

ELECTRICAL AND COMPUTER ENGINEERING: MACHINE LEARNING AND SIGNAL PROCESSING, MS

ADMISSIONS

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Please consult the table below for key information about this degree program's admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program's website.

Graduate admissions is a two-step process between academic programs and the Graduate School. **Applicants must meet the minimum requirements (<https://grad.wisc.edu/apply/requirements/>) of the Graduate School as well as the program(s).** Once you have researched the graduate program(s) you are interested in, apply online (<https://grad.wisc.edu/apply/>).

Requirements	Detail
Fall Deadline	December 15
Spring Deadline	This program does not admit in the spring.
Summer Deadline	This program does not admit in the summer.
GRE (Graduate Record Examination)	Not required but may be considered if available.
English Proficiency Test	Refer to the Graduate School: Minimum Requirements for Admission policy: https://policy.wisc.edu/library/UW-1241 (https://policy.wisc.edu/library/UW-1241/)
Other Test(s) (e.g., GMAT, MCAT)	n/a
Letters of Recommendation Required	3

DEADLINE

Please submit all your application materials before the fall deadline to ensure full review of your application. Applications submitted after the above deadline through March 15 will be considered if space is still available. To check if space is available, please email: ecegradadmission@engr.wisc.edu. (ecegradadmission@engr.wisc.edu)

APPLICATION REQUIREMENTS

A submitted online application (<https://grad.wisc.edu/apply/>) is required, consisting of:

- Resume/CV.
- Statement of purpose detailing why the applicant wishes to pursue further education in Electrical and Computer Engineering. If the

applicant's degree is in another discipline, it is recommended to discuss relevant coursework taken in your area of interest that will prepare you for graduate-level Electrical and Computer Engineering (ECE (https://guide.wisc.edu/courses/e_c_e/)) courses. See the suggested guidelines provided by the Graduate School (<https://grad.wisc.edu/apply/prepare/>).

- Most up to date unofficial transcript(s) from all previous higher education institutions, regardless of whether or not a degree was earned (official transcripts are requested of only applicants recommended for admission); international academic records must be in the original language accompanied by an official English translation.
- Test scores as detailed above.
- Three letters of recommendation are required from people who can accurately judge the applicant's academic and/or work performance. Letters of recommendation are submitted electronically to graduate programs through the online application. See the Graduate School for FAQs (<https://grad.wisc.edu/apply/>) regarding letters of recommendation. Letters of recommendation are due by the deadline listed above.

Information about the application fee may be found in the Graduate School FAQs (<https://grad.wisc.edu/apply/>). Fee grants are available through the conditions outlined by the Graduate School (<https://grad.wisc.edu/apply/fee-grant/>).

Applications must be entirely complete by the deadline, including test scores and letters of recommendation. Please note that it is highly advised to take the GRE and English proficiency tests well in advance of the application deadline in order to ensure time for receiving and processing of the scores. Please do not mail any paper copies of application materials, except IELTS scores. They will not be reviewed.

Information for international applicants, including proof of funding and visa information, can be found on the International Student Services (<https://iss.wisc.edu/students/admissions/>) website.

The department welcomes applications from scientific, engineering, and mathematical disciplines other than Electrical and Computer Engineering.

ENGLISH COMPETENCY FOR NON-NATIVE ENGLISH SPEAKERS

Effective written and oral communication is vital for a successful academic career. International students whose native language is not English will be required to take the English as a Second Language Assessment Test (ESLAT), offered by the English as a Second Language (ESL) Program.

The English as a Second Language Assessment Test (ESLAT) must be taken as soon as the student arrives at the university. The test is offered in the fall and spring during the week before the beginning of instruction. The English as a Second Language (ESL) home page (<https://esl.wisc.edu/international-students/placement/>) has more information.

Based on English as a Second Language Assessment Test (ESLAT) performance, specific English as a Second Language (ESL) courses may be recommended. These courses must be taken and passed within 12 months of the English as a Second Language Assessment Test (ESLAT). Otherwise, the student will not be permitted to register during the third semester after entering the graduate program. Any English as a Second Language (ESL) courses numbered 300 or above can be counted towards graduate degree requirements but not toward Electrical and Computer Engineering course requirements. Completion of English as a Second Language Assessment Test (ESLAT) and recommended courses is also

a requirement for graduation of an international student whose native language is not English.

Students are exempt from taking the English as a Second Language Assessment Test (ESLAT) if:

- English is the exclusive language of instruction at the undergraduate institution; or
- they have earned a degree from a regionally accredited US college or university not more than 5 years prior to the anticipated semester of enrollment; or
- they have completed at least two full-time semesters of graded course work, exclusive of English as a Second Language (ESL) courses, in a US college or university, or at an institution outside the US where English is the exclusive language of instruction, not more than 5 years prior to the anticipated semester of enrollment.

If you have any admissions questions, please do not hesitate to contact the Electrical and Computer Engineering Graduate Admissions Team (ecegradadmission@engr.wisc.edu).

REENTRY ADMISSIONS

If you were previously enrolled as a graduate student at UW–Madison, but have had a break in enrollment for at least one fall or spring semester, you will need to apply to resume your studies.

For applicants previously enrolled in a graduate program other than Electrical and Computer Engineering, you must complete a new online application, including all materials, for admission.

For applicants previously enrolled in Electrical and Computer Engineering as a graduate student, you must complete a reentry application. Reentry applicants may apply for the fall term with a deadline of June 1.

In order to apply as a reentry applicant, you must:

- complete the online application (<https://grad.wisc.edu/apply/>), including the personal information section, program and term selection, and supplementary application;
- Provide the following documents to the Electrical and Computer Engineering Graduate Admissions Team (email located in contact information box):
 - CV/Resume
 - Statement of Purpose
 - Any new unofficial transcripts from previous higher education institutions
 - Three letters of recommendation if the break in enrollment equals or is greater than four semesters (fall, spring). Letters of recommendation should be emailed directly from the recommender.

CURRENT GRADUATE STUDENT ADMISSIONS

Students currently enrolled as a graduate student at UW-Madison, whether in or other than Electrical and Computer Engineering, wishing to apply to this degree program should contact the Electrical and Computer Engineering Graduate Admissions Team (ecegradadmission@engr.wisc.edu) to inquire about the process and respective deadlines several months in advance of the anticipated enrollment term. Current students may apply to change or add programs for any term (fall, spring, or summer).

QUESTIONS

Please review the frequently asked questions answered by the Graduate School here (<https://grad.wisc.edu/apply/>).