

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

Proposal # 19-05	Title: BIOB 272 CAT III Inclusion to the Gen Ed Core
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(Proposal explanation, submitter and college dean signatures on attached program/degree or course revision form.)

DEC - 9 2019

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		<input type="checkbox"/> Copy to Senate President. Forward to Provost. <input type="checkbox"/> Abstract Approved <input type="checkbox"/> Disapproved						
*Provost		<input type="checkbox"/> Disapproved						
Received by Senate Secretary	2/9/19	Tracking form initiated	<i>[Signature]</i>		Forward	<i>[Signature]</i>		<i>[Signature]</i>
General Education Committee (if applicable)	1/9/20	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<i>[Signature]</i>	1/9/20	forwarded	<i>[Signature]</i>	1/31/20	<i>[Signature]</i>
Curriculum Committee (if applicable)	1/29/2020	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<i>[Signature]</i>	1/29/2020	forward	<i>[Signature]</i>		<i>[Signature]</i>
Academic Senate	2/11/2020	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<i>[Signature]</i>	2/19/2020	Forward	<i>[Signature]</i>	3/1/2020	<i>[Signature]</i>
Full Faculty (if necessary)		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved						
Provost		<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<i>[Signature]</i>	2/18/21	<i>[Signature]</i>	<i>[Signature]</i>	2/26/21	
Chancellor		<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	<i>[Signature]</i>			AA	3/18/21	
		<input type="checkbox"/> Disapproved					3-1-2021	
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		<input type="checkbox"/> Disapproved <input type="checkbox"/> Approved						
		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. Academic Senate Form 1 (Revised 3/21/2012)

Request for Inclusion in the General Education Core

Add to Category	Gen Ed Category	Area Description	Credits Required
	Category I	Communication	6
	Category II	Mathematics	3
X	Category III	Natural Sciences with lab	6
	Category IV	Social Sciences/History	6
	Category V	Cultural Diversity	3
	Category VI	Fine Arts/Humanities	6
	Category VII	Technology	3

Course submitted for consideration:

College	Subject	Number	Title	Credits
CASE	BIOB	272	Genetics & Evolution	4

Catalog Description: *This course presents an introduction to the principles and mechanisms of inheritance and evolution. It includes analyses of variability at the level of individuals and populations. Included are discussions on changes in chromosomes and how those changes move through generations. Variability in populations, the units of evolution, is examined, especially in light of how differences can lead to molecular evolution, speciation, and extinction. Emphasis is on discussions of current and relevant topics and examples. Includes an interactive lab.*

Provide a detailed explanation; show evidence, and rationale meeting 80% of the objectives as directly related to the appropriate category I through IX for the proposed course inclusion.

<p>1. Demonstrate basic competence in the principles and theories used in the natural sciences.</p> <p>2. Define, describe, and apply the scientific method.</p> <p>3. Convey ideas using language and presentation skills specific to the natural sciences.</p> <p>4. Use critical thinking to synthesize information, evaluate assumptions and claims, and draw evidence-based conclusions.</p>	<p><i>Principles and theories used in the natural sciences are grounded in evolutionary theory. In addition, comprehending evolutionary theory requires an introductory understanding of inheritance and genetics. This course is an excellent general education course in that it provides students with a basic level of knowledge to gain competencies in these two most important topics.</i></p> <p><i>The scientific method (SM) is critical to student understanding of evidence-based learning in the natural sciences. This course discusses the SM with each study introduced and students specifically implement the SM in their experimental designs during the lab component of the course.</i></p> <p><i>Students write (journals and manuscripts) following the format used in the natural sciences (Introduction, Materials & Methods, Results, and Discussion). Group oral presentations follow this format as well.</i></p> <p><i>After learning the mechanisms that drive genetics and evolution, synthesis of and drawing evidence-based conclusions becomes the focus of this course. Students learn that genetics and evolutionary theory are verification-driven principles based on rigorous scientific methods. Development of critical thinking skills are necessary to evaluate natural science assumptions in the modern world.</i></p>
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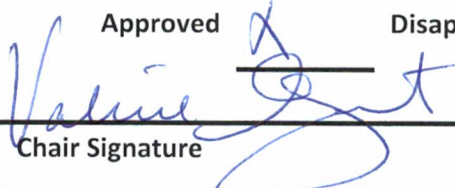
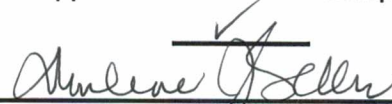
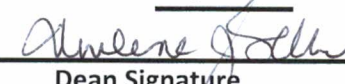

Print Name Terri Hildebrand	Print Name
Submitter <i>Terri Hildebrand, Ph.D.</i>	Chair/Dean:
Date: 11/21/2019	Date: <i>12-4-19</i>
Signature	Signature (indicates "college" level approval)

CEAS PROPOSAL TRACKING SHEET

(Document to Be Originated By CEAS Secretary)

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

Proposal Number: # 3	Request for Inclusion in the Gen Ed Core
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	Date			
Received by CEAS Administrative Associate	10/21/2019			
Forward to the CEAS College Meeting	10/30/2019	Approved	Disapproved	
				
		Chair Signature		Date
Returned to CEAS Admin. Associate	<u>11.8.19</u>			
Forward to the Director of Education (Education Proposals Only)	<u>11.8.19</u>	Approved	Disapproved	
				
		Director Signature		Date
				<u>11-21-19</u>
Returned to CEAS Administrative Associate	<u>11.21.19</u>			
Forwarded to Dean of COEAS	<u>11.25.19</u>	Approved	Disapproved	
				
		Dean Signature		Date
				<u>12-4-19</u>
Returned to CEAS Administrative Associate	<u>12.4.19</u>			
Forwarded to Professional Education Unit		Approved	Disapproved	
				
		PEU Signature		Date
Returned to CEAS Administrative Associate	<u>12.4.19</u>			
Forward to Academic Subcommittees	<u>12.9.19</u>			