

# Declaration Form

## Undergraduate Certificate in Manufacturing Engineering

College of Engineering  
University of Wisconsin-Madison

Students should fill out this form. If you have any questions, or you are ready to have it reviewed and signed, please contact one of the certificate advisors listed here:

[List of Advisors](#)

Please complete your course plan (next page). Attach (1) your current unofficial transcript (download from MyUW Student Center); and (2) a screenshot of the [EMU page](#) that shows your name and confirmation of your Green Permit with CNC Mill 1 or CNC Lathe 1 upgrade from the [TEAM Lab](#).

I am a degree-seeking undergraduate student at the University of Wisconsin-Madison. I have met with a certificate advisor to develop a list of courses that I will take to meet the requirements of the Certificate. The Certificate course plan and unofficial transcript are attached. I understand I must receive a B average or higher for all the courses counting toward the Certificate. I must also receive a grade of BC or higher in each course, for it to count toward the Certificate. I affirm that I meet all requirements to declare the Certificate in Manufacturing Engineering:

- Undergraduate standing at the University of Wisconsin-Madison (UW-Madison)
- Cumulative GPA (at UW-Madison) greater than or equal to 3.0 (attach your unofficial transcript)
- Green Shop Pass and CNC 1 (mill or lathe) Upgrade (attached [TEAM Lab](#) EMU screenshot)

### Student Information:

Name: \_\_\_\_\_ Campus ID (10 Digits): \_\_\_\_\_

Current Major: \_\_\_\_\_ Graduation Date (MM/YY): \_\_\_\_\_

Cumulative GPA: \_\_\_\_\_ (attach your grade report)

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Certificate Advisor:

I have met with the above student and have approved this application for the Undergraduate Certificate in Manufacturing Engineering.

Advisor Name: \_\_\_\_\_ (please print)

Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Send completed form to [engrugdeanadmin@engr.wisc.edu](mailto:engrugdeanadmin@engr.wisc.edu).

## Course Plan for the Certificate in Manufacturing Engineering

College of Engineering  
University of Wisconsin-Madison

The Undergraduate Certificate in Manufacturing Engineering is for undergraduate students at the University of Wisconsin-Madison and will require a total of 18 completed credits. Nine credits (3 courses) must be from the list of core courses: ME 310, ME 311, ME 313, ME 314, ISyE 315, ISyE 415, and MS&E 332. The additional nine credits (3 courses) must be selected from a list of approved elective courses, with at least one course from each of the two subject areas:

- Mechanical Engineering + Materials Engineering
- Industrial & Systems Engineering.

A grade of BC or better must be achieved in a course for it to count towards this certificate. A cumulative average of B (3.0) or better must be received in the 18 credits of planned courses. Please see the following website for a list of approved courses:

[List of approved courses](#)

Notes:

1. “Double dipping” is not allowed. If ME 311 or ME 314 and/or ISyE 415 are taken as part of the core course Requirement, then they cannot also count as an elective course.
2. At least 50% of the courses (i.e., 3 courses) for this certificate must be earned in residence on the UW-Madison campus.

### Certificate Courses

Category	Course Dept./Number	Credits / Grade	Semester / Year
Core Courses (9 credits)	Select Course	3 cr. / Select Grade	Select Sem. /
	Select Course	3 cr. / Select Grade	Select Sem. /
	Select Course	3 cr. / Select Grade	Select Sem. /
<b>Elective Courses (9 credits)</b>			
Mechanical and Materials (at least 3 credits)	Select Course	3 cr. / Select Grade	Select Sem. /
	Select Course	3 cr. / Select Grade	Select Sem. /
Industrial & Systems (at least 3 credits)	Select Course	3 cr. / Select Grade	Select Sem. /
	Select Course	3 cr. / Select Grade	Select Sem. /
<b>Total Credits (18 required)</b>			