

# MICHIGAN STATE UNIVERSITY

August 19, 2011

## MEMORANDUM

TO: Dr. Douglas Estry, Associate Provost for Undergraduate Education  
and Dean of Undergraduate Studies

FROM: Dr. Linda O. Stanford, Associate Provost for Academic Services

RE: Request to Phase Out and Discontinue the Disciplinary Teaching Minor  
in Environmental Science

For Transmittal to the University Committee on Undergraduate Studies

The request referenced above is being sent to the University Committee on Undergraduate Studies in accordance with the *Bylaws for Academic Governance*, 4.4.

### Response Requested:

Please ask the University Committee on Undergraduate Studies to consider the request referenced above and provide consultative commentary. Please mail the related materials referenced under the heading Attachments at the end of this memorandum to members.

After receiving the committee's consultative response, the Provost will make a determination to discontinue or not to discontinue this program. If the Provost determines that the program will be discontinued, the request will be forwarded to the University Committee on Curriculum for deletion of curriculum and degree requirements.

If you have any questions, please call Joy Speas, University Curriculum Administrator at 5-8420.

Thank you.

### Attachments:

1. Request for Discontinuation of an Academic Program form dated February 17, 2011: Disciplinary Teaching Minor in Environmental Science, Elementary and Secondary and attachments.
2. Student Enrollments by Program; Student Awards by Programs (for the request referenced above).

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## University Curriculum and Catalog

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## COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

1. Request to delete the curriculum and degree requirements for the **Disciplinary Teaching Minor in Environmental Science** in the College of Agriculture and Natural Resources. The University Committee on Undergraduate Studies will provide consultative commentary to the Provost after considering this request. The Provost will make a determination after considering the consultative commentary from the University Committee on Undergraduate Studies.

No new students are to be admitted to the program effective Fall 2011. No students are to be readmitted to the program effective Fall 2011. Effective Fall 2013, coding for the program will be discontinued and the program will no longer be available in the College of Agriculture and Natural Resources. Students who have not met the requirements for the Disciplinary Teaching Minor in Environmental Science through the College of Agriculture and Natural Resources prior to Fall 2013 will have to change their minor.

<b>View a Program</b>		<b>Main Menu</b>
Joy Speas, RO	Thursday, 2/17/2011	
<b>Program Name: Environmental Science Teaching Minor</b> <b>Degree: MNEL Sequence Number: 3</b>	Program Request ID: 1974	
<b>Effective Dates: Fall 2013 Status: Interim Initial Action: Deleted</b>		
<b>Requested Date: 2/14/2011 3:29:30 PM</b>		
<p><b>1. Department/School/College:</b> 02030 .... College of Agriculture and Natural Resources</p> <p><b>2. Name of Program:</b> Environmental Science Teaching Minor</p> <p><b>3. Name of Degree:</b> MNEL</p> <p><b>4. Type of Program:</b></p> <p><b>5. Effective Start Semester:</b> Fall 2013</p> <p><b>Effective End date:</b> Fall 2013</p> <p><b>Will the proposed change(s) have a negative impact on students? If so, which ones?:</b> no</p> <p><b>Describe impact and explain what accommodations will be made:</b> students may select from active MSU Teaching Minors.</p> <p><b>Reason(s) for change(s):</b> The Michigan Department of Education has eliminated the endorsement for the Environmental Science. The College of Education contacted students pursuing this teaching minor in 2008 and informed them that the corresponding endorsement was being phased out by the Michigan Department of Education. The College of Education has not admitted students to the teacher preparation program with this teaching minor for the past three admissions cycles. An admission moratorium has, in effect, been in place for three years.</p>		
<b>DEPARTMENT LEVEL APPROVAL STATUS</b>		
Approved: College of Agriculture and Natural Resources 2/17/2011 10:27:50 AM by Richard Brandenburg for Richard Brandenburg, Associate Dean		
<b>COLLEGE LEVEL APPROVAL STATUS</b>		
Approved: College of Agriculture and Natural Resources 2/17/2011 10:32:13 AM by Richard Brandenburg for Richard Brandenburg, Associate Dean		

<b>View a Program</b>		<b>Main Menu</b>
Joy Speas, RO	Thursday, 2/17/2011	
<b>Program Name: Environmental Science Teaching Minor</b> <b>Degree: MNSE Sequence Number: 3</b>	Program Request ID: 1975	
<b>Effective Dates: Fall 2013 Status: Interim Initial Action: Deleted</b>		
<b>Requested Date: 2/14/2011 3:30:49 PM</b>		
<p><b>1. Department/School/College:</b> 02030 .... College of Agriculture and Natural Resources</p> <p><b>2. Name of Program:</b> Environmental Science Teaching Minor</p> <p><b>3. Name of Degree:</b> MNSE</p> <p><b>4. Type of Program:</b></p> <p><b>5. Effective Start Semester:</b> Fall 2013</p> <p><b>Effective End date:</b> Fall 2013</p> <p><b>Will the proposed change(s) have a negative impact on students? If so, which ones?:</b> no</p> <p><b>Describe impact and explain what accommodations will be made:</b> Students may select from active MSU Teaching Minors.</p> <p><b>Reason(s) for change(s):</b> The Michigan Department of Education has eliminated the endorsement for the Environmental Science. The College of Education contacted students pursuing this teaching minor in 2008 and informed them that the corresponding endorsement was being phased out by the Michigan Department of Education. The College of Education has not admitted students to the teacher preparation program with this teaching minor for the past three admissions cycles. An admission moratorium has, in effect, been in place for three years.</p>		
<b>DEPARTMENT LEVEL APPROVAL STATUS</b>		
Approved: College of Agriculture and Natural Resources 2/17/2011 10:28:00 AM by Richard Brandenburg for Richard Brandenburg, Associate Dean		
<b>COLLEGE LEVEL APPROVAL STATUS</b>		
Approved: College of Agriculture and Natural Resources 2/17/2011 10:32:23 AM by Richard Brandenburg for Richard Brandenburg, Associate Dean		

## Student Enrollments By Program

Lvl Program - Description	Span	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	Total
<b>Agriculture and Natural Resources - Continued</b>												
<i>Agriculture &amp; Natural Resource Dean - Continued</i>												
<b>MNEL - Teaching Mnr Elem Endorsement</b>												
TE 0117-Environmental Science	FQ68-	127	107	97	55	36	22	21	26	18	10	519
<b>MNSE - Teaching Minor Sec Endorsement</b>												
TE 0118-Environmental Science	FQ68-	19	17	8	7	3	2	3	4	3	1	67
<b>NOGR - No Degree - Graduate</b>												
GR 0543-JD/MS Fisheries&Wildlife Track	FS98-											
GR 0544-JD/MS Forestry Tracking	FS98-											
GR 0545-JD/MS Forestry-Urban Studies T	FS98-SS03											
GR 0548-JD/MS Park, Rec & Tourism Trk	FS98-FS03											
GR 0550-JD/MS Park, Rec & Tour-Urb Trk	FS98-FS03											
GR 0547-JD/MS RD-Urban Studies Track	FS98-FS03											
GR 0546-JD/MS Resource Development Trk	FS98-FS03											
GR 0549-JD/PHD Park, Rec & Tourism Trk	FS98-FS03											
GR 5200-JD/PHD Park, Rec & Tour-Urb Trk	FS98-FS03											
<b>NOHN - No Degree - Undergrad-H</b>												
UN 0101-Agr & Nat Res - No Preference	FQ68-	24	19	18	15	15	10	11	16	12	13	153
<b>NOPD - No Degree - Post Doctoral</b>												
PD 5282-Ag & Natural Res-Post Doctoral	F92-	1	1	1	0	0	0	1	1	0	0	5
<b>SPCG - Specialization Graduate</b>												
GR 5202-Environmental & Resource Econ	FS03-	0	0	0	1	1	0	4	2	0	1	9
GR 5203-Environmental & Resource Econ	FS03-	0	0	0	0	0	1	2	0	0	1	4
GR 0469-Environmental Toxicology	FS92-	2	5	0	2	0	0	0	1	1	1	12
GR 0519-Gender, Justice, & Envir Change	FS00-	0	0	1	5	4	9	10	9	8	6	52
GR 0520-Gender, Justice, & Envir Change	FS00-	0	0	0	2	3	11	13	11	14	11	65
GR 0120-Resource Economics	SQ84-US03	1	2	3	1	0	0	0	0	0	0	7
GR 0121-Resource Economics	SQ84-US03	1	0	0	0	0	0	0	0	0	0	1
<b>SPCU - Specialization Undergraduate</b>												
UN 0470-Ag & Natural Res Biotechnology	FS95-	0	4	1	1	0	0	1	2	1	1	11
UN 0514-Connected Learning	SS99-	16	16	16	25	27	39	35	72	94	74	414

Fiscal Year (FY) counts are distinct student counts within the Summer, Fall, and Spring terms.  
 e.g. FY07=distinct student count within Summer 06, Fall 06, and Spring 07.  
 If a student changed majors within the FY, he/she is counted under both majors.

# Student Awards By Program

Lvl Program - Description	Span	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	Total
<b>Agriculture and Natural Resources - Continued</b>												
<i>Agriculture &amp; Natural Resource Dean - Continued</i>												
<b>MJSE - Teaching Major Sec Endorsement</b>												
TE 0115-Environmental Science	FQ68-											
<b>MNEL - Teaching Mnr Elem Endorsement</b>												
TE 0117-Environmental Science	FQ68-											
<b>MNSE - Teaching Minor Sec Endorsement</b>												
TE 0118-Environmental Science	FQ68-											
<b>NOGR - No Degree - Graduate</b>												
GR 0543-JD/MS Fisheries&Wildlife Track	FS98-											
GR 0544-JD/MS Forestry Tracking	FS98-											
GR 0545-JD/MS Forestry-Urban Studies T	FS98-SS03											
GR 0548-JD/MS Park, Rec & Tourism Trk	FS98-FS03											
GR 0550-JD/MS Park, Rec & Tour-Urb Trk	FS98-FS03											
GR 0547-JD/MS RD-Urban Studies Track	FS98-FS03											
GR 0546-JD/MS Resource Development Trk	FS98-FS03											
GR 0549-JD/PHD Park, Rec & Tourism Trk	FS98-FS03											
GR 5200-JD/PHD Park, Rec & Tour-Urb Trk	FS98-FS03											
<b>NOHN - No Degree - Undergrad-H</b>												
UN 0101-Agr & Nat Res - No Preference	FQ68-											
<b>NOPD - No Degree - Post Doctoral</b>												
PD 5282-Ag & Natural Res-Post Doctoral	FS92-											
<b>SPCG - Specialization Graduate</b>												
GR 5202-Environmental & Resource Econ	FS03-	0	0	0	2	2	0	3	2	0	1	10
GR 5203-Environmental & Resource Econ	FS03-	0	0	0	1	0	1	1	1	0	0	4
GR 0469-Environmental Toxicology	FS92-	1	4	0	3	0	0	0	0	0	1	9
GR 0519-Gender,Justice, & Envir Change	FS00-	0	0	0	1	3	1	2	4	4	0	15
GR 0520-Gender,Justice, & Envir Change	FS00-	0	0	0	0	0	1	3	2	2	3	11
GR 0120-Resource Economics	SQ84-US03	1	1	2	1	0	0	0	0	0	0	5
GR 0121-Resource Economics	SQ84-US03	1	0	0	0	0	0	0	0	0	0	1
<b>SPCU - Specialization Undergraduate</b>												
UN 0470-Ag & Natural Res Biotechnology	FS95-	0	3	0	1	0	0	0	1	0	0	5

## TEACHER CERTIFICATION OPTIONS

The agriscience disciplinary major leading to the Bachelor of Science degree in the College of Agriculture and Natural Resources is available for teacher certification.

~~Agriscience and environmental science~~ disciplinary minors in the College of Agriculture and Natural Resources ~~are~~ also available for teacher certification. *u*

In addition, vocational endorsement in agricultural education is available to persons who meet specified requirements.

Students who elect the agriscience disciplinary major, or the agriscience disciplinary minor, must contact the Department of Community, Agriculture, Recreation and Resource Studies.

~~Students who elect the environmental science disciplinary minor must contact the Department of Fisheries and Wildlife.~~

For additional information, refer to the statement on the agriscience disciplinary major and to the statement on *TEACHER CERTIFICATION* in the *Department of Teacher Education* section of this catalog.

~~ENVIRONMENTAL SCIENCE~~

~~(Available only to students with a major or minor in Biological Science or a minor in Agriscience.)~~

FW	203	Resource Ecology	3
FW	284	Natural History and Conservation in Michigan	3
FW	484	Environmental Education	3
FW	485	Environmental Science Senior Seminar	1
GEO	203	Introduction to Meteorology	3
GEO	206	Physical Geography	3
GEO	206L	Physical Geography Laboratory	1
GLG	201	The Dynamic Earth	4
RD	301	Federal and State Environmental Policy	3
			<hr/> 24
Recommended elective for Michigan teachers:			
FW	207	Great Lakes: Biology and Management	3

*Please note: the minor was previously removed from the elementary and secondary listings.*