

PROGRAM DELETION
College of Engineering and Mines- Master of Civil Engineering (MCE)

I. Program Deletion Information

A. Name of person preparing request

Alexandra Fitts, UAF Vice Provost (affitts@alaska.edu)

B. Reasons for requesting deletion of program

Following the 2014-2015 Special Program Review, a decision was made to consolidate several degrees under the MS in Civil Engineering. While not a part of Program Review that year, the MCE was a logical program to include in this reorganization, as it has the same requirements as the MS, but is project (instead of thesis) option. That option can easily be accommodated in the MS in Civil Engineering.

C. Relation of program to other programs in the local unit and system

There will be no negative effects of program deletion. As a result of the 2104-2105 Special Program Review, CEE is reorganizing their degree programs, merging what were several independent programs into the MS in Civil Engineering. The goal is to make more efficient use of program resources. Deletion of this program will impact no other units.

D. Summarize effects on personnel directly involved with the program

There will be no negative impacts on faculty. All affiliated faculty also teach in other degree programs.

E. Summarize effects deletion of program will have on budget of department

Cost of the program is low because teaching and advising in the program is done by faculty whose workloads are largely devoted to other degree programs in the CEE Department. Thus, discontinuation of the program will result in minimal cost savings. There will be some reduction of workload in administrative oversight of the program.

F. Provide information on current student enrollment in program or courses

Very few students have pursued this program in recent years (declining from 6 in 2012 to 2 currently). There are currently two active students who would be able to complete their degrees with existing courses.

II. Background Information

A copy of the original instructional program request, if available, or equivalent information should be submitted. If no formal presentation of program approval was made, the following information should be submitted:

There is no copy of the program approval on file.

1. Identification of Program: Should include a brief description of the program and its goals

The most recent catalog description is the same as the MS in Civil Engineering, with the following curricular requirements:

1. Complete the following admission requirements:
 1. Complete a bachelor's degree in civil engineering.
 2. International students must complete the TOEFL with a score of 575 or better.
2. Complete the [general university requirements](#).
3. Complete the [master's degree requirements](#).
4. Complete a project--3 - 6 credits
5. Minimum credits required--30 credits

Only the project is different from the MS requirements.

2. Enrollment Information: Past and present enrollment statistics should be included

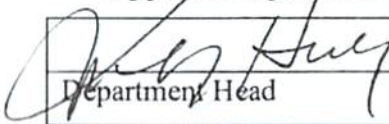

Headcount of Majors

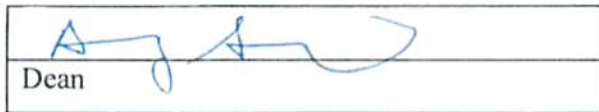
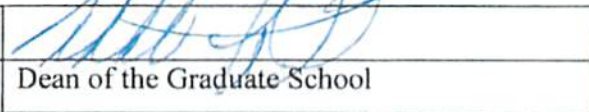
MC	FY	FY	FY	FY15	FY16
	6	3	2	0	2

3. Resource Requirements of Program: Should include personnel costs as well as support service costs and space requirements

Because there are only two active students and no requirements beyond those of the existing MS degree, there are no current costs associated with this program.

Approval Signatures:

	
Department Head	Chair, Curriculum Council

	
Dean	Dean of the Graduate School

President, UAF Faculty Senate	Dana Thomas, UAF Chancellor

Jim Johnsen, UA President	Board of Regents

IV. Provide an executive summary of about one page for inclusion in the Board of Regents committee agenda. (attached)

Previous to the 2014-2015 Special Program Review, the following programs were offered and administrated in the Civil and Environmental Engineering Department (CEE), together with two other programs, a Masters of Civil Engineering (MCE) and MS in Civil Engineering.

- MCE (Master of Civil Engineering)
- Arctic Engineering MS
- Engineering Management MS
- Science Management MS
- Environmental Engineering MS
- Environmental Quality Science MS
- Civil Engineering MS

All seven degrees were taught by the same faculty that teach the undergraduate program, and used the same or overlapping resources. The recommendations from Special Program Review were to eliminate Engineering Management and Science Management, to revise and rename Environmental Quality Science (renamed "Water & Environmental Science in Spring 2016), and to eliminate Arctic Engineering and Environmental Engineering in order to make them concentrations within the broader MS in Civil Engineering. The program also opted to eliminate the MCE degree and merge it with the others. Admissions to those programs were suspended at that time. The proposal to merge the programs into the MS in Civil Engineering was approved by the Faculty Senate and the Provost in March, 2016, and by NWCCU in September, 2016.

The UAF Faculty Senate approved the following at Special Meeting #223 on April 24, 2017:

MOTION:

Discontinuation of Specialized Engineering Master's Degrees

The UAF Faculty Senate observes:

- A Civil Engineering MS will remain in the Civil & Environmental Engineering Department if their other MS and MCE degrees listed below are discontinued. Admissions were suspended in 2014 for these degrees. Many of these separate degrees are now available as concentrations within the Civil Engineering MS.*
- A Mining Engineering MS will remain if the Mineral Preparation Engineering MS is discontinued. The Mineral Preparation Engineering MS has not had more than one enrolled student since 2012, and admissions were suspended in 2014.
- A Computer Science MS will remain if the Software Engineering MSWE is discontinued. Admissions to the MSWE were suspended in 2012. The faculty who primarily taught the program's courses have retired. The Computer Science department does not protest the discontinuation.
- The intention of this recommendation is to have minimal impact to students and faculty.

Faculty Senate recommends:

- That the Mineral Preparation Engineering MS program be discontinued, since there are no faculty members currently affiliated with the program and the last student from the program will graduate soon.

Therefore, the UAF Faculty Senate agrees to the discontinuation of the following specialized Engineering Master's Degrees:


MS - Arctic Engineering
MS - Engineering Management
MS - Science Management
MS - Environmental Engineering
MCE - Civil Engineering
MS - Mineral Preparation
MSWE - Software Engineering

Effective: Fall 2017 upon approval of the UA Board of Regents


Rationale: There are not enough students to allow us to afford the expense of these specialized degrees in this budget climate, and each department will still retain a graduate program.

(Signatures attached)

*<http://catalog.uaf.edu/graduate/graduate-degree-programs/civil-engineering/ms/#programrequirements>


_____ 2017-04-25
President, UAF Faculty Senate

The Chancellor Approves Disapproves



Chancellor

Date: 5/4/2017



Board of Regents Program Action Request
University of Alaska
 Proposal to Add, Change, or Discontinue a Program of Study

1a. UA University UAF	1b. School or College COLLEGE OF ENGINEERING AND MINES	1c. Department or Program Master of Civil Engineering
--------------------------	--	--

2. Complete Program Title Master's of Civil Engineering

3. Type of Program

Undergraduate Certificate
 Associate
 Baccalaureate
 Post-Baccalaureate Certificate
 Master's
 Graduate Certificate
 Doctorate

4. Type of Action <input type="checkbox"/> Add <input type="checkbox"/> Change <input checked="" type="checkbox"/> X Discontinue	5. Implementation date (semester, year) X <input type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer Year 2017
---	---

6. Projected Revenue and Expenditure Summary (not required if the requested action is discontinuation). Provide information for the 5th year after program change approval if a baccalaureate or doctoral degree program; for the 3rd year after program approval if a master's or associate degree program; or for the 2nd year after program approval if a graduate or undergraduate certificate. If information is provided for another year, specify (1st) and explain in the program summary attached. Note that revenues and expenditures are not always entirely new; some may be current (see 7d.)

Projected Annual Revenues in FY		Projected Annual Expenditures in FY	
Unrestricted		Salaries & benefits (faculty and staff)	\$
General Fund	\$	Other (commodities, services, etc.)	\$
Student Tuition & Fees	\$	TOTAL EXPENDITURES	\$
Indirect Cost Recovery	\$	One-time Expenditures to Initiate Program (if >\$250,000)	
TVEP or Other (specify):	\$	(These are costs in addition to the annual costs, above.)	
Restricted		Year 1	\$
Federal Receipts	\$	Year 2	\$
TVEP or Other (specify):	\$	Year 3	\$
TOTAL REVENUES	\$	Year 4	\$

Page # of attached summary where the budget is discussed, including initial phase-in:

7. Budget Status. Items a., b., and c. indicate the source(s) of the general fund revenue specified in item 6. If any grants or contracts will supply revenue needed by the program indicate amount anticipated and expiration date, if applicable.

Revenue source	Continuing	One-time
a. In current legislative budget request	\$	\$
b. Additional appropriation required	\$	\$
c. Funded through new internal UA university redistribution	\$	\$
d. Funds already committed to the program by the UA university ¹	\$	\$
e. Funded all or in part by external funds, expiration date	\$	\$
f. Other funding source (specify type):	\$	\$

8. Facilities. New or substantially (>\$25,000 cost) renovated facilities will be required. Yes No

If yes, discuss the extent, probable cost, and anticipated funding source(s), in addition to those listed in sections 6 and 7 above.

9. Projected Enrollments (headcount of majors). If this is a program discontinuation request, project the teach-out enrollments.

Year 1:	Year 2:	Year 3:	Year 4:
---------	---------	---------	---------

Page number of attached summary where demand for this program is discussed:

¹Sometimes the courses required by a new degree or certificate program are already being taught by a UA university, e.g., as a minor requirement. Similarly, other program needs like equipment may already be owned. 100% of the value is indicated even though the course or other resource may be shared.

<p>10. Number² of new TA or faculty hires anticipated (or number of positions eliminated if a program discontinuation):</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graduate TA</td><td></td></tr> <tr><td>Adjunct</td><td></td></tr> <tr><td>Term</td><td></td></tr> <tr><td>Tenure track</td><td></td></tr> </table>	Graduate TA		Adjunct		Term		Tenure track		<p>11. Number² of TAs or faculty to be reassigned:</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graduate TA</td><td></td></tr> <tr><td>Adjunct</td><td></td></tr> <tr><td>Term</td><td></td></tr> <tr><td>Tenure track</td><td></td></tr> </table> <p>Former assignment of any reassigned faculty: For more information see page _____ of the attached summary.</p>	Graduate TA		Adjunct		Term		Tenure track	
Graduate TA																	
Adjunct																	
Term																	
Tenure track																	
Graduate TA																	
Adjunct																	
Term																	
Tenure track																	
<p>12. Other programs affected by the proposed action, including those at other campuses (please list):</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Program Affected</th> <th>Anticipated Effect</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> <p>Page number of attached summary where effects on other programs are discussed: _____</p>		Program Affected	Anticipated Effect														
Program Affected	Anticipated Effect																
<p>13. Specialized accreditation or other external program certification needed or anticipated. List all that apply or 'none':</p>	<p>14. Aligns with University or campus mission, goals, core themes, and objectives (list):</p> <p>Page in attached summary where alignment is discussed: _____</p>																
<p>15. Aligns with Shaping Alaska's Future themes:</p> <p>Page in attached summary where alignment is discussed: _____</p>																	
<p>16. State needs met by this program (list):</p> <p>Page in the attached summary where the state needs to be met are discussed: _____</p>	<p>18. Program is initially planned to be: (check all that apply)</p> <p><input type="checkbox"/> Available to students attending classes at campus(es).</p> <p><input type="checkbox"/> Available to students via e-Learning</p> <p><input type="checkbox"/> Partially available to students via e-Learning</p> <p>Page # in attached summary where e-Learning is discussed: _____</p>																
<p>17. Yes or No (circle one) if this program is an addition, would program be eligible for State's Eligible Training Provider List program? (Click here for more information)</p>																	
<p>Submitted by the (choose one).</p> <table style="width:100%;"> <tr> <td style="width:50%; text-align: center;"> <p><small>DocuSigned by:</small> <i>Anupma Prakash</i> _____ <small>7C84F2807C86AA7</small> Provost</p> </td> <td style="width:50%; text-align: center;"> <p><small>DocuSigned by:</small> <i>Daniel M. White</i> _____ <small>AE0BD8A19CAB56C...</small> Chancellor</p> </td> </tr> <tr> <td style="text-align: center;">March 22, 2019 Date</td> <td style="text-align: center;">March 22, 2019 Date</td> </tr> </table>		<p><small>DocuSigned by:</small> <i>Anupma Prakash</i> _____ <small>7C84F2807C86AA7</small> Provost</p>	<p><small>DocuSigned by:</small> <i>Daniel M. White</i> _____ <small>AE0BD8A19CAB56C...</small> Chancellor</p>	March 22, 2019 Date	March 22, 2019 Date												
<p><small>DocuSigned by:</small> <i>Anupma Prakash</i> _____ <small>7C84F2807C86AA7</small> Provost</p>	<p><small>DocuSigned by:</small> <i>Daniel M. White</i> _____ <small>AE0BD8A19CAB56C...</small> Chancellor</p>																
March 22, 2019 Date	March 22, 2019 Date																
<p><input checked="" type="checkbox"/> Consensus support of AC <input type="checkbox"/> Not supported by AC</p> <p><input checked="" type="checkbox"/> Recommend approval by VPASR <i>Saul W. Lauer</i> _____ <i>March 29, 2019</i> <input type="checkbox"/> Recommend disapproval by VPASR UA Vice President for Academics, Students & Research Date</p>																	

²Net FTE (full-time equivalents). For example, if a faculty member will be reassigned from another program, but his/her original program will hire a replacement, there is one net new faculty member. Use fractions if appropriate. Graduate TAs are normally 0.5 FTE. The numbers should be consistent with the revenue/expenditure information provided.