

MICHIGAN STATE UNIVERSITY

February 28, 2019

MEMORANDUM

TO: Dr. Mark Largent, Acting Associate Provost for Undergraduate
Education and Dean of Undergraduate Studies

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

RE: Request for a Moratorium on Admission to the Premedical Program
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 for a moratorium effective Spring 2020 through Spring 2023.

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 February 20, 2019; Premedical
Program and attachments.

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University Curriculum and Catalog

Hannah Admin. Building
426 Auditorium Road
Room 439
East Lansing, MI 48824

517-355-8420
Fax: 517-355-9601



Michigan State University Office of the Registrar

Program Name: Premedical Degree: NOHN Sequence Number: 3		Program Request ID: 3882
Effective Dates: Spring 2020 - Spring 2023 Moratorium	Status: Interim	Initial Action:
Requested Date: 2/7/2019 9:14:10 AM		
<p>1. Department/School/College: 32604 College of Natural Science</p> <p>2. Name of Program: Premedical</p> <p>3. Name of Degree: NOHN</p> <p>4. Type of Program:</p> <p>5. Effective Start Semester: Spring 2020</p> <p>Reason for Moratorium Request:</p> <p>These major codes are premajors and require that students declare a degree granting major prior to achieving junior standing. This can be confusing to students and it also does not allow them to build connections effectively with the academic community. This has led to these majors having the lowest graduate rate of any students entering the College of Natural Science. By placing a moratorium on these majors, we can more effectively connect students to the academic community through the early declaration of a major. For those students who are underprepared to declare their major upon arrival, we will encourage them to declare Natural Science - Exploratory. This will allow the College to work with them to explore in a more strategic manner. We are requesting a three year moratorium, as students may only be in these premajors from 0-55 credits. They should progress beyond this typically in two years. The third year would allow for any students on alternate paths.</p> <p>Effective End Term: Spring 2023</p>		

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

Freshmen and Sophomores in the Premedical major

Suggested alternative major and major code for new admits:

Any of the current degree granting majors in the College of Natural Science or the remaining premajor, Natural Science - Exploratory (3915)

DEPARTMENT LEVEL APPROVAL STATUS

Approved: College of Natural Science
2/20/2019 11:16:53 AM by Shelby Gombosi for Richard Schwartz, Associate Dean

COLLEGE LEVEL APPROVAL STATUS

Approved: College of Natural Science
2/20/2019 11:17:12 AM by Shelby Gombosi for Gerard Mark Voit, Associate Dean

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Enrollments and Awards By Program Natural Science

Program - Description	Span		FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Total	10 yr Diff.	
NOGR - No Degree - Graduate															
3976 - BS/MS Dual Degree Tracking	SS97-	Enrollments	8	6	7	11	10	7	5	4	4	3	65	-5	
NOHN - No Degree - Undergrad-H															
3915 - Natural Science-No Preference	SS93-	Enrollments	57	38	52	55	74	63	31	57	39	33	499	-24	
3807 - Predental	FQ68-	Enrollments	124	111	128	116	80	74	73	52	62	59	879	-65	
→ 3809 - Premedical	FQ68-	Enrollments	789	680	703	633	575	508	421	360	354	387	5,410	-402	
3806 - Preoptometry	FQ68-	Enrollments	16	13	14	11	18	12	9	5	10	8	116	-8	
NOPD - No Degree - Post Doctoral															
3914 - Natural Science-Post Doctoral	FS92-	Enrollments	7	7	6	3	3	3	4	5	7	5	50	-2	
NOUN - No Degree - Undergraduate															
3963 - Drew Science Enrich Lab Track	FQ68-	Enrollments	276	257	243	264	268	265	258	273	267	297	2,668	21	
3910 - Premedical Tracking	FS92-	Enrollments	2,456	2,829	2,722	2,810	2,830	2,292	2,478	2,827	2,959	2,703	26,906	247	
4960 - Residential Environ Tracking	FS94-	Enrollments	127	129	97	114	140	213	273	312	330	332	2,067	205	
SNTR SpartaNature Tracking	FS09-	Enrollments	0	93	186	310	373	385	359	252	170	105	2,233	105	
PHD - Doctor of Philosophy															
3964 - Cell and Molecular Biology	FS97-	Enrollments	37	41	42	41	49	51	53	49	42	36	441	-1	
		Awards	5	5	2	6	4	4	7	6	6	5	50	0	
		%	14%	12%	5%	15%	8%	8%	13%	12%	14%	14%	11%	0%	
7071 - Cell&Molecular Biol-Envir Tox	FS07-	Enrollments	2	2	2	1	0	1	1	1	1	3	14	1	
		Awards	0	0	1	1	0	0	0	0	0	0	1	3	1
		%	0%	0%	50%	100%	0%	0%	0%	0%	0%	0%	33%	21%	33%
3986 - Ecology,Evol Biology&Behavior	US98-	Enrollments												0	

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.

PREMEDICAL PROGRAM

(including Pre-Osteopathy, Pre-Podiatry, Pre-Pharmacy, and Pre-Physician's Assistant):

Students who meet the requirements for admission to the university as freshmen and sophomores, as shown in the Undergraduate Education section of the catalog, may select the premedical program in the College of Natural Science as their major preference. Students who are enrolled in the premedical program are enrolled in the Neighborhood Student Success Collaborative, but receive academic advising through the college.

University regulations require that a student who has arrived at junior standing must select a major leading to a baccalaureate degree. The College of Natural Science does not offer a bachelor's degree program for premedical students. Therefore, upon reaching junior standing, students who have been enrolled in the premedical program must be admitted to a major in either the College of Natural Science or in another college in order to complete the requirements for a bachelor's degree, regardless of whether they have completed the requirements for the premedical program.

**Requirements for the Premedical Program
 (including Pre-Osteopathy, Pre-Podiatry, Pre-Pharmacy, and Pre-Physician's Assistant)**

- | | CREDITS |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1. A total of 90 credits in courses in the natural sciences, mathematics, social sciences, humanities, and writing, including courses that are used to satisfy the University requirements and the courses that are listed below: | 90 |
| a. All of the following courses (31 credits): | |
| BS 161 Cell and Molecular Biology | 3 |
| BS 162 Organismal and Population Biology | 3 |
| BS 171 Cell and Molecular Biology Laboratory | 2 |
| BS 172 Organismal and Population Biology Laboratory .. | 2 |
| CEM 141 General Chemistry | 4 |
| CEM 161 Chemistry Laboratory I | 1 |
| CEM 251 Organic Chemistry I | 3 |
| CEM 252 Organic Chemistry II | 3 |
| CEM 255 Organic Chemistry Laboratory | 2 |
| PHY 231 Introductory Physics I | 3 |
| PHY 232 Introductory Physics II | 3 |
| PHY 251 Introductory Physics Laboratory I | 1 |
| PHY 252 Introductory Physics Laboratory II | 1 |
| b. 3 additional credits in general chemistry selected from the following courses: Chemistry 142, 152, and 162. | |
| c. One 300-400 level course in biology with laboratory (3 credits) and another course in biology (3 credits). | |
| d. One additional course in biology, chemistry, or physics (3 credits).
NOTE: Higher level equivalent biological science, chemistry, and physics course sequences may be substituted for the sequences listed above. Courses in biochemistry and genetics are highly recommended. | |
| e. A minimum of 3 credits in statistics. | |
| 2. Students who are enrolled in the premedical program should complete the University requirements for bachelor's degrees as described in the <i>Undergraduate Education</i> section of this catalog.
Students who are enrolled in the Premedical Program (including Pre-Osteopathy, Pre-Podiatry, Pre-Pharmacy, and Pre-Physician's Assistant) in the College of Natural Science may complete an alternative track to Integrative Studies in Biological and Physical Sciences that consists of the following courses: Biological Science 161, 171, 162, and 172 and Chemistry 141. The completion of Biological Science 171 satisfies the laboratory requirement. Biological Science 161, 171, 162, and 172 and Chemistry 141 may be counted toward both the alternative track and the requirements for the premedical program referenced in item 1. a. above.
A Tier I writing course is included in the University requirements. Students who are enrolled in the premedical program are required to meet the Tier II writing requirement approved for the student's major leading to the bachelor's degree. | |