

**ACADEMIC SENATE PROPOSAL TRACKING SHEET**  
**(Document To Be Originated by the Academic Senate Secretary On Canary Color Paper)**

<b>Proposal #</b> 23-38	<b>Title:</b> Dual List BIOC 336 as Grad Credit (BIOC 536)
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(Proposal explanation, submitter and college dean signatures on attached program/degree or course revision form.)

**All proposals MUST have their originating college faculty body (Arts, Sciences & Education; Health Sciences; Technical Sciences) approval and must be signed by the submitter and the college dean before being submitted to the Academic Senate Secretary.**

1. Submit all proposals (using the appropriate Academic Senate program/degree and/or course revision forms or General Education Inclusion form) to the Academic Senate Secretary. **NOTE: Level 1 or Level 2 forms must be submitted concurrent with this proposal where applicable. For Education proposals, PEU approval must be received prior to forwarding the proposal to the Senate.**
2. The Academic Senate Secretary logs and numbers items and forwards them to the appropriate Academic Senate subcommittee(s): General Education (if applicable), or Curriculum. A digital copy of the proposal will be linked on the Academic Senate Proposal page by the Academic Senate Secretary.
3. The Academic Senate subcommittee(s) consider(s) the proposal. If approved, the proposal is returned to the Academic Senate Secretary for forwarding to the next committee. If a committee disapproves the proposal, the committee will provide written rationale to the originator, via the Academic Senate.\* The originator may request that the item be forwarded to the next body for consideration. Upon completion of subcommittee action, the proposal will be returned to the Academic Senate Secretary for consideration at the next Academic Senate meeting.
4. The Academic Senate considers the proposal and recommends approval or disapproval. If approved, the proposal is forwarded to the Provost for consideration within 10 working days. If the Academic Senate disapproves the proposal, the Academic Senate will provide written rationale to the originator. \* The originator may request that the item be forwarded to the Full Faculty for consideration, utilizing procedures set forth in the Senate Bylaws.
5. Approved proposals will be forwarded to the Provost. The Provost approves or disapproves the proposal. If approved, the proposal is then forwarded to the Chancellor. From this point forward, the Provost's Administrative Assistant will update the Proposal page on the website by contacting the webmaster.
7. The Chancellor approves or disapproves the proposal.
8. If approved, the proposal will then either be implemented or referred to MSU for further action. The tracking page on the Provost site will be updated as required.

**Subcommittee and Academic Senate college representatives will notify their respective colleges of the progress of submitted proposals or the proposal may be tracked via the web page -- <http://www.msun.edu/admin/provost/senate/proposals.htm>**

**Documentation and forms for the curriculum process are also available on the web page: <http://www.msun.edu/admin/provost/forms.htm>**

**\* If a proposal is disapproved, it is returned to the Dean of the submitting college who then notifies the originator.**

**See back for tracking form**

	Date	Action Taken	Signature	Date	Comments/Reason for Disapproval	Sent to	Date	Transmittal E-mail sent
Received by Senate Secretary	1/5/2024	Tracking form initiated	<small>DocuSigned by:</small> Brittany Garden <small>7131C20654E99458</small>	1/5/2024		Sent to Curriculum Committee	1/5/2024	DocuSign
General Education Committee (if applicable)		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved						
Curriculum Committee (if applicable)	2/9/2024	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<small>DocuSigned by:</small> Casey Donovan <small>7131C20654E99458</small>	2/9/2024				
Academic Senate	2/25/2024	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<small>DocuSigned by:</small> Valerie Guyant <small>DE995B0729A143B</small>	2/25/2024				
Provost		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<i>[Handwritten Signature]</i>	6/10/24				
Chancellor		<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<i>[Handwritten Signature]</i> Gregory O. Keyel	6-4-2024				
MSU		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<i>N/A</i>					
BOR		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved						
NWCCU		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved						
Provost		Advise originating college and Academic Senate of status. Update Web page.						
Registrar		Catalog/Policy Manual Update						

**NOTE:** The secretary of the Academic Senate will update the Academic Senate Proposal web page from initial receipt until the proposal reaches the Provost. The Provost's Administrative Assistant will ensure that the current status of each proposal is maintained on the Academic Senate Proposal web page from that point forward.

## COURSE REVISION FORM

NEW \_\_\_\_\_ DROPPED \_\_\_\_\_ MAJOR REVISION  FOR INFORMATION ONLY \_\_\_\_\_

For purposes of this form, "For Information Only" should be used for catalog description or objective changes ONLY

College Arts, Sciences & Education Program Area **Biology (B65)**Submitter Lara Hildbrand, PhD  
SignatureDean Beth Dunwoody Date 4-5-24  
Signature (indicates "college" level approval)

Please provide a brief explanation &amp; rationale for the proposed revision(s):

This proposal seeks approval to dual list an upper division course with new learning outcomes that build on the ~~lower~~ <sup>undergraduate</sup> division Rocky Mountain Flora Lab (BIOO 336). It also provides a course description for the ~~upper division~~ <sup>graduate level</sup> Rocky Mountain Flora Lab.

Course Prefix &amp; No.: BIOO 536

Current Course Title: Rocky Mountain Flora Lab

Proposed Course Title (when applicable):

Current # of Credits: 0

Proposed # of Credits (when applicable): 0

[please specify degrees]:

Required by:

Selective in:

Elective in: Biology – Ecology and Conservation Biology Track

General Education Category:

Lecture:

Lecture/Lab:

Gradable Lab:

Lecture contact hours per week:

Lab contact hours per week: 2

Current Catalog Description (include all prerequisites):

**Proposed or New Catalog Description (include all prerequisites):** Students develop skills in using dichotomous keys and plant identification. Students develop a detailed collection list based on plants associated with specific ecological landscapes, human impacts, and their mitigation plan, e.g., invasive species. Plant collections include both hard-copy and electronic herbarium labels that feature comprehensive associated species lists and ecological information. Correct herbarium mounting format also is included. Prerequisites: BIOB 160/161 Principles of Living Systems Lecture and Lab. Corequisite: BIOO 535 Rocky Mountain Flora Lecture. Course fee: \$40.00.

Course Outcomes/Objectives:

1. Acquire knowledge of and implement special plant collecting procedures associated with species of concern (e.g., endangered plants), unique properties (e.g., state and national parks), and private land ownership.
2. Develop georeferencing skills, particularly in relationship to plant species of concern.
3. Learn database entry protocols, including requests that block locality information, in national repositories
4. Learn specimen mounting skills for use by future students and scientists.

Please note additional instructional resources needed, if any (including library materials, special equipment, and facilities). Approval does not indicate support for new faculty or additional resources.

A need for additional instructional resources is not anticipated.