ACADEMIC SENATE PROPOSAL TRACKING SHEET

(Document To Be Originated By the Academic Senate Secretary On Canary Color Paper)

Proposal # 18-28	**Title: Secondary Education-General Science-Program Revision-Practicums**

MAR 2 9 2019

(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.**

See back for tracking form

	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**		☐ Abstract Approved ☐ Disapproved						
Received by Senate Secretary	3/29/19	Tracking form initiated	Bradley		forward to Gen Ed	Gen Ed	3/29/19	Inner office
General Education Committee (if applicable)	3/29/19	☐ Approved ☐ Disapproved NA	Gen Ed L. Duncan		forward to Comm	Comm Todd	4/1/19	Inner office
Curriculum Committee (if applicable)	4/1/19	☑ Approved ☐ Disapproved	[signature]		forward to Senate	Senate	4/4/19	inner office
Academic Senate	4/11/19	☒ Approved ☐ Disapproved	Senate		forward	C. Bond	4/12/19	inner office
Full Faculty (if necessary)		☐ Approved ☐ Disapproved						
Provost		☐ Approved ☐ Disapproved						
Chancellor		☐ Approved ☐ Disapproved						
MSU		☐ Approved ☐ Disapproved						
BOR		☐ Approved ☐ Disapproved						
NWCCU		☐ Approved ☐ 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. ***Abstract and pre-approval required for new programs ONLY.**

CEAS PROPOSAL TRACKING SHEET
(Document to Be Originated By CEAS Secretary)

1. Submit all proposals (using the appriopriate academice Senate Program/Degree and /or course revision forms) to the CEAS Adminitrative Associate
2. The CEAS Administrative Associate forwards them to the appriopriate CEAS Committee

Proposal Number: # 20	Secondary Educ-Gen Science - Program Revision

	Date			
Received by CEAS Administrative Associate	2.20.19			
Forward to the CEAS College Meeting	2.20.19	**Approved** ✓	**Disapproved**	
		Chair Signature		**Date** 2/22/19
Returned to CEAS Admin. Associate	2.26.19			
Forward to the Director of Education (Education Proposals Only)	2.26.19	**Approved** ✓	**Disapproved**	
		Director Signature		**Date** 3-5-19
Returned to CEAS Administrative Associate	3.5.19			
Forwarded to Dean of COEAS	3-5-19	**Approved** ✓	**Disapproved**	
		Dean Signature		**Date** 3-5-19
Returned to CEAS Administrative Associate	3-5-19			
Forwarded to Professional Education Unit	3.8.19	**Approved** ✓	**Disapproved**	
		PEU Signature		**Date** 4-1-19
Returned to CEAS Administrative Associate	4.1.19			
Forward to Academic Subcommittes	4.1.19			

Updated 10/01/2018 (removal of Nursing from form) DDB
Updated 10/03/2018 (added Director of Education) DDB

PROGRAM/DEGREE REVISION FORM

NEW____ DROPPED____ MAJOR REVISION____ FOR INFORMATION ONLY_X__

College CEAS Program Area Secondary Education- GENERAL SCIENCE Date

Submitter _____ Dean _____ Date 3-5-19

Signature Signature (indicates "college" level approval)

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

The Education Initial Programs is revising the delivery of Practicum experiences by removing these requirements from coursework and creating individual stand-alone courses for each Practicum experience. This program revision is being put forward to reflect the following changes. EDU 380, EDU 334/EDU335, and EDU 452 are having their Practicum removed from course requirements, EDU 380 and EDU 383 being merged into a new course EDU 382, EDU 3XX A, B, C will be created as a Practicum course.

We are also updating all courses to reflect the EDU CCN across the MUS colleges in order to be in compliance. Most EDUC courses had corresponding flocked EDU courses.

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: Program Revision (Practicums)

Current Program listed in 18-19 Catalog	Proposed Program for 19-20 Catalog

Current 18-19

Course 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 Any BIO, CHMY, GEO, PHYS, and NSCI course below	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
		General Education Total	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	380	Curriculum & Planning with Assess	3
EDU	383	Assessment in Education	3
EDU	481	Content Area Literacy	2
EDU	497 SC	Methods of Teaching Secondary Science	3
EDU	452	Advanced Practicum	3
EDU	495 SE	Secondary Teaching 5-12	12
		Education Program Total	38
		GENERAL SCIENCE COURSE REQUIREMENTS	
BIOB	160	Principe 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
PHSY	205	College Physics I	3
PHSY	206	College Physics I Laboratory	1
PHSY	207	College Physics II	3
PHSY	208	College Physics II Laboratory	1

Proposed 19-20

Course Prefix	#	Course Title	Gen-Ed 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
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EDU	270	Integrating Tech in Education (CAT VII)	3
		General Education Total	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	3X XA	Field Experience K-12 I	1
EDU	481	Content Area Literacy	2
EDU	497 SC	Methods of Teaching Secondary Science	3
EDU	3X XB	Field Experience K-12 II	1
EDU	452	Advanced Practicum	3
EDU	3X XC	Field Experience K-12 III	1
EDU	495	Secondary Teaching 5-12	12
		Education Program Total	38
		GENERAL SCIENCE COURSE REQUIREMENTS	
BIOB	160	Principe of Living Systems	3
BIOB	161	Principles of Living Systems Laboratory	1
BIOO	220	General Botany	3
BIOO	221	General Botany Laboratory	2
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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

		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
BIOM	401	Medical Microbiology Laboratory	0
GEO	314	Introduction to Paleontology	3
NSCI	450	Undergraduate Research I	3
NSCI	451	Undergraduate Research II	3
		Total	128

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

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
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