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: A proposal to revise the B.S. in Education – General Science Degree Program								
SUBCOMMITTEE: DOCUME SUBCOMMITTEE: DO-23								
PROPOSAL:								
This is a proposal for a program revision as mandated by recent Board of Regents action. A key principal of this revision is adoption of a common core of courses for both a non-teaching Biology degree and the General Science Education degree. That core consists of the following courses: BIOL 140 Cell Biology BIOL 141 Cell Biology Lab BIOL 221 Botany I BIOL 222 Botany I Laboratory BIOL 348 Zoology BIOL 350 Zoology Laboratory CHEM 121 General Inorganic Chemistry I CHEM 122 General Inorganic Chemistry II CHEM 123 General Inorganic Chemistry I Laboratory CHEM 124 General Inorganic Chemistry II Laboratory PHYS 231 Fundamentals of Physics I PHYS 232 Fundamentals of Physics II PHYS 234 Fundamentals of Physics II Laboratory								
Action-Signatures: Date College Chair/Dean Date D								
Submitter Date College Chair/Dean Date Submitter Date College Chair/Dean Date								
Thomas m. Wells Approve Disapprove Date 03/06/01 Committee Chair								
Faculty Senate President June E. Muran Approve Disapprove Date 3-27-01								
Provost Senior Vice Chancellor for Academic Affairs Approve Disapprove Date Date								
chancella approve Disapprove								

Date

Program Revision Form

	DROPPED MA				
Department Arbs + Sc	curces Program A	rea_B.S.	in Education	n_General Scie Date_	nce 11-29-00

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.

Current		Proposed			
Fundamental Skill Requirements (15-16 credits)		Fundamental Skill Requirements (15 credits) Same as Current Program)		
General Education Requirements (15 credits)		General Education Requirements (15 credits Same as Current Program)		
Required Courses		Common Science Core - Required (35 credi	ts)		
BIOL 140 Cell Biology	4	BIOL 140 Cell Biology	4		
BIOL 141 Cell Biology Lab	1	BIOL 141 Cell Biology Lab	1		
BIOL 221 Botany I	3	BIOL 221 Botany I	3		4
BIOL 222 Botany I Lab	2	BIOL 222 Botany I Lab	2		نا کر
BIOL 314 General Ecology	4	BIOL 348 Zoology	3		. 4
BIOL 348 Zoology	3	BIOL 350 Zoology Lab	2	-	<u>.</u>
BIOL 350 Zoology Lab	2	CHEM 121 General Inorganic Chemistry I	3		1000
CHEM 121 General Inorganic Chemistry I	3	CHEM 122 General Inorganic Chemistry II	3		1,3
CHEM 122 General Inorganic Chemistry II	3	CHEM 123 General Inorganic Chem I Lab	2		•
CHEM 123 General Inorganic Chem I Lab	2	CHEM 124 General Inorganic Chem II Lab	2		
CHEM 124 General Inorganic Chem II Lab	2	PHYS 231 Fundamentals of Physics I	3		
ESCI 204 Physical Geology	4	PHYS 232 Fundamentals of Physics II	3		
ESCI 302 Meterology	4	PHYS 234 Fundamentals of Physics I Lab	2		
ESCI 307 Astronomy	4	PHYS 235 Fundamentals of Physics II Lab	2		
HPE 235 Princ. Of Health Ed & Subs Ab.	3				
MATH 125 Trigonometry	2	Required Program Courses (20 credits)			
PHYS 231 Fundamentals of Physics I	4	BIOL 314 General Ecology	4	منت الرا	
PHYS 232 Fundamentals of Physics II	4	BIOL 425 Methods of Teach. Sec. Science	2		,
PHYS 233 Fundamentals of Physics III	4	ESCI 115 Foundations of Earth Science	4	$x_{i,j}$	•
		ESCI 204 Physical Geology	4		
Education Core		ESCI 315 General Hydrology	3	اير	الريما
EDPY 112 Intro to Brain Comp Learning	3	HPE 235 Prin. Of Health Ed. And Sub Ab.	3	ے ق	4
EDPY 215 Designing a Learn Environ	3				/
EDUC 380 Classroom Environ & Manag.	2	Education Core (32 credits)			
EDUC 405 Current Issues in Education	3	EDPY 112 Intro to Brain Comp Learning	3		
EDUC 445 Tchg Reading, Writing & Cr. Th	13	EDPY 215 Designing a Learn Environ	3	_	
EDUC 450 Secondary Teaching Practicum	12	EDUC 380 Classroom Environ & Manag.	2	3	
EDUC 455 General Teaching Methods	3	EDUC 405 Current Issues in Education	3		
BIOL 425 Methods of Teaching Sec. Scien		EDUC 445 Tchg Reading, Writing & Cr. Th			
CNSL 424 Princ. Of Counseling & Dev.	3	EDUC 450 Secondary Teaching Practicum	12		
Or		EDUC 455 General Teaching Methods	3	,	
Education selective	3	Education Selective EDUC 376	3/	2	
Program Selectives (6 credits)		Program Selectives (Ocredits)			
BIOL 322 Botany II	4	BIOL 322 Botany II	4		
BIOL 324 Entomology	3	BIOL 324 Entomology	3	ب	
BIOL 334 Ornithology	3	BIOL 334 Ornithology	3		
BIOL 455 Phycology	3	BIOL 363 Lentic Ecology	3	-)
BIOL 468 Molecular Biology and Genetics	4	BIOL 364 Stream Ecology	3	<i>C.</i> 2	
CHEM 311 Quantitative Analysis	4	BIOL 455 Phycology	3	115	
CHEM 330 Biochemistry	3	BIOL 468 Molecular Biology & Genetics	4	100	-1
ESCI 315 General Hydrology	3	ESCI 310 Intro to Paleontology	3	nU	الرابي
POOL 212 Content 113 at 610 (2)	_	TO DI DI I IIII O TO I MINOTITO IO I	_		

Electives (4 credits)

Total Minimum Credits Required for Degree = 128 Total Minimum Credits Required for Degree = 128

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

There is no new instructional resources needed for the proposed program. All of the classes in the program are already being taught or have been taught.

Revised: 02/09/00