

# MICHIGAN STATE UNIVERSITY

November 18, 2016

## MEMORANDUM

TO: Dr. R. Sekhar Chivukula, Associate Provost for Undergraduate Education and Dean of Undergraduate Studies

FROM: Dr. John Gaboury, Associate Provost for Academic Services and Enrollment Management

RE: Request for a Moratorium on Admission to the Bachelor of Science Degree in Earth Science-Interdepartmental

For Transmittal to the University Committee on Undergraduate Education (UCUE)

The request referenced above is being sent to you for action by the University Committee on Undergraduate Education (UCUE).

### UCUE Response Requested:

Please ask the UCUE 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 UCUE members.

The request is to for a moratorium effective Spring 2017 through Fall 2020.

The UCUE alone will consider this request and its consultative commentary will be sent to the Provost for determination.

If you have any questions about this memorandum or the attached materials, please contact Joy Speas, University Curriculum Administrator, at 5-8420.

Thank you.

### Attachments:

1. Request for a Moratorium form dated November 9, 2016; Bachelor of Science Degree in Earth Science-Interdepartmental and attachments.
2. Student Enrollments by Program; Student Awards by Programs (for the request referenced above).

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## University Curriculum and Catalog

Hannah Admin. Building  
426 Auditorium Road  
Room 151A  
East Lansing, MI 48824

517-355-8420  
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## Michigan State University Office of the Registrar

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Program Name: Earth Science

Program Request ID: 3384

Degree: BS      Sequence Number: 4

Effective Dates: Spring 2017 - Fall 2020

Status: Interim

Initial Action: Moratorium

Requested Date: 11/9/2016 10:35:01 AM

**1. Department/School/College:**

32368 .... Department of Geological Sciences

**2. Name of Program:**Earth Science - *Interdepartmental***3. Name of Degree:**

BS

**4. Type of Program:**

Major

**5. Effective Start Semester:**

Spring 2017

**Reason for Moratorium Request:**

The degree was originally established in 1969 primarily for secondary education students seeking certification in Earth Science. In 2003, a concentration was added for students interested in atmospheric sciences in cooperation with the Department of Geography. The number of students now seeking Earth Science secondary education certification is about 0.5/year and the Department of Geography, which teaches most of the upper-division courses in meteorology and atmospheric science, seeks to establish the concentration under their department. The number of other students seeking an Earth Science major is low (1-2 per year). Thus, it is our intent to terminate the degree once current students have graduated (3-4 years in the future). Prospective students seeking teacher education certification will still be able to use the Integrated Science minor, or the Earth Science minor (which will be retained), and students seeking a major in atmospheric sciences would be able to use the proposed new concentration in the Environmental Geography degree. Students with a general interest in Earth Science would be able to major in Geological Sciences, Environmental Geosciences, Environmental Geography, or Astronomy.

**Effective End Term:**

Fall 2020

**Students who will be affected by the proposed change(s):**

Students who have not declared a major, prospective students intending to seek teacher education secondary certification in Earth Science, prospective students intending to go into atmospheric sciences.

**Suggested alternative major and major code for new admits:****DEPARTMENT LEVEL APPROVAL STATUS**

Approved: Department of Geological Sciences  
11/9/2016 10:36:00 AM by Shelby Gombosi for David W. Hyndman, Chairperson

Comments: Approved on behalf of Kaz Fujita

**COLLEGE LEVEL APPROVAL STATUS**

Approved: College of Natural Science  
11/9/2016 10:36:18 AM by Shelby Gombosi for Gerard Mark Voit, Associate Dean

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## Enrollments and Awards By Program Natural Science

Program - Description	Span		FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	Total	10 yr Diff.	
<i>Geological Sciences</i>															
<b>ADDU - Additional Major Undergraduate</b>															
3612 - Earth Science	FQ69-	Enrollments	1	1	2	1	0	1	1	1	0	0	8	-1	
		Awards	0	0	2	0	0	0	0	0	0	0	0	2	0
		%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	25%	0%
3931 - Environmental Geosciences	FS94-	Enrollments	0	0	0	0	0	0	1	1	1	1	4	1	
3905 - Geological Sciences	FS92-	Enrollments	0	0	0	0	2	3	0	3	4	1	13	1	
		Awards	0	0	0	0	0	1	0	0	1	0	0	2	0
		%	0%	0%	0%	0%	0%	33%	0%	0%	0%	25%	0%	15%	0%
<b>BS - Bachelor of Science</b>															
→ 3611 - Earth Science	FQ69-	Enrollments	52	43	39	36	32	31	24	19	20	22	318	-30	
		Awards	14	8	13	5	6	6	6	6	4	1	69	-13	
		%	27%	19%	33%	14%	19%	19%	25%	32%	20%	5%	22%	-22%	
3613 - Earth Science - Second Degree	FQ69-	Enrollments	5	3	2	6	6	2	3	2	3	3	35	-2	
		Awards	0	1	0	1	1	1	0	0	1	0	5	0	
		%	0%	33%	0%	17%	17%	50%	0%	0%	33%	0%	14%	0%	
3930 - Environmental Geosciences	FS94-	Enrollments	22	30	42	38	59	62	59	64	61	67	504	45	
		Awards	2	6	10	4	11	9	3	11	14	13	83	11	
		%	9%	20%	24%	11%	19%	15%	5%	17%	23%	19%	16%	10%	
3932 - Environmental Geosciences - Second Degree	FS94-	Enrollments	2	2	4	1	1	0	1	2	2	1	16	-1	
		Awards	0	0	1	0	0	0	1	0	0	0	0	2	0
		%	0%	0%	25%	0%	0%	0%	100%	0%	0%	0%	0%	13%	0%
3904 - Geological Sciences	FS92-	Enrollments	41	36	44	39	36	39	42	49	55	62	443	21	
		Awards	6	7	6	5	9	9	8	7	4	8	69	2	
		%	15%	19%	14%	13%	25%	23%	19%	14%	7%	13%	16%	-2%	

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.

6/14/2016

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