

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

<b>Proposal #</b> 23-29	<b>Title:</b> Revision for Credit Hour Requirements - CHMY 144 College Chemistry Lab 2
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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	12/1/2023	Tracking form initiated	<small>DocuSigned by:</small> <i>Brittany Garden</i>	12/1/2023	Sent to Curriculum Committee	Committee	12/1/2023	DocuSign
General Education Committee (if applicable)		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<small>7131CC9454D9458</small>					
Curriculum Committee (if applicable)	1/4/2024	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<small>DocuSigned by:</small> <i>Casey Donovan</i>	1/4/2024	Passed - Forward to Academic Senate			
Academic Senate	1/12/2024	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<small>DocuSigned by:</small> <i>Valerie Guyant</i>	1/12/2024				
Provost	1/22/24	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<small>DocuSigned by:</small> <i>John J. Shan</i>	1/22/24				
Chancellor	1-26-2024	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<i>Gregory O. Kopf</i>	1-26-2024		Provost	1-29-24	
MSU		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved						
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.

Academic Senate Form 1 (Revised 4/4/2023)

**COURSE REVISION FORM**NEW \_\_\_\_\_ DROPPED \_\_\_\_\_ MAJOR REVISION X FOR INFORMATION ONLY \_\_\_\_\_

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

College CASE Program Area BiologySubmitter \_\_\_\_\_ Dean \_\_\_\_\_ Date 11/06/2023  
Signature Signature (indicates "college" level approval)

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

In an effort to make the biology major and courses more consistent across campuses, the credit hours for the Lab will be reduced to 1 from 2 and only one 2-hour section will be necessary instead of the current split 2 2-hour sections on Tuesdays and Thursdays.

Please provide the following information:

**Course Prefix & No.:**

CHMY 144

**Current Course Title: College Chemistry Lab 2****Proposed Course Title (when applicable): College Chemistry Lab 2****Current # of Credits: 2****Proposed # of Credits (when applicable): 1****[please specify degrees]:****Required by:** Biology Major**Selective in:****Elective in:****General Education Category:** none**Lecture:** no**Lecture/Lab:** 2**Gradable Lab:** Yes**Lecture contact hours per week:** 0**Lab contact hours per week:** 2**Current Catalog Description (include all prerequisites):****CHMY 142. College Chemistry Lab 2. 2 Credits.**

This course must be taken concurrently with CHMY 141. This course does meet the laboratory science requirement.

Course Fees: \$23.50

**Proposed or New Catalog Description (include all prerequisites):****CHMY 142. College Chemistry Lab 2. 1 Credits.**

This course must be taken concurrently with CHMY 141. This course does meet the laboratory science requirement.

Course Fees: \$23.50

### **Course Outcomes/Objectives:**

Upon successful completion of the course the student will:

- understand the different types of solutions and colligative properties;
- solve problems involving the principles of chemical kinetics;
- solve problems involving the principles of thermodynamics;
- solve problems involving the principles of chem. equilibrium;
- compare and contrast the principal theories of acids and bases;
- solve problems involving electrochemical equations;
- compare and contrast the general physical and chemical properties of the common metal cations and common anions;
- use the properties of the common ions to identify them in unknown samples;
- solve basic problems involving nuclear chemistry;
- learn how to safely and effectively work with chemicals and laboratory apparatus and equipment;
- gather empirical data and analyze this data to gain an understanding of the concepts studied in College Chemistry 1 lecture.

**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.**

Updated 4/4/2023