

**New Program Code**       **Modify Program Code**

Date: 5/31/2019

**REQUESTOR CONTACT INFORMATION**

Name Stuart Lau Campus Mānoa, UH  
 Title Registrar Email stuartl@hawaii.edu  
 Office/Dept Office of the Registrar Phone 956-5322

**NEW PROGRAM CODE TO CREATE**

Institution MAN - University of Hawaii at Manoa Campus MAN - University of Hawaii at Manoa  
 Level GR - Graduate Effective Term Spring 2019

	Code (Max. Characters)	Description	Check if requesting new code:
College	(2) <u>50</u>	<u>Graduate Division</u>	<input type="checkbox"/> See Banner form STVCOLL
Department	(4) <u>MB</u>	<u>Marine Biology</u>	<input type="checkbox"/> See Banner form STVDEPT
Degree/Certificate	(6) <u>PHD</u>	<u>Doctor of Philosophy</u>	<input type="checkbox"/> See Banner form STVDEGC
Major	(4) <u>MB</u>	<u>Marine Biology</u>	<input type="checkbox"/> See Banner form STVMAJR
Concentration	(4) <u>EEC</u>	<u>Ecology, Evolutn, Conserv Biol</u>	<input type="checkbox"/> See Banner form STVMAJR
Minor	(4) _____	_____	<input type="checkbox"/> See Banner form STVMAJR

If a similar major/concentration code exists in Banner, please list the code: \_\_\_\_\_

Justification to warrant a new major/concentration code similar to an existing major/concentration code: \_\_\_\_\_

Is this major/concentration code being used the same way at the other UH campuses?  Yes  No  
 Should this program be available for applicants to select as their planned course of study on the online application? *If yes, student may select the code as their only program of study.*  Yes  No

**RULES PERTAINING TO FINANCIAL AID AND 150% DIRECT SUBSIDIZED LOAN LIMIT LEGISLATION**

Is 50% or greater of the classes in this program offered at a location other than the Home Campus?  Yes  No  
 Is this program/major/certificate financial aid eligible?  Yes  No  
 Does this certificate qualify as a Gainful Employment Program (Title IV-eligible certificate program)?  Yes  No

See <http://www.ifap.ed.gov/GainfulEmploymentInfo/index.html>

**Program Length**

*In academic years; decimals are acceptable. The length of the program should match what is published by the campus in any online and/or written publication.*

6 years

**Special Program Designations**

See *Special Program Designations Code Definitions on IRAO Program Code Request webpage*

A     B     N     P     T     U

Required Terms of Enrollment:  Fall     Spring     Summer     Extended

**IRAO USE ONLY: DATE RECEIVED**

**ADDITIONAL COMMENTS**

The MBN-PHD-EEC and MBS-PHD-EEC program codes were created but, not implemented. The two codes are to be consolidated into MB-PHD-EEC.

**ATTACHMENTS**

**BOR Approved:** Sole-credential Certificates, Associate (excluding ATS), Bachelor and Graduate Degrees, and sole credential certificates

- BOR Meeting Minutes & Supporting Documents  Curriculum

**Chancellor Approved:** Concentrations, Certificates and Associate in Technical Studies (ATS) Degree

- Memo from Chancellor to notify Vice President for Academic Planning and Policy regarding program action.  
 Curriculum

**CERTIFICATES ONLY: Please check one (1) statement. This certificate is a...**

- BOR approved certificate. BOR Meeting/Approval Date: \_\_\_\_\_  
 Chancellor approved within an authorized BOR program. BOR Program: \_\_\_\_\_  
 Chancellor approved CO in accordance with UHCCP 5.203, Section IV.B.10.

**VERIFICATIONS**

*By signing below, I verify that I have reviewed and confirm the above information that is pertinent to my position.*

Registrar  
(Print Name)

Stuart Lau




Signature

5/31/19

Date

Financial Aid Officer  
(Print Name)

Jodie Kuba

 6/4/19

Signature

Date

For Community Colleges,  
verification of consultation with  
OVPCC Academic Affairs:

Suzette Robinson

Signature

Date

**ECOLOGY, EVOLUTION AND  
CONSERVATION BIOLOGY**  
COLLEGE OF NATURAL SCIENCES  
UNIVERSITY OF HAWAII



30 October 2017

**MEMORANDUM**

**TO:** Michael Bruno  
Interim Vice-Chancellor of Academic Affairs

**FROM:** Clifford W. Morden, Chair - EECB Specialization *Cliff Morden*  
Scott Robertson, Chair - Information and Computer Sciences

**Via:** *for* Aloysius Helminck, Dean *Aloysius Helminck*  
College of Natural Sciences *Scott Robertson*

**Via:** Krystyna Aune, Dean *Krystyna Aune*  
Office of Graduate Education

**SUBJECT:** Participation of Information and Computer Sciences Graduate  
Program with the EECB Graduate Specialization

The Ecology, Evolution and Conservation Biology (EECB) Graduate Specialization was established to facilitate communication and collegiality among the various graduate programs at the University of Hawaii at Manoa with research interests in the three topic areas ecology, evolution, and/or conservation biology. The EECB graduate faculty includes faculty from the following academic departments and research units:

- \* Anthropology (0 at present)
- \* Biology (Zoology program) (8)
- \* Botany (12)
- \* Cell and Molecular Biology (1)
- \* Geography (2)
- \* Geology and Geophysics (1)
- \* HIMB (2)
- \* Marine Biology
- \* Microbiology (0 at present)
- \* NREM (2)
- \* Oceanography (2)
- \* PBRC (5)
- \* PEPS (Entomology program) (1)
- \* TPSS (0 at present)

\* Departments Hosting Presently Participating Programs

3190 MAILE WAY • ST. JOHN LAB BLDG 101 • HONOLULU, HI 96822 USA  
TELEPHONE: 808-956-9636 • E-MAIL: [eecb@hawaii.edu](mailto:eecb@hawaii.edu) • WEBSITE: <http://hawaii.edu/eecb/>

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Cooperating and Affiliate Faculty have been from the University of Hawaii at Hilo, Hawaii Cooperative Fishery Research Unit, Bishop Museum, US Fish and Wildlife Service, US Department of Agriculture, and US Geological Survey.

One faculty member of the Information and Computer Sciences Graduate Program (ICS), Dr. Lee Altenberg, has been recently accepted to the faculty of the EECB Graduate Specialization. It is also anticipated that in the coming years there will be other ICS faculty that may have interests in the EECB disciplines due to the rise of computational biology and data-intensive computation applications in ecology, evolution, and conservation biology. As such, there is a strong likelihood that future ICS graduate students may similarly have interests in participating in the benefits of the EECB Graduate Specialization.

There are several benefits to the students. First and most importantly, it allows the students academic communication with a diverse array of professionals within the EECB community. This has been of tremendous value as they endeavor to establish their thesis/dissertation committees, seek advice on research issues or professional development, analysis of data, etc. Many of these contacts would not be established if the students were not aware of the faculty resources, something done through EECB activity.

Secondly, the EECB program has obtained funding through grants and donations to support graduate student research. There are presently three fellowships that students apply to each Spring term with funds available ranging up to \$5000 per fellowship. The fellowships include (details at <http://www.hawaii.edu/eecb/current.html>):

- Maybelle Roth Fellowships (an ARCS award)
- Hampton and Meredith Carson Fellowships
- Watson T. Yoshimoto Fellowships

Thirdly, the weekly *Evoluncheon* seminar provides students with a wide variety of research talks to broaden their scope of knowledge and get better insights into research methods they might apply. Most importantly, it is an opportunity for the students to present their research in a seminar format to a friendly audience that can give them positive feedback on their work, input for possible future studies or additional analyses, and do so either in a short (meeting-style) or long (seminar) format. The current semester's seminar series is posted at <http://www.hawaii.edu/eecb/index.html> with five students have or will be presenting this semester.

Admission requirements to the EECB Specialization, in addition to OGE and department requirements (online at <http://www.hawaii.edu/eecb/admissions.html>), include the following:

- Acceptance into a graduate program in an academic department
- Enrollment at the University of Hawaii at Manoa

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- EECB faculty sponsorship (generally, but not required, being the student's major advisor)
- Research interests (via written statement) in one (or more) of the three disciplines of EECB

There are no costs associated with participation in the EECB Specialization. Faculty time is given freely by those involved and there is no financial support to the program by any of the academic departments or colleges. Faculty have worked with students to develop fundraiser activities (T-shirt sales, food sales, donations, etc) for student events.

We appreciate your attention to this request.

Approved / Disapproved:

   
\_\_\_\_\_  
Michael Bruno Date  
Interim Vice Chancellor for Academic Affairs