

PROCEDURAL SEQUENCE FOR ACADEMIC SENATE APPROVAL OF PROPOSALS

1. Submit all proposals to the Office of Academic Affairs.
2. The Senate President will log items and forward them to the appropriate Senate subcommittees.
3. The Senate subcommittee will send the proposal to the Senate.
4. Senate proposals will be considered by the Full Faculty.
5. If approved, the proposal will then be forwarded to the Provost/Senior Vice Chancellor.

Proposals that require action to approve/disapprove/table or remand will be sent back to the Senate according to the monthly meeting schedule.

TITLE: Proposal to Add a Life Science Teaching Minor and a Life Science
 SUBCOMMITTEE: ~~Curriculum~~ Teacher Ed PROPOSAL #: 00-39 non-Teaching Minor

PROPOSAL:

This is a proposal for the addition of a Life Science Minor and a teaching minor in Life Science to be added to the curriculum.

Action Signatures:

Doreen Monich 4/2/2001
 Submitter Date

Will Roen April 2001
 College Chair/Dean Date

Shelene Jallus TEC
 Committee Chair

Approve Disapprove _____ Date 4-9-01

(C.C.) T. Welch
 Committee Chair

Approve Disapprove _____ Date 04/17/01
 4-17-01

Terence E. Morgan Acad Senate
Robert C. Westcott Faculty Senate President

Approve Disapprove _____ Date 4-24-01

Rogn Barber
 Provost/Senior Vice Chancellor for Academic Affairs

Approve _____ Disapprove Date 5/11/01

Revised: 11/15/99

[Signature]
 Chancellor

approve _____ disapprove _____

5/14/01
 Date

Program Revision Form

NEW X DROPPED _____ MAJOR REVISION _____ INFORMATION ONLY _____

Department Arts + Science Program Area Biology Date 3-26-01

Please provide in the space below a "before and after" picture of the program with the changes in the program noted. Attached appropriate Course Revision Forms.

Minor in Life Sciences (Non-teaching) Required Courses

<u>Current</u>	<u>Proposed</u>		
No current program		BIOL 140 Cell Biology	4 cr
		BIOL 141 Cell Biology Laboratory	1 cr
		BIOL 217 Microbiology	4 cr
		BIOL 221 Botany I	3 cr
		BIOL 222 Botany I Laboratory	2 cr
		BIOL 322 Botany II	4 cr
		Or	
		BIOL 314 General Ecology	4 cr
		BIOL 348 Zoology	3 cr
		BIOL 350 Zoology Laboratory	2 cr
		CHEM 112 Physiological Chemistry	3 cr
		Or	
		NSCI 201 Essence of Science	<u>3 cr</u>
		Total credits	26

Teaching Minor in Life Science Required Courses

<u>Current</u>	<u>Proposed</u>		
None		BIOL 140 Cell Biology	4 cr
		BIOL 141 Cell Biology Laboratory	1 cr
		BIOL 217 Microbiology	4 cr
		BIOL 221 Botany I	3 cr
		BIOL 222 Botany I Laboratory	2 cr
		BIOL 314 General Ecology	4 cr
		BIOL 348 Zoology	3 cr
		BIOL 350 Zoology Laboratory	2 cr
		BIOL 425 Methods of Teaching	
		Secondary Science	2 cr
		CHEM 112 Physiological Chemistry	<u>3 cr</u>
		Total	28 cr

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

None

TO: Will Rawn
Duane Klarich

FROM: Roger Barber

RE: The Proposed Minors in Life Science

DATE: May 11, 2001

I have disapproved the proposed teaching and non-teaching minors in life sciences. This memo is intended to inform you of that decision, and to explain my reasons for doing so.

I disapproved the two new minors for the following reasons:

--almost all of the program offerings in science were examined last year as part of the period program review conducted by the Board of Regents. That review occurred because the programs did not attract and graduate an acceptable number of students, at least as that number is determined by Regent policy. Two of the programs, biology and a teaching degree in general science, were eventually maintained at MSU-Northern, but only after extensive revisions were approved by the Commissioner's Office and the Board of Regents. In other words, the science programs at MSU-Northern are fragile, and must become more productive and viable in order to survive future Regent review.

--the new minor programs would have to be approved by the Board of Regents, under an extensive Level 2 process, since they are not attached to existing degree programs. (IE, MSU-Northern does not offer a major in life sciences.) Both the Commissioner's office and the Board of Regents will be understandably suspicious of new program offerings in science when the existing programs are weak and struggling to hang on. Almost certainly, the minors would not receive the necessary Board approval.

--at this point in the life of the institution, when resources are scarce, the science faculty, in my opinion, should spend its time trying to strengthen and stabilize the programs it currently has rather than offering a smorgasbord of degrees for every taste and interest.

I would be happy to explain my decision further, if you have any questions.