the field that is infectious at times and rallies other students, including myself, to pick up the pieces of the crumbling environment.

I was an Electrical Engineering major under professor Todd Morton and learned a lot about embedded microcontrollers, electrical systems and various computer languages. I believe these skills can apply to my proposed major, Electrical Energy Systems, to solidify a cross between the electrical and the environment. Both sciences have a relationship that can fully benefit organizations that focus on energy efficiency or improving grid architecture.

For example, one of my friends works for Puget Sound Energy as an engineer and they are currently hiring graduates to take over the many jobs of retirees. Some occupations that may be available would be as an energy analyst, energy efficiency associate or even a plant operator/maintenance worker. As an Electrical Energy Systems major I would be focused on providing the best service to my employer to show how important this field of work is to me. In five years I would like to be employed by PSE or another energy supplier researching methods for increasing efficiency on the grid.

Thank you,
Micah Park

Letter of support from faculty member Joel Swisher:

I support Micah Park's plan for a student-designed BS degree in Electrical Energy System Science. His plan builds on a solid foundation in the physical sciences, and the additional math, engineering and physics courses more than compensate, in terms of the scientific rigor of his degree, for removing the biology core taken by life-science focused environmental science majors.

Micah completed a large part of the electric energy engineering major, and his plan complements the technical background provided by his engineering coursework. It adds Huxley and energy science courses and broadens the major to encompass the environmental and policy aspects of electric energy systems, and the key role that energy technology, especially energy efficiency and renewable sources, play in solutions to climate change and other urgent environmental problems.

Micah's major should prepare him to work, for example in an electric utility company, alongside traditional engineers and, while speaking their technical language, he will bring a more diverse toolkit and a broader context to the work of implementing the transition from fossil fuels to clean, efficient energy systems. It is also interdisciplinary in the right way, with scientific depth as well as breadth in relevant energy policy and planning topics, which are part of the skillset that our industry and non-profit advisors recommend to make our graduates more capable.

Joel N. Swisher, PhD, PE ^{[[SEP]]}
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APPENDIX B

Bullet points approved by HCCC on Feb 26, 2018 to present to the Huxley Policy Committee regarding review of non-credit bearing Extended Education courses that use the Huxley name or emblem.

- Non-credit bearing Extended Education courses that use the Huxley name or emblem should be overseen by a faculty member that assumes program oversight.
- These courses should be brought as an informational item from the lead faculty member to their home department and subject to review.
- Once presented to the department, it is the department's responsibility to pass along the non-credit bearing course with syllabus as an informational item to the HCCC.
- If the noncredit bearing course is overseen by administration, and not a faculty member, the credentials of the course instructor will be evaluated by the personnel committee.