Change Undergraduate Minor
Biology

Status: Draft

Proposal

Proposal ID:101738
Type:Change Major/Option/Minor/Certificate
Effective Term:Fall 2017
Justification:
ECAMPUS PROPOSAL

The Department of Integrative Biology in the School of Life Sciences, College of Science submitted a proposal to extend their existing Undergraduate Minor in Biology to distant locations via online delivery by ECampus. The proposed extension was reviewed by the Curriculum Council followed by a review and approval by the OSU Provost (Vice Provost for Academic Programs and Learning Innovation).

https://secure.oregonstate.edu/ap/cps/proposals/view/101738

On behalf of the Department of Integrative Biology and Ecampus, the Office of Academic Programs and Assessment (APA) has prepared this expedited CPS proposal to record (and archive) the various documents and decisions associated with the proposal.

This Ecampus proposal was initially REVIEWED by Extended Campus, and the Office of Academic Programs and Assessment. The submitted documents that comprise the proposal, along with comments related to the proposal, have been attached.

CIP Number: The Classification of Instructional Programs (CIP number) has been entered: 26.0101

PROPOSAL REVIEW, APPROVAL, and IMPLEMENTATION PROCESS

Review and Approval Steps:

Library Evaluation: NA
Graduate School: APPROVED - NA
Academic Programs Committee: Not Reviewed
Extended Campus: APPROVED - Unknown Date
Graduate School (Program Learning Outcomes): APPROVED - Not Reviewed
Budgets and Fiscal Planning Committee: APPROVED - Not Reviewed
Graduate Council: APPROVED - Not Reviewed
Curriculum Council: REVIEWED – (to be entered)
Executive Committee: Informational Item; Not Reviewed
Faculty Senate: APPROVED - Not Reviewed
OSU Provost (Vice Provost for Academic Programs and Learning Innovation): APPROVED – (to be entered)
External Review (Graduate Degree Programs Only): NA
Graduate Council – External Review Report: APPROVED - NA
OSU Board of Trustees: APPROVED - NA
Statewide Provosts' Council: APPROVED - NA
Higher Education Coordinating Commission: APPROVED - NA

Implementation:

Submitted to Registrar's Office: (to be entered)
NWCCU Prospectus Submitted: NA
Campus Notifications by the Office of Academic Programs and Assessment: (to be entered)

Final Action Date: (to be entered)
Final Approval By: OSU Provost (Designate: Vice Provost for Academic Programs and Learning Innovation)
Effective Term (Proposed): Winter Term 2017 (201702)
Effective Term (Actual): (to be entered)

CPS #: 101738
CIP #: 26.0101
SIS Major Code: 509
SIS Graduate Option Code: NA
College Code: 08
Professional Accreditation: None
Certification: None

Embedded Proposals to be Prepared and Submitted by APAA: None

5-Year Follow-Up Review: NA
Comments:*None*

Originators

NAME	TITLE	DEPARTMENT/SCHOOL
J Brock Mc Leod	Advisor-Academic	Biology
Gary Beach	Coord- Senior Curriculum	Acad Prgms/Assess/Accred

Contacts

NAME	TITLE	DEPARTMENT/SCHOOL
Robert Mason	Administrator 2-Assoc Dpt Head	Integrative Biology
Alfonso Bradoch	Dir-Dept & Studen Svcs	Extended Campus
Erica Curry	Coordinator-Curr Accr & Assess	Extended Campus

Liaisons

LIAISON	STATUS	REQUIRED
Marita Barth - Instructor / Chemistry	Not Contacted	Yes
Jerri Bartholomew - Department Head / Microbiology (Science)	Not Contacted	Yes
Linda Bruslind - Senior Instructor II / Microbiology (Science)	Not Contacted	Yes
Kevin Gable - Professor / Chemistry	Not Contacted	Yes
Robert Mason - Administrator 2-Assoc Dpt Head / Integrative Biology	Not Contacted	Yes

J Brock Mc Leod - Advisor-Academic / Biology	Not Contacted	Yes
Carol Rivin - Associate Professor / Ag Botany / Plant Path	Not Contacted	Yes
Virginia Weis - Professor / Integrative Biology	Not Contacted	Yes

Program Information

Program Title:Biology
CIP Code:26.0101
College/Department or College/School:College of Science / School of Life Sciences

Program Type:Undergraduate Minor
Original Program:Biology
Description:

- **Proposed**
- Current
- Comparison

Administered by the Department of Integrative Biology under the School of Life Sciences.

Requirements:

- **Proposed**
- Current
- Comparison

Students majoring in Biochemistry and Biophysics, Biochemistry and Molecular Biology, Biohealth Sciences, Biology, Botany and Plant Pathology, Microbiology and Zoology cannot declare the Biology minor. The courses below may be shared with other majors outside of those listed above.

The Biology minor includes a required introductory biology sequence with a chemistry prerequisite or corequisite for the second term of each series. A term of organic chemistry, CH 331 or 334, is required to take BB 314 or BI 314, Cell and Molecular Biology, and some of the listed physiology courses. A C– or better in the BI 21x or 20x series is required to complete the minor.

Required (16)

BI 211, BI 212, BI 213. *Principles of Biology (4,4,4)
  or BI 204, BI 205, BI 206. *Introductory Biology I,II,III (4,4,4)
BI 311. Genetics (4)

Electives: Choose one course in each of the following subject areas:

Cellular and Molecular Biology (3–4 credits):

BB 314/BI 314. Cell and Molecular Biology (4) **[BI 314 terminated summer 2017]**
BB 331. *Introduction to Molecular Biology (3)

Ecology (3–4 credits):

BI 348. *Human Ecology (3)
BI 351. Marine Ecology (3)
BI 370. Ecology (3)
BOT 341. Plant Ecology (4)

MB 448. Microbial Ecology (3)
Z 349. *Biodiversity: Causes, Consequences, and Conservation (3)

Evolution (3 credits):

BI 345. *Introduction to Evolution (3)
BI 445. Evolution (3)

Organismal and Physiology (3–4 credits):

BI 331. Advanced Human Anatomy and Physiology (3)
and BI 341 Advanced Human Anatomy and Physiology Laboratory (2)
BOT 313. Plant Structure (4)
BOT 321. Plant Systematics (4)
BOT 331. Plant Physiology (4)
BOT 425. Flora of the Pacific Northwest (3)
BOT 488. Environmental Physiology of Plants (3)
MB 302. General Microbiology (3)
Z 315. Dinosaur Biology (3)
Z 350. Animal Behavior (3)
Z 361. Invertebrate Biology (3)
Z 365. Biology of Insects (4)
Z 371. Vertebrate Biology (3)
Z 423. Environmental Physiology (3)
Z 431. Vertebrate Physiology I (3)
Z 432. Vertebrate Physiology II (3)
Z 440. Insect Physiology (3)
Z 473. Herpetology (3)

Total=28–32 credits

Footnotes:

* Baccalaureate Core Course (BCC)
^ Writing Intensive Course (WIC)

Documents

FILE NAME	FILE SIZE	COMMENT	DATE ADDED
(GLB Review) U Minor in Biology17.321.docx	20.95 Kb	APA review of the proposed extension of the existing Undergraduate Minor in Biology to distant location via online delivery by Ecampus.	Nov 28, 2017 2:40 pm
(Proposal) U Minor in Biology17.321.pdf	1.47 MB	Draft proposal from the School of Life Sciences via the Office of Extended Campus reviewed by APAA.	Nov 28, 2017 2:44 pm
(Catalog) Undergrad Minor in Biology17.Y28.docx	40.05 Kb	Current Catalog description of the Undergraduate Minor in Biology	Nov 28, 2017 2:51 pm

FILE NAME	FILE SIZE	COMMENT	DATE ADDED
(Proposal) Undegrad in Biology17.321.pdf	102.38 Kb	Original draft proposal.	Nov 28, 2017 3:54 pm
(Proposal-Revised) Undergrad Minor in Biology17.Y28.docx	21.64 Kb	Proposal revised based on recommendations and suggestions from APA.	Nov 28, 2017 4:04 pm
(Proposal-Revised by IB) Undergrad Minor in Biology17.Y28.docx	21.97 Kb	Revisions to the APA review document	Nov 28, 2017 4:05 pm
(Memo) Undergrad Minor in Biology17.Y28.doc	43.00 Kb	Memo from APA to the Curriculum Council.	Nov 28, 2017 4:20 pm