

: PROFESSIONAL

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New Program Proposal

Changes saved but not submitted

Viewing: : Professional

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Final Catalog

Rationale for Inactivation

Name of the school or college academic planner who you consulted with on this proposal.

Name

Sara Hagen - EGR

Proposal Abstract/Summary:

The Department of Civil and Environmental Engineering currently has six individual named option M.S. programs in the areas of Construction Engineering and Management, Environmental Science and Engineering, Geological/Geotechnical Engineering, Structural Engineering, Transportation Engineering, and Water Resources. We are proposing to restructure the six coursework-only M.S. programs into a single named option M.S., which will be called "Professional." Students in the proposed program will be able to select one of six paths that are analogous to the six individual degrees listed above. The curriculum largely follows the current named option M.S. programs, but is streamlined across the six department areas.

Type of Approval

Governance Approval Needed

If approved, what term should the proposed change be effective?

Select yes if this proposal is only to add, remove, or rearrange curricular requirements, and will change less than 50% of the curriculum.

Basic Information

Program State:

Type of Program:

Named Option

Parent Program:

MAJ: Civil & Environmental Engr MS

Upload the Approved Notice of Intent and UW System Approval Memo.

Upload completed draft of the full Board of Regents Authorization Proposal for this program.

Parent Audience:

Graduate or professional

Who is the audience?

Parent Home Department:

CIV EN EGR

Home Department:

Parent School/College:

College of Engineering

School/College:

The program will be governed by the home department/academic unit as specified. Will an additional coordinating or oversight committee be established for the program?

No

Describe procedures under which the coordinating/oversight committee will operate, including how the committee chair is appointed, to whom the chair reports, how participating faculty and staff are identified, provisions for transitions in the committee, and processes for interaction with the home department.

Parent is in the Graduate School:

Yes

Is this in the Graduate School?

Award:

Other Award Name:

SIS Code:

SIS Code (BS):

SIS Description:

SIS Description (BS):

Transcript Title:

Professional

Will this name change apply to all enrolled students in the same term (turn-key)?

Named Options:

CEM: Construction Engr & Mgmt
ESE: Environmental Science and Engr
GGE: Geological/Geotechnical Engr
STE: Structural Engineering
TE: Transportation Engineering
WRE: Water Resources Engineering
Sub Plan 1083: No Title Found
Sub Plan 1134: No Title Found

Does the parent program offer this as an additional major as well?

No

Will this be offered as an additional major as well?

Explain the program's process for reviewing joint degree proposals from students.

Describe the reason for offering the program as an additional major. Include evidence of student interest and demand, how the additional major benefits the students' learning experience, and describe how the program has capacity in course offerings and advising to support the additional major.

Provide information on which degree/majors it will likely be combined with most frequently and provide evidence that such combinations will not extend student time to degree beyond the standard four academic years.

Briefly describe the process the student follows to get permissions to declare the additional major from the primary degree/major and the additional major offering unit.

Will a doctoral minor be required?

Explain the rationale for the decision.

Describe the alternate breadth training resources that will be made available to/required of students.

Is this a non-admitting master's degree?

Suspension and Discontinuation

What is the date by which you will submit a plan to resolve the suspended status, if approved?

What is the last term that a student could declare this program?

What is the last term that students may be enrolled in or complete the program?

What is the timeline and advance communication plan?

Explain the precipitating circumstances or rationale for the proposal.

What is the potential impact on enrolled students?

What is the potential impact on faculty and staff?

Explain and provide evidence of efforts made to confer with and to notify faculty and staff.

Explain and provide evidence of efforts made to confer with and to notify current students.

Explain and provide evidence of efforts made to confer with and to notify alumni and other stakeholders.

Teach-out plan - How will program quality be maintained during the suspended period or the teach-out period for discontinued programs?

Teach-out plan: A) For currently enrolled students, how will required courses, curricular elements, advising and other student services be provided?

Teach-out plan: B) For prospective students in the admissions pipeline, how are any commitments being met or needs to notify them that their program of interest will not be available?

Teach-out plan: C) For stopped out students, what provisions are made for their re-entry? What program(s) will they be re-entered into?

Teach-out plan: D) Provide any other information relevant to teach-out planning.

Roles by Responsibility: List one person for each role in the drop down list. Use the green + to create additional boxes.

Role Type	Name (Last, First)	Email	Phone	Title
Department Chair	Likos, William	likos@wisc.edu	608/890-2662	
Faculty Director	Remucal, Christina Keenan	remucal@wisc.edu	608/262-1820	
Primary Dean's Office Contact	Hagen, Sara K	skhagen@wisc.edu	608/263-8860	
Primary Contact	Remucal, Christina Keenan	remucal@wisc.edu	608/262-1820	

List the departments that have a vested interest in this proposal.

Are all program reviews in the home academic unit up to date?

Yes

Please explain.

Are all assessment plans in the home academic unit up to date?

Yes

Please explain.

Are all assessment reports in the home academic unit up to date?

Yes

Please explain.

Mode of Delivery:

Face-to-Face (majority face-to-face courses)

Provide information on how any lab courses required for the degree will be handled.

Will this program be part of a consortial or collaborative arrangement with another college or university?

No

Upload proposal:

Will instruction take place at a location geographically separate from UW-Madison?

No

Upload proposal:

Parent has outside accreditation:

No

Will this program have outside accreditation?

Parent Guide Accreditation tab

Guide Accreditation tab

Will graduates of this program seek licensure or certification after graduation?

Graduates of parent program seek licensure or certification after graduation.

No

Parent Guide Certification/Licensure tab

Guide Certification/Licensure tab

First term of student enrollment:

Fall 2020 (1212)

When will the application for the first term of enrollment open?

Summer 2020 (1206)

Which terms will you allow new students to enroll? What are the application deadlines for each term selected?

Start Term	Application Deadline MM/DD
Fall	12-15
Spring	10-01

Year of three year check-in to GFEC (3 years after first student enrollment):

2024

Year of first program review (5 years after first student enrollment):

2026

If this proposal is approved, describe the implementation plan and timeline.

We will open admissions for the restructured named option M.S. program in summer/fall 2020 so that the first students can enroll in fall 2021. At the same time, we will discontinue the current six named option M.S. programs in Civil and Environmental Engineering (Construction Engineering and Management, Environmental Science and Engineering, Geological/Geotechnical Engineering, Structural Engineering, Transportation Engineering, and Water Resources). Admissions and advising for students in the coursework-only M.S. program will remain the same as for the current six M.S. named options.

Rationale and Justifications

How does the named option relate to the major and to other named options in the major, if relevant?

Students in the Professional M.S. program will be able to choose from one of six paths: Construction Engineering and Management, Environmental Science and Engineering, Geological/Geotechnical Engineering, Structural Engineering, Transportation Engineering, and Water Resources. These are the major sub-disciplines of Civil and Environmental Engineering. Hence, the professional M.S. program is complementary to our research-focused M.S. degree, but has a more practical focus (given the accelerated timetable and lack of a thesis).

Why is the program being proposed? What is its purpose?

The purpose of the named option is to provide a Master of Science – Civil and Environmental Engineering program which is course-based and accelerated (students should finish in one calendar year). The named option contributes significantly to the mission of the Department of Civil and Environmental Engineering by increasing the number of master-level graduate students and enhancing the reputation of the Department and UW internationally.

How is the certificate program designed to complement the degree/major of participating students?

What is its relation to the institution's mission? (Consider the mission broadly as a major research university with missions in teaching, research, service, and the Wisconsin Idea.) How does it contribute to the mission of the sponsoring unit(s)?

Do current students need or want the program? Provide evidence.

The proposed M.S. degree is simply a restructured version of our current six named option M.S. degrees (i.e., one in each track area). In the first two years of offering a one-year, coursework-only degree, we recruited 21 students across the six focus areas. We had 70 applications for the Fall 2020 semester. This enrollment is expected to grow in coming years.

What is the market, workforce, and industry need for this program? Provide evidence.

Employers in the Civil and Environmental Engineering fields increasingly require a master's degree. This coursework-only degree is designed to be a terminal degree of students who want to work in industry. It allows them to gain more experience in their desired area of focus on an accelerated, one-year timeline.

How does the program represent emerging knowledge, or new directions in professions and disciplines?

In what ways will the program prepare students through diverse elements in the curriculum for an integrated and multicultural society (may include diversity issues in the curriculum or other approaches)?

What gap in the program array is it intended to fill?

We are condensing our current six named option M.S. degrees into a single "professional" M.S. degree. Therefore, the proposal is to restructure our current options and it is not designed to fill a new gap. Restructuring the program will make the type of program (i.e., an accelerated professional program vs. a traditional research program) more clear to both applicants and future employers.

What is the rationale for this change?

What evidence do you have that these changes will have the desired impact?

What is the potential impact of the proposed change(s) on enrolled students?

What is the potential impact of the proposed change(s) on faculty and staff?

Faculty and Staff Resources

List the core program faculty and staff with title and departmental affiliation(s) who are primarily involved and will participate in the delivery and oversight.

Name (Last, First)	Department	Title
Remucal, Christina Keenan	Civil and Environmental Engr (CIV EN EGR)	Associate Professor
Ahn, Soyoun	Civil and Environmental Engr (CIV EN EGR)	Professor
Sone, Hiroki	Civil and Environmental Engr (CIV EN EGR)	Assistant Professor
Parra-Montesinos, Gustavo	Civil and Environmental Engr (CIV EN EGR)	Professor
Wu, Chin-Hsien	Civil and Environmental Engr (CIV EN EGR)	Professor
Hanna, Awad S	Civil and Environmental Engr (CIV EN EGR)	Professor

What resources are available to support faculty, staff, labs, equipment, etc. ?

Program advisor(s) with title and departmental affiliation(s).

Name (Last, First)	Department	Title
Ahn, Soyoun	Civil and Environmental Engr (CIV EN EGR)	Professor
Bahia, Hussain U	Civil and Environmental Engr (CIV EN EGR)	Professor
Block, Paul	Civil and Environmental Engr (CIV EN EGR)	Associate Professor
Blum, Hannah Beth	Civil and Environmental Engr (CIV EN EGR)	Assistant Professor
Cramer, Steven M	Civil and Environmental Engr (CIV EN EGR)	Professor
Fratta, Dante O	Civil and Environmental Engr (CIV EN EGR)	Associate Professor
Ginder-Vogel, Matthew	Civil and Environmental Engr (CIV EN EGR)	Associate Professor
Hampton, Jesse Clay	Civil and Environmental Engr (CIV EN EGR)	Assistant Professor
Hanna, Awad S	Civil and Environmental Engr (CIV EN EGR)	Professor
Harrington, Gregory W	Civil and Environmental Engr (CIV EN EGR)	Professor
Hicks, Andrea	Civil and Environmental Engr (CIV EN EGR)	Assistant Professor
Hurley, James P	Civil and Environmental Engr (CIV EN EGR)	Associate Professor
Likos, William	Civil and Environmental Engr (CIV EN EGR)	Professor
Loheide, Steven P	Civil and Environmental Engr (CIV EN EGR)	Professor
Mcmahon, Katherine D	Civil and Environmental Engr (CIV EN EGR)	Professor
Noguera, Daniel R	Civil and Environmental Engr (CIV EN EGR)	Professor
Noyce, David A	Civil and Environmental Engr (CIV EN EGR)	Professor

Park, Jae K	Civil and Environmental Engr (CIV EN EGR)	Professor
Parra-Montesinos, Gustavo	Civil and Environmental Engr (CIV EN EGR)	Professor
Pincheira, Jose A	Civil and Environmental Engr (CIV EN EGR)	Associate Professor
Prabhakar, Pavana	Civil and Environmental Engr (CIV EN EGR)	Assistant Professor
Pujara, Nimish P	Civil and Environmental Engr (CIV EN EGR)	Assistant Professor
Ran, Bin	Civil and Environmental Engr (CIV EN EGR)	Professor
Remucal, Christina Keenan	Civil and Environmental Engr (CIV EN EGR)	Associate Professor
Russell, Jeffrey S	Civil and Environmental Engr (CIV EN EGR)	Professor
Schauer, James J	Civil and Environmental Engr (CIV EN EGR)	Professor
Sone, Hiroki	Civil and Environmental Engr (CIV EN EGR)	Assistant Professor
Tinjum, James M	Civil and Environmental Engr (CIV EN EGR)	Associate Professor
Wang, Bu	Civil and Environmental Engr (CIV EN EGR)	Assistant Professor
Wright, Daniel B	Civil and Environmental Engr (CIV EN EGR)	Assistant Professor
Wu, Chin-Hsien	Civil and Environmental Engr (CIV EN EGR)	Professor
Zhu, Zhenhua	Civil and Environmental Engr (CIV EN EGR)	Assistant Professor

How will the resource load for the additional advising be met?

Describe how student services and advising will be supported.

We will use the same model of advising currently followed in our six named option M.S. degrees. The Department of Civil and Environmental Engineering has 34 faculty and 27 adjunct professors. They will provide advising, along with assistance from an academic staff in the department as needed. Advisors will be matched by the key faculty associated with the program based on each student's specific area of interest. Advisors will approve course lists and, if applicable, supervise independent study.

Describe the advising and mentoring practices that will be used in this program, including how annual assessment of student progress will be communicated.

Confirm that the program advisor(s) or coordinator(s) have been consulted and reviewed this proposal.

Yes

Select the Graduate Research Scholars Community for this program.

Resources, Budget, and Finance

Is this a revenue program?

Yes

What is the tuition structure for this program?

Standard resident/MN/nonresident graduate tuition

Select a tuition increment:

What is the rationale for selecting this tuition increment?

Will segregated fees be charged?

If segregated fees will not be charged, please explain.

Upload the proposal for market based tuition:

Provide a summary business plan.

See spreadsheet

Provide an overview of plans for funding the program including but not limited to program administration, instructional/curricular delivery, technology needs and program assessment.

See spreadsheet

What is the marketing plan?

A portion of the revenue generated by this program (14%; see spreadsheet) is allocated to the College of Engineering. This revenue will support all major marketing efforts for the program, which is administered by the Division of Continuing Studies. In addition, we will work with our Communication Specialist in the department to put together customized promotional materials as needed.

Describe resource and fiscal considerations - A. Provide an overview of plans for funding the program including program administration, instructional/curricular delivery, academic and career advising, technology needs, marketing (if relevant), financial aid and scholarships (if relevant), capacity for student learning outcomes assessment and program review.

Describe resource and fiscal considerations - B. Are the faculty, instructional staff and key personnel existing or new faculty and staff? If they already serve existing programs, how are they able to add this workload? If new faculty and staff will be added, how will they be funded?

Describe resource and fiscal considerations - C. What impacts will the program have on staffing needs beyond the immediate program? How are those needs being met?

Describe resource and fiscal considerations - D. For graduate programs, describe plans for funding students including but not limited to funding sources and how funding decisions will be made.

UW System Administration and the Board of Regents require submission of budget information in a specific format. These forms will be completed in collaboration with APIR after school/college approval and before submission to UWSA for Board consideration. These forms are uploaded here by APIR.

Given considerations associated with the proposed change, describe the academic unit's fiscal capacity to support the instructional and curricular requirements, academic and career advising, student support services, technology needs, and relevant assessment of student learning and program review requirements. Is there sufficient capacity in the curricular and academic support services to meet the additional workload? For research graduate programs, include information on how the program will be administered and how student funding will be handled. For undergraduate programs, include information on academic advising, career advising, student support services.

Does the program or change require substantial new resources other than those just described? Describe the needs. Confirm that the dean is committed to providing the resources.

No substantial new resources are required.

Are new Library resources needed to support this program?

No

Provide a summary of the requirements.

Memo from the Libraries confirming that the needs can be addressed.

Describe plans for funding students including but not limited to funding sources and how funding decisions are made.

N/A

Will you be seeking federal financial aid eligibility for this Capstone program?

Capstone program students are eligible for federal financial aid (usually loans) if they participate in Gainful Employment (GE) requirements, that is, they prepare students for employment in a recognized occupation. For information about gainful employment requirements see: <https://studentaid.ed.gov/sa/about/data-center/school/ge>

Identify the SOC codes most closely associated with the occupational preparation the Capstone provides.

What program-specific financial aid, if any, is available for this program?

What is the time period that this program is designed to be completed in by the typical student?

Gainful Employment requirements come with the need to track employment of graduates and provide additional reports – does the program have the capacity to complete these requirements?

Curriculum and Requirements

If you are proposing a change to the curriculum, what percentage of the curriculum is changing?

Provide an explanation of the reasons for such a substantial curricular change, the potential impact on students, availability of courses, and plan for transition.

Which students are eligible for the certificate?

List the specific schools and colleges.

Provide justification for the limits.

Is this certificate available to University Special (non-degree seeking students)?

Which University Special students are eligible for the certificate?

Describe certificate program procedures to advise students who do not complete the certificate to notify the program advisor if they re-enroll as a University Special student to complete the certificate.

Describe certificate program procedures to notify Adult Career and Special Student Services (ACSSS) of those University Special students who are formerly unaffiliated with the program who intend to complete a certificate.

Describe certificate program procedures to report to the Registrar's Office when a University Special student has completed the certificate and supply a list of courses that student used to fulfill certificate requirements. (Note that SIS eDeclaration and DARS are not available for University Special students.)

Parent Plan Admissions/How To Get In Requirements

Students apply to the Master of Science in Civil and Environmental Engineering through one of the named options:

- Research [REGISTRAR'S OFFICE ADD LINK ONCE PAGE IS BUILT]
- Construction Engineering and Management (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-construction-engineering-management-ms/>)
- Environmental Science and Engineering (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-environmental-science-engineering-ms/>)
- Geological/Geotechnical Engineering (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-geological-geotechnical-engineering-ms/>)
- Structural Engineering (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-structural-engineering-ms/>)
- Transportation Engineering (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-transportation-engineering-ms/>)

- Water Resources Engineering (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-water-resources-engineering-ms/>)

Guide Admissions/How to Get In tab

Requirements	Detail
Fall Deadline	December 15
Spring Deadline	October 1
Summer Deadline	This program does not admit in the summer.
GRE (Graduate Record Examinations)	Not required.
English Proficiency Test	Every applicant whose native language is not English or whose undergraduate instruction was not in English must provide an English proficiency test score and meet the Graduate School minimum requirements (https://grad.wisc.edu/apply/requirements/#english-proficiency).
Other Test(s) (e.g. GMAT, MCAT)	N/A
Letters of Recommendation Required	3

Applicants must first meet all of the requirements of the Graduate School. Please visit this website (<https://grad.wisc.edu/>) for details.

Applicants must also meet department specific requirements as outlined below:

- Have a bachelor's degree in civil and environmental engineering from an ABET-accredited engineering program or from a recognized international institution
- Submit a 1,000 word or fewer statement of purpose; include your technical areas of interest, coursework emphasis, research experience, professional goals, faculty members you are interested in working with, and any other items relevant to your qualifications for graduate school
- Submit three letters of recommendation
- Non-native English speakers must have a Test of English as a Foreign Language (TOEFL) with a score of 580 (written) or 92 (Internet version)

Please do not mail paper copies of application materials. Upload the required application materials to the electronic Graduate School application, including a PDF copy of the most current transcripts. Applicants who are recommended for admission by the CEE Admissions Committee, will receive an e-mail with further instructions from the CEE Graduate Admissions Office, requesting official transcripts or other required application material.

Applicants should monitor the application status by visiting the "Graduate Application Status" window within your MyUW portal (information on this is received after submitting an application). You may need to activate a NetID to gain access to the MyUW portal.

Graduate Application Status will remain "pending" until recommendations are determined. All applicants will receive an e-mail from the CEE Graduate Admissions Team with more details once the admission committees have made decisions.

Describe plans for recruiting students to this program.

We aim to recruit a diverse group of domestic and international students. We will advertise to prospective applicants using the marketing provided by DCS. We are also currently focusing on targeting UW-Madison undergraduate students.

What is the recruiting and admissions strategy for underrepresented students?

Will students be declared in an intended major while completing the admission requirements?

Describe how the students will be advised and the transition to other degree granting program if they are not admitted.

Projected Annual Enrollment:

Year	Projected Enrollment
Year 1	15
Year 2	20
Year 3	25
Year 4	30
Year 5	35

Maximum enrollment that can be supported with existing instructional and student services resources:

200

Describe plans for supporting enrollments that are much higher or much lower than the anticipated enrollment.

Are international students permitted to enroll in this program?

Those who are not familiar with using the html editor fields may upload a document with information about the curriculum for use by those who will format and edit the content that will appear in the Guide.

Select the school or college degree requirements that will be used.

Will this program have Honors in the Major?

Parent Requirements

Minimum Graduate School Requirements

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), in addition to the program requirements listed below.

Major Requirements

Mode of Instruction

Face to Face	Evening/Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	No

Mode of Instruction Definitions

Evening/Weekend: These programs are offered in an evening and/or weekend format to accommodate working schedules. Enjoy the advantages of on-campus courses and personal connections, while keeping your day job. For more information about the meeting schedule of a specific program, contact the program.

Online: These programs are offered primarily online. Many available online programs can be completed almost entirely online with all online programs offering at least 50 percent or more of the program work online. Some online programs have an on-campus component that is often designed to accommodate working schedules. Take advantage of the convenience of online learning while participating in a rich, interactive learning environment. For more information about the online nature of a specific program, contact the program.

Hybrid: These programs have innovative curricula that combine on-campus and online formats. Most hybrid programs are completed on-campus with a partial or completely online semester. For more information about the hybrid schedule of a specific program, contact the program.

Accelerated: These on-campus programs are offered in an accelerated format that allows you to complete your program in a condensed time-frame. Enjoy the advantages of on-campus courses with minimal disruption to your career. For more information about the accelerated nature of a specific program, contact the program.

CURRICULAR REQUIREMENTS

Requirements	Detail
Minimum Credit Requirement	See Named Options for policy information.
Minimum Residence Credit Requirement	See Named Options for policy information.
Minimum Graduate Coursework Requirement	See Named Options for policy information.
Overall Graduate GPA Requirement	See Named Options for policy information.
Other Grade Requirements	See Named Options for policy information.
Assessments and Examinations	See Named Options for policy information.
Language Requirements	See Named Options for policy information.

Required Courses

Select a Named Option (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/#NamedOptions>) for courses required.

Named Options (Sub-Majors)

A named option is a formally documented sub-major within an academic major program. Named options appear on the transcript with degree conferral. Students pursuing the Master of Science in Civil and Environmental Engineering must select one of the following named options:

View as listView as grid

- Civil and Environmental Engineering: Construction Engineering and Management, M.S. (<http://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-construction-engineering-management-ms/>)
- Civil and Environmental Engineering: Environmental Science and Engineering, M.S. (<http://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-environmental-science-engineering-ms/>)
- Civil and Environmental Engineering: Geological/Geotechnical Engineering, M.S. (<http://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-geological-geotechnical-engineering-ms/>)
- Civil and Environmental Engineering: Research, M.S. (<http://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-research-ms/>)
- Civil and Environmental Engineering: Structural Engineering, M.S. (<http://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-structural-engineering-ms/>)
- Civil and Environmental Engineering: Transportation Engineering, M.S. (<http://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-transportation-engineering-ms/>)
- Civil and Environmental Engineering: Water Resources Engineering, M.S. (<http://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/civil-environmental-engineering-water-resources-engineering-ms/>)

Guide Requirements tab

Minimum Graduate School Requirements

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements#text>), in addition to the program requirements listed below.

Named Option Requirements

MODE OF INSTRUCTION

Face to Face	Evening/Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	Yes

Curricular Requirements

Requirements	Detail
Minimum Credit Requirement	30 credits
Minimum Residence Credit Requirement	16 credits
Minimum Graduate Coursework Requirement	At least 50% of credits applied toward the graduate degree credit requirement must be completed in graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university's Course Guide.
Overall Graduate GPA Requirement	3.00 GPA required.
Other Grade Requirements	The Graduate School requires an average grade of B or better in all coursework (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.
Assessments and Examinations Language Requirements	Contact the program for information on required assessments and examinations. Contact the program for information on any language requirements.

Curriculum Paths

Construction Engineering and Management

Code	Title	Credits
CIV ENGR 392	Building Information Modeling (BIM)	3
CIV ENGR/G L E 430	Introduction to Slope Stability and Earth Retention	1
CIV ENGR/G L E 432	Introduction to Shallow and Deep Foundation Systems	1
CIV ENGR/G L E 434	Introduction to Underground Openings Engineering	1
CIV ENGR 445	Steel Structures I	3
CIV ENGR 447	Concrete Structures I	3
CIV ENGR 451	Architectural Design	3
CIV ENGR/BSE 491	Legal Aspects of Engineering	3
CIV ENGR 492	Integrated Project Estimating and Scheduling	3
CIV ENGR 494	Civil and Environmental Engineering Decision Making	3
CIV ENGR 496	Electrical Systems for Construction	3
CIV ENGR 497	Mechanical Systems for Construction	3
CIV ENGR 498	Construction Project Management	3
CIV ENGR/G L E 532	Foundations	3
CIV ENGR 545	Steel Structures II	3
CIV ENGR 547	Concrete Structures II	3
CIV ENGR 575	Advanced Highway Materials and Construction	3
CIV ENGR 576	Advanced Pavement Design	3
CIV ENGR 649	Special Topics in Structural Engineering	1-3
CIV ENGR 669	Special Topics in Construction Engineering and Management	1-4

Environmental Science and Engineering

Code	Title	Credits
CIV ENGR 410	Hydraulic Engineering	3
CIV ENGR 411	Open Channel Hydraulics	3
CIV ENGR 412	Groundwater Hydraulics	3
CIV ENGR 414	Hydrologic Design	3
CIV ENGR 415	Hydrology	3
CIV ENGR 416	Water Resources Systems Analysis	3
CIV ENGR/G L E 421	Environmental Sustainability Engineering	3
CIV ENGR 423	Air Pollution Effects, Measurement and Control	3
CIV ENGR 426	Design of Wastewater Treatment Plants	3
CIV ENGR 427	Solid and Hazardous Wastes Engineering	3
CIV ENGR 428	Water Treatment Plant Design	3
CIV ENGR 429	Environmental Systems Optimization	3
CIV ENGR 494	Civil and Environmental Engineering Decision Making	3
CIV ENGR 500	Water Chemistry	3
CIV ENGR 501	Water Analysis-Intermediate	3
CIV ENGR/G L E 511	Mixing and Transport in the Environment	3
CIV ENGR 514	Coastal Engineering	2-3
CIV ENGR 515	Hydroclimatology for Water Resources Management	3
CIV ENGR 522	Hazardous Waste Management	3
CIV ENGR/G L E 530	Seepage and Slopes	3
CIV ENGR 609	Special Topics in Water Chemistry	1-3
CIV ENGR/G L E 612	Ecohydrology	3
CIV ENGR 618	Special Topics in Hydraulics and Fluid Mechanics	1-3
CIV ENGR 619	Special Topics in Hydrology	1-3
CIV ENGR 629	Special Topics in Environmental Engineering	1-3
CIV ENGR 700	Chemistry of Natural Waters	3
CIV ENGR/ATM OCN 701	The Chemistry of Air Pollution	2
CIV ENGR 703	Environmental Geochemistry	3
CIV ENGR 704	Environmental Chemical Kinetics	3
CIV ENGR 712	CUAHSI Specialized Online Hydrology	1-3
CIV ENGR 716	Statistical Modelling of Hydrologic Systems	3

CIV ENGR 721	Biological Principles of Environmental Engineering	3
CIV ENGR 722	Chemical Principles of Environmental Engineering	3
CIV ENGR 723	Energy Principles of Environmental Engineering	3
CIV ENGR/G L E 732	Unsaturated Soil Geoen지니어링	3
CIV ENGR 820	Hydraulics and Applied Fluid Mechanics for Environmental Engineers	3
CIV ENGR 821	Environmental Engineering: Biological Treatment Processes	3-4
CIV ENGR 822	Environmental Engineering: Physical/Chemical Treatment Process	3-4
CIV ENGR 823	Environmental Engineering Design Project	3

Geological/Geotechnical Engineering

Code	Title	Credits
G L E 401	Special Topics in Geological Engineering	1-3
CIV ENGR 411	Open Channel Hydraulics	3
CIV ENGR 414	Hydrologic Design	3
CIV ENGR 427	Solid and Hazardous Wastes Engineering	3
CIV ENGR/G L E 430	Introduction to Slope Stability and Earth Retention	1
CIV ENGR/G L E 432	Introduction to Shallow and Deep Foundation Systems	1
CIV ENGR/G L E 434	Introduction to Underground Openings Engineering	1
G L E/GEOSCI/M S & E 474	Rock Mechanics	3
CIV ENGR 514	Coastal Engineering	2-3
CIV ENGR/G L E 530	Seepage and Slopes	3
G L E/CIV ENGR 532	Foundations	3
G L E/GEOSCI 537	Quantitative Methods for Geoscience	3
CIV ENGR 575	Advanced Highway Materials and Construction	3
CIV ENGR 576	Advanced Pavement Design	3
G L E/GEOSCI 594	Introduction to Applied Geophysics	3
G L E/GEOSCI 595	Field Methods in Applied and Engineering Geophysics	1
G L E/GEOSCI 627	Hydrogeology	3-4
G L E/GEOSCI 629	Contaminant Hydrogeology	3
G L E/CIV ENGR 635	Remediation Geotechnics	3
GEOSCI 720	Glaciology	3
G L E/GEOSCI 724	Groundwater Flow Modeling	3
G L E/CIV ENGR 730	Engineering Properties of Soils	3
G L E/CIV ENGR 732	Unsaturated Soil Geoen지니어링	3
G L E/CIV ENGR 733	Physicochemical Basis of Soil Behavior	3
G L E/CIV ENGR 735	Soil Dynamics	3
CIV ENGR 744	Structural Dynamics and Earthquake Engineering	3
G L E/GEOSCI 747	Tectonophysics	3
GEOSCI 755	Advanced Structural Geology	3
GEOSCI 758	Mechanics of Earthquakes and Faulting	3
G L E 801	Special Topics in Geological Engineering	1-3

Structural Engineering

Code	Title	Credits
E M A 405	Practicum in Finite Elements	3
CIV ENGR/G L E 430	Introduction to Slope Stability and Earth Retention	1
CIV ENGR/G L E 432	Introduction to Shallow and Deep Foundation Systems	1
CIV ENGR/G L E 434	Introduction to Underground Openings Engineering	1
CIV ENGR 440	Structural Analysis II ¹	3
CIV ENGR/BSE 491	Legal Aspects of Engineering	3
CIV ENGR 498	Construction Project Management	3
E M A 506	Advanced Mechanics of Materials I	3
CIV ENGR/E M A/M E 508	Composite Materials	3
CIV ENGR/G L E 532	Foundations	3
CIV ENGR 545	Steel Structures II ¹	3
CIV ENGR 547	Concrete Structures II ¹	3
E M A 605	Introduction to Finite Elements	3

CIV ENGR 649	Special Topics in Structural Engineering	1-3
CIV ENGR/G L E 730	Engineering Properties of Soils	3
CIV ENGR/G L E 735	Soil Dynamics	3
CIV ENGR 744	Structural Dynamics and Earthquake Engineering	3
CIV ENGR 749	Special Topics in Structural Engineering	1-4

¹ NOTE: CIV ENGR 440 Structural Analysis II, CIV ENGR 545 Steel Structures II, and CIV ENGR 547 Concrete Structures II are required for students in the Structural Engineering Path unless approved by their advisor.

Transportation Engineering

Code	Title	Credits
PSYCH/I SY E 349	Introduction to Human Factors	3
CIV ENGR 370	Transportation Engineering	3
CIV ENGR/G L E 421	Environmental Sustainability Engineering	3
CIV ENGR/BSE 491	Legal Aspects of Engineering	3
CIV ENGR 494	Civil and Environmental Engineering Decision Making	3
CIV ENGR 571	Urban Transportation Planning	3
CIV ENGR 572	Transportation Operations	3
CIV ENGR 573	Geometric Design of Transport Facilities	3
CIV ENGR 574	Traffic Control	3
CIV ENGR 575	Advanced Highway Materials and Construction	3
CIV ENGR 576	Advanced Pavement Design	3
CIV ENGR 577	Traffic Flow Theory	3
CIV ENGR 678	Advanced Traffic Modeling and Computer Simulation	3
CIV ENGR 679	Special Topics in Transportation and City Planning	3
CIV ENGR/PUB AFFR 694	Management of Civil Infrastructure Systems	3

Water Resources

Code	Title	Credits
CIV ENGR 410	Hydraulic Engineering	3
CIV ENGR 411	Open Channel Hydraulics	3
CIV ENGR 412	Groundwater Hydraulics	3
CIV ENGR 414	Hydrologic Design	3
CIV ENGR 415	Hydrology	3
CIV ENGR 416	Water Resources Systems Analysis	3
CIV ENGR/G L E 421	Environmental Sustainability Engineering	3
CIV ENGR 423	Air Pollution Effects, Measurement and Control	3
CIV ENGR 426	Design of Wastewater Treatment Plants	3
CIV ENGR 427	Solid and Hazardous Wastes Engineering	3
CIV ENGR 428	Water Treatment Plant Design	3
CIV ENGR 429	Environmental Systems Optimization	3
CIV ENGR 494	Civil and Environmental Engineering Decision Making	3
CIV ENGR 500	Water Chemistry	3
CIV ENGR 501	Water Analysis-Intermediate	3
CIV ENGR/G L E 511	Mixing and Transport in the Environment	3
CIV ENGR 514	Coastal Engineering	2-3
CIV ENGR 515	Hydroclimatology for Water Resources Management	3
CIV ENGR 522	Hazardous Waste Management	3
CIV ENGR/G L E 530	Seepage and Slopes	3
CIV ENGR 609	Special Topics in Water Chemistry	1-3
CIV ENGR/G L E 612	Ecohydrology	3
CIV ENGR 618	Special Topics in Hydraulics and Fluid Mechanics	1-3
CIV ENGR 619	Special Topics in Hydrology	1-3
CIV ENGR 629	Special Topics in Environmental Engineering	1-3
CIV ENGR 700	Chemistry of Natural Waters	3
CIV ENGR/ATM OCN 701	The Chemistry of Air Pollution	2
CIV ENGR 703	Environmental Geochemistry	3
CIV ENGR 704	Environmental Chemical Kinetics	3
CIV ENGR 712	CUAHSI Specialized Online Hydrology	1-3

CIV ENGR 716	Statistical Modelling of Hydrologic Systems	3
CIV ENGR 721	Biological Principles of Environmental Engineering	3
CIV ENGR 722	Chemical Principles of Environmental Engineering	3
CIV ENGR 723	Energy Principles of Environmental Engineering	3
CIV ENGR/G L E 732	Unsaturated Soil Geoen지니어링	3
CIV ENGR 820	Hydraulics and Applied Fluid Mechanics for Environmental Engineers	3
CIV ENGR 821	Environmental Engineering: Biological Treatment Processes	3-4
CIV ENGR 822	Environmental Engineering: Physical/Chemical Treatment Process	3-4
CIV ENGR 823	Environmental Engineering Design Project	3

Seminars

Code	Title	Credits
CIV ENGR 579	Seminar-Transportation Engineering	1
CIV ENGR 669	Special Topics in Construction Engineering and Management	1-4
CIV ENGR 909	Graduate Seminar - Environmental Chemistry & Technology	1
CIV ENGR 919	Seminar-Hydraulic Engineering and Fluid Mechanics	1
CIV ENGR 929	Seminar-Environmental Engineering	1
CIV ENGR 939	Geotechnical Engineering Seminar	1
CIV ENGR 949	Seminar-Structural Engineering	1

Total credits required:

30

Semesters to completion:

Parent Plan Graduate Policies

Graduate School Policies

The Graduate School's Academic Policies and Procedures (<https://grad.wisc.edu/acadpolicy/>) provide essential information regarding general university policies. Program authority to set degree policies beyond the minimum required by the Graduate School lies with the degree program faculty. Policies set by the academic degree program can be found below.

Major-Specific Policies

Graduate Program Handbook

The Graduate Program Handbook (<https://www.engr.wisc.edu/app/uploads/2018/10/CEEGraduateStudentHandbook102018.pdf>) is the repository for all of the program's policies and requirements.

Prior Coursework

Graduate Work from Other Institutions

See Named Options (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/#NamedOptions>) for policy information.

UW-Madison Undergraduate

See Named Options (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/#NamedOptions>) for policy information.

UW-Madison University Special

See Named Options (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/#NamedOptions>) for policy information.

Probation

See Named Options (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/#NamedOptions>) for policy information.

ADVISOR / COMMITTEE

See Named Options (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/#NamedOptions>) for policy information.

CREDITS PER TERM ALLOWED

See Named Options (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/#NamedOptions>) for policy information.

Time Constraints

See Named Options (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/#NamedOptions>) for policy information.

Other

See Named Options (<https://guide.wisc.edu/graduate/civil-environmental-engineering/civil-environmental-engineering-ms/#NamedOptions>) for policy information.

Guide Graduate Policies tab

Graduate Program Handbook

The Graduate Program Handbook (<https://www.engr.wisc.edu/department/civil-environmental-engineering/academics/ms-phd-civil-and-environmental-engineering/>) is the repository for all of the program's policies and requirements.

Prior Coursework

Code	Title	Credits
Satisfying Requirements with Coursework from Undergraduate Career at UW–Madison		
300 level or above from the undergraduate coursework completed at UW–Madison may count toward for up to 7 credits of the 30-credit requirement as approved by the advisor. However, this work would not be allowed to count toward the 50% graduate coursework minimum unless taken at the 700 level or above. Coursework earned five or more years prior to admission term (start of instruction date) to a master's degree is not allowed to satisfy requirements.		
Satisfying Requirements with Prior Graduate Coursework from Other Institutions		
Up to 14 credits of relevant graduate coursework (earned post-baccalaureate) from another institution may count towards fulfillment of the graduate curriculum, if approved by the department. The first 9 credits of approved graduate coursework may count towards elective coursework. If applicable, any remaining prior coursework (beyond 9 credits) may count towards 5 of the 21 CEE /GLE credits, if approved by the faculty advisor. Coursework earned five or more years prior to admission term (start of instruction date) to a master's degree is not allowed to satisfy requirements.		
Probation		
The Graduate School regularly reviews the record of any student who earned grades of BC, C, D, F, or Incomplete in a graduate course (300 or above), or grade of U in research credits. This review could result in academic probation with a hold on future enrollment or in being suspended from the Graduate School.		
ADVISOR / COMMITTEE		
Every graduate student is required to have an advisor. To ensure that students are making satisfactory progress toward a degree, the Graduate School expects them to meet with their advisor on a regular basis.		
In many cases, an advisor is assigned to incoming students. Students can be suspended from the Graduate School if they do not have an advisor. An advisor is a faculty member, or sometimes a committee, from the major department responsible for providing advice regarding graduate studies.		
A committee often accomplishes advising for the students in the early stages of their studies.		
CREDITS PER TERM ALLOWED		
15 credits		
Time Constraints		
Master's degree students who have been absent for five or more consecutive years lose all credits that they have earned before their absence. Individual programs may count the coursework students completed prior to their absence for meeting program requirements; that coursework may not count toward Graduate School credit requirements.		
Other		
Students in the accelerated MS named options are not eligible for department funded opportunities.		
Parent Guide Four Year Plan tab		
Guide Four Year Plan tab		
Discuss expected progress to degree and time to degree. For undergraduate programs discuss considerations for supporting students to complete the degree in four academic years.		
The 30-credit program is designed to be completed in one year (12 calendar months). Most students will take 12 credits during the fall semester, 12 credits during the spring semester, and 6 credits during the summer.		

Provide detail on how breadth will be achieved.

Describe part-time format (<8 credits fall and spring semesters < 4 credits summer term) here.

Describe full-time, time-compressed, intensive format here.

Describe other format here.

Program Learning Outcomes and Assessment

Parent Program Learning Outcomes

Demonstrate a strong understanding of mathematical, scientific, and engineering principles in the field.

Demonstrate an ability to formulate, analyze, and solve advanced engineering problems.

Apply the latest scientific and technological advancements, advanced techniques, and modern engineering tools to these problems.

Recognize and apply principles of ethical and professional conduct.

List the program learning outcomes.

Summarize the assessment plan.

The professional M.S. program has four learning outcomes:

1. Demonstrate a strong understanding of mathematical, scientific, and engineering principles in the field

2. Demonstrate an ability to formulate, analyze, and independently solve advanced engineering problems

3. Apply the relevant scientific and technological advancements, techniques, and engineering tools to address these problems

4. Recognize and apply principles of ethical and professional conduct

All four learning outcomes will be assessed annually using a direct assessment of students graduating from the program. Each student's M.S. advisor will complete the departmental learning goals checklist before the end of the semester in which the student completes the program. The individual checklists will be compiled, summarized, and reported to the department and Dean's office.

Approved Assessment Plan:

Related Programs

List majors and certificates that may not be earned in combination with this program.

List majors that are anticipated to frequently be completed in combination with the proposed program. For each, describe how the proposed program can be completed in combination with the major without increasing time to degree.

Provide information in related programs offered by other UW System institutions and explain the extent to which the proposed program is distinct and how it overlaps or duplicates those programs.

Commitments

All required courses are approved through the school/college level.

Yes

Courses are offered on a regular basis to allow timely completion.

Yes

Courses have enrollment capacity.

Yes

Courses in the curriculum are numbered 300 or higher.

Courses in the curriculum are numbered 699 or lower.

Courses in which a student elects the pass/fail option will not count toward completion of requirements.

Special topics courses are only used if all topics count for the certificate.

All requirements must be met; exceptions that amount to waiving requirements are not permitted.

Course substitutions to the curriculum should be kept to a minimum; if substitutions are being made on a regular basis, the curriculum should be re-examined. When course substitutions are made, the substituted course should be formally added to the curriculum through governance for inclusion in the curriculum the following academic year.

Substitutions are not permitted for any course unless the substitution would be provided for every student with the same substitution request.

When the proposed certificate is made available to University Special students it is only available to those who have earned a baccalaureate degree.

Certificate program faculty and staff understand that Adult Career and Special Student Services (ACSSS) in the Division of Continuing Studies will serve as the advising, admissions, and academic dean's office for all University Special students.

Certificate program faculty and staff will work with ACSSS to monitor and advise University Special students seeking a certificate.

Certificate courses have the enrollment capacity to accommodate University Special students. Certificate program faculty and staff understand that University Special students completing the certificate will not have enrollment priority over degree-seeking undergraduate students nor University Special students enrolled in capstone certificate programs.

If completing the certificate as a University Special student, at least 12 credits towards the certificate must be earned in residence at UW-Madison, either while enrolled as a University Special student or from coursework earned while enrolled as an undergraduate at UW-Madison. (Note this is a higher residency requirement than is used for degree-seeking students.)

All of the Capstone certificate credits must be earned "in residence" (which includes on campus and distance-delivered courses) at UW-Madison while enrolled in the Capstone certificate program. Because a Capstone certificate is comprised of just a few courses, it is not appropriate for students who already have completed the same or similar coursework at UW-Madison or another institution.

At least half of the credits must be earned in residence (UW-Madison on campus, study abroad, or distance courses); exceptions to the minimum residency requirement are not permitted.

Students must earn a minimum 2.000 GPA on required certificate coursework. Completed courses listed within the certificate curriculum, whether or not they meet a specific requirement, are included in the calculation of the GPA.

Students must earn a minimum 3.000 GPA on required certificate coursework. Completed courses listed within the certificate curriculum, whether or not they meet a specific requirement, are included in the calculation of the GPA.

Students must earn a minimum grade of C on all attempted Capstone certificate coursework.

The program faculty/staff will ensure the program is encoded into DARS and will work with the Registrar's Office DARS liaison to keep approved revisions to the curriculum current.

All students will be declared into the appropriate plan code in SIS via either an admission process or e-declaration. If the student does not have the plan code on their student record in SIS the student is not considered to be in the program.

Students may complete only 1 named option within a plan code.

Yes

The program faculty/staff will ensure the program website, Advance Your Career materials if applicable, and other presentations are consistent with the Guide information for this program.

Yes

Certificate requires no more than half of the credits required for a major in a related field.

Credential will not be awarded retroactively to students who completed all of the requirements before the credential was approved.

Yes

Degree#seeking students may not be concurrently enrolled in a Capstone certificate program.

Students enrolled in Capstone certificate programs are NOT eligible for teaching assistant (TA), research assistant (RA), project assistant (PA) nor graduate fellowship support. Programs must disclose this program policy to Capstone certificate students in the recommendation of admission letter, program website, program handbook, and program orientation.

To be eligible for admission to a Capstone program, a student must hold an earned bachelor's degree or equivalent credential from an accredited college or university.

Supporting Information

List name and department of those who are in support of this proposal.

If those supporting the proposal provided a letter or email of support upload here. A letter is NOT required. Upload any other explanatory information about support from other UW-Madison units.

Additional Information:

CEE 131 budget proposal.xlsx

Approvals

Department Approval - This proposal has been approved by the faculty at the department/academic unit level. The program faculty confirm that the unit has the capacity and resources (financial, physical, instructional, and administrative) to meet the responsibilities associated with offering the program, including offering the necessary courses, advising students, maintaining accurate information about the program in the Guide and elsewhere, conducting student learning assessment and program review, and otherwise attend to all responsibilities related to offering this program.

Enter any notes about approval here:

Entered by:

Date entered:

School/College Approval - This proposal has been approved at the school/college level and it is submitted with the Dean's support. The Dean and program faculty confirm that the unit has the capacity and resources (financial, physical, instructional, and administrative) to meet the responsibilities associated with offering the program, including offering the necessary courses, advising students, maintaining accurate information about the program in the Guide and elsewhere, conducting student learning assessment and program review, and otherwise attend to all responsibilities related to offering this program.

Enter any notes about approval here:

Entered by and date:

Date entered:

GFEC Approval - This proposal has been approved by the Graduate Faculty Executive Committee and the Dean of the Graduate School.

Enter any notes about the approval here:

Entered by:

Date entered:

UAPC Approval - This proposal has been approved by the University Academic Planning Council and the Provost.

Enter any notes about approval here:

Entered by:

Date entered:

For Administrative Use

Admin Notes:

Guide URL:

Effective date:

Effective Guide Edition:

Career:

SIS Program Code:

SIS Program Code (BS):

SIS Short Description:

SIS code for additional major:

SIS code for intended major:

SIS code for honors in the major:

SIS code for honors in the major (BS):

SIS code for honors in the major (BMAJ):

SIS code for special student certificate:

Other plan codes associated with this program:

Diploma Text:

Diploma Text 2:

Degree:

Degree (BS):

Field of Study:

Program Length:

National Student Clearing House Classification:

Plan Group:

Educational Level:

Award Category:

Enrollment Category:

CIP Code:

STEMOPT:

UWSTEM:

HEALTH:

Educational Innovation Program:

Distance Education Program:

Non Traditional Program:

Special Plan Type:

CDR certificate category:

Added to UW System Crosswalk:

Reviewer Comments

Key: 1134