

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

<b>Proposal # 22-61</b>	<b>Title: Secondary Education: General Science</b>
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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 (Ex. Arts & Sciences, Education and Nursing; 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 transmittal e-mail will be sent to the Recording Secretary of the receiving committee, cc Provost's Administrative Assistant, by the Academic Senate Secretary. 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 originator may request that the item be forwarded to the next body for consideration. The committee will provide written rationale to the originator, via the Academic Senate, when a proposal is disapproved and the proposal is returned to the originator. Upon completion of committee action, the proposal will be returned to the Academic Senate Secretary, and a transmittal e-mail sent by the Committee Recorder to the Senate Secretary, cc Provost's Administrative Assistant.
4. The Academic Senate considers the proposal and recommends approval or disapproval. If approved, the proposal is forwarded to the Provost for consideration. If the Academic Senate disapproves the proposal, the originator may request that the item be forwarded to the Full Faculty for consideration, utilizing the procedures set forth in the Senate Bylaws. The Academic Senate will provide written rationale to the originator when proposals are disapproved and the proposal is returned to the originator.
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. 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 is also available on the web page:  
<http://www.msun.edu/admin/provost/forms.htm>**

**\*\*\*\*(If a proposal is disapproved at any level, it is returned through the Academic Senate secretary and the Senate President, to the Dean of the submitting college who then notifies the originator.**

	Date	Action Taken	Signature	Date	Comments/Reason for Disapproval	Sent to	Date	Transmittal E-mail sent
*Abstract received by Senate Secretary		Copy to Senate President. Forward to Provost.						
*Provost		<input type="checkbox"/> Abstract Approved <input type="checkbox"/> Disapproved						
Received by Senate Secretary	04/04/2023	Tracking form initiated	D Bradley		Forward to Gen Ed	K Udayakumar		
General Education Committee (if applicable)	04/04/2023	<input type="checkbox"/> Approved <input type="checkbox"/> N/A	D Bradley		Forward to Curriculum Committee	C Donoven		DocuSign
Curriculum Committee (if applicable)	04/04/2023	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	DocuSigned by: Casey Donoven		Forward to Academic Senate	Senayant		DocuSign
Academic Senate	4/11/2023	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	DocuSigned by: Valerie Guyant		forward to Provost	Provost		DocuSign
Full Faculty (if necessary)		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	DocuSigned by: DE995B0729A143B...					
Provost	5-26-23	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	Carol A. Ruffelmeier		Forward	chancellor		
Chancellor		<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	Angie O. Keyel	5.6.2023				
MSU		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	N/A					
BOR		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	N/A					
NWCCU		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	N/A					
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.

\*Abstract and pre-approval required for new programs ONLY.

**PROGRAM/DEGREE REVISION FORM**

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

College CASE Program Area Education Date 2-25-2023

Submitter Jay P 3/29/2023 Dean Beth Durso Date 5-1-23  
Signature Signature (indicates "college" level approval)

**Please provide a brief explanation & rationale for the proposed revision(s).**

1. To consolidate the coursework in the education program to bring our credit count in parity with other universities across the state.
2. To combine courses where appropriate to eliminate the 1-credit and 2-credit courses in order to make delivery and student course load more efficient
3. To align coursework (CCN) with the MUS Transfer Pathways

**Please provide in the space below a "before and after" picture of the program with the changes in the program noted. Attach appropriate Course Revision Forms. Please indicate changes by shading the appropriate cells.**

PROPOSAL TITLE Secondary Education: General Science

**Current Program listed  
in 19-20 Catalog**

**Proposed Program  
for 23-24 Catalog**

Prefix	#	Course Title	Credits
		GENERAL EDUCATION CORE	
WRIT	101	College Writing (CAT I)	3-4
COMX	111 OR 115	Public Speaking OR Interpersonal Communications (CAT I)	3
M	121	College Algebra or higher Math	4
		CATEGORY III Natural Sciences	6-7
PSYX	230	Developmental Psych (CAT IV)	3
		Any CAT IV course	6
		Any CAT V course	3
		Any CAT VI course	6
EDU	270	Integrating Tech in Education (CAT VII)	3
		<b>General Education Total</b>	35-36
		EDUCATION PROFESSIONAL CORE	
EDU	225	Intro to Ed Psych	3
EDU	201	Intro to Educ. w/Field Exp.	3
HTH	110	Personal Health and Wellness	3
EDSP	304	Ed & Psych of Exceptional Children	3
EDU	382	Assessment, Curriculum, and Instruction	3
EDU	3XX A	Field Experience K-12 I	1
EDU	481	Content Area Literacy	2
EDU	497 SC	Methods of Teaching Secondary Science	3
EDU	3XX B	Field Experience K-12 II	1
EDU	452	Advanced Practicum	3
EDU	3XX C	Field Experience K-12 III	1
EDU	495	Secondary Teaching 5-12	12
		<b>Education Program Total</b>	38
		GENERAL SCIENCE COURSE REQUIREMENTS	
BIOB	160	Principle of Living Systems	3
BIOB	161	Principles of Living Systems Laboratory	1
BIOO	220	General Botany	3
BIOO	221	General Botany Laboratory	2
BIOE	370	General Ecology	4
BIOE	371	General Ecology Laboratory	0
BIOO	380	Zoology	3
BIOO	381	Zoology Laboratory	2
BIOB	420	Evolution	4
CHMY	141	College Chemistry I	5
CHMY	142	College Chemistry I Lab	0
CHMY	143	College Chemistry II	3
CHMY	144	College Chemistry II Lab	2
GEO	101	Introduction to Physical Geology	4
GEO	102	Introduction to Physical Geology Lab	0
GEO	328	General Hydrology	3
GPHY	111	Introduction to Physical Geography	4
PHSX	205	College Physics I	3
PHSZ	206	College Physics I Laboratory	1
PHSX	207	College Physics II	3
PHSX	208	College Physics II Laboratory	1
		CHOOSE FOUR CREDITS OF THE FOLLOWING	
BIOH	201	Human Anatomy & Physiology I	4
BIOH	211	Human Anatomy & Physiology II	4
BIOO	320	General Botany	4
BIOO	321	General Botany Laboratory	0
BIOO	462	Entomology	3
BIOO	463	Entomology Laboratory	0
BIOO	470	Ornithology	3
BIOO	471	Ornithology Laboratory	0
BIOB	450	Molecular Biology Techniques	3
BIOB	451	Molecular Biology Techniques Laboratory	0
BIOE	428	Freshwater Ecology	4
BIOE	429	Freshwater Ecology Laboratory	0
BIOE	410	Field Biology Methods	4
BIOE	411	Field Biology Methods Laboratory	0
BIOM	400	Medical Microbiology	3

Course Prefix	#	Course Title	Gen-Ed Credits	Degree Credits
		GENERAL EDUCATION CORE		
WRIT	101	College Writing (CAT I)	3	
COMX	111 OR 115	Public Speaking OR Interpersonal Communications (CAT I)	3	
M	121	College Algebra	3	
		CATEGORY III Natural Sciences	6-7	
PSYX	230	Developmental Psych (CAT IV)	3	
		Any CAT IV	3	
		Any CAT V	6	
		Any CAT VI	6	
EDU	270	Integrating Tech in Education (CAT VII)	3	
		<b>General Education Total</b>	35-36	
		EDUCATION PROFESSIONAL CORE		
EDU	201	Introduction to Education w/ Field Experience		3
HTH	110	Personal Health and Wellness		3
EDSP	304 OR 460	Exception Child OR Learning Disabilities		3
EDU	211	Multicultural Education		3
EDU	336 A	Practicum I		3
EDU	340	Classroom Management		3
EDU	382	Assessment, Curriculum, and Instruction		3
EDU	336 B	Practicum II		3
EDU	481	Content Area Literacy		3
EDU	452	Advanced Practicum		3
EDU	497 SC	Methods: 5-12 General Science		3
EDU	495	Student Teaching		12
		GENERAL SCIENCE COURSE REQUIREMENTS		
BIOB	160	Principle of Living Systems		3
BIOB	161	Principles of Living Systems Laboratory		1
BIOO	220	General Botany		3
BIOO	221	General Botany Laboratory		2
BIOE	370	General Ecology		4
BIOE	371	General Ecology Laboratory		0
BIOO	380	Zoology		3
BIOO	381	Zoology Laboratory		2
BIOB	420	Evolution		4
CHMY	141	College Chemistry I		5
CHMY	142	College Chemistry I Lab		0
CHMY	143	College Chemistry II		3
CHMY	144	College Chemistry II Lab		2
GEO	101	Introduction to Physical Geology		4
GEO	102	Introduction to Physical Geology Lab		0
PHSX	205	College Physics I		3
PHSZ	206	College Physics I Laboratory		1
PHSX	207	College Physics II		3
PHSX	208	College Physics II Laboratory		1
		<b>Total</b>	<b>125</b>	

**Additional instructional resources needed (including library materials, special equipment, and facilities).  
Please note: approval does not indicate support for new faculty or additional resources.**

Updated 09/29/05