

SUGS Program in Computer Science and Engineering

The five year (to five and a half year) Sequential Undergraduate/Graduate Study (SUGS, “formerly SGUS”) program in the Computer Science and Engineering Program combines undergraduate study in an approved field with graduate study in the CSE Graduate Program. There are two application paths.

Undergraduate programs in Computer Science, Computer Engineering, Computer Science in Engineering, Electrical Engineering, Data Science, and those with a minor in Computer Science are eligible for application to a SUGS program in Computer Science and Engineering.

MS/MSE Computer Science and Engineering / BS/BSE in Computer Science
MS/MSE Computer Science and Engineering / BS/BSE in Computer Science in Engineering
MS/MSE Computer Science and Engineering / BS/BSE in Computer Engineering
MS/MSE Computer Science and Engineering / BS/BSE in Electrical and Computer Engineering or
MS/MSE Computer Science and Engineering / BS in Data Science
or a MS/MSE Computer Science and Engineering / BS/BSE with a Minor in Computer Science

This Sequential Undergraduate/ Graduate Study (SUGS) program allows students to complete requirements for both degrees in five (to five and a half) years. Many students who enroll in this program plan to enter industry but seek additional intellectual depth beyond the bachelor’s degree. Students who plan to pursue a PhD should apply directly to the CSE PhD program.

Application Information:

1. To apply mid-junior year for early admission. Students must apply for admission no later than the second term of their junior year (and have 80+ hours the term they begin the program). This allows the student additional opportunity to plan his/her courses and to have an early decision for the master’s degree program.

The application is a two-step process:

Step One: Provisional admission (applying by the junior year deadlines).

- a. Fill out and return the CSE admission form for SUGS, available in the CSE Graduate Office. (do not apply online at this time.) Submit all of the following:
- b. Three letters of recommendation
- c. A personal statement
- d. A statement of purpose
- e. An unofficial copy of your transcript

Step Two: If provisionally admitted, the student will need to fill out the Rackham online application and submit it at the beginning of the last term of undergraduate coursework. This will initiate the student’s recorded “official” admission into the Rackham Graduate School and the CSE Graduate Program. The student will also need to provide a copy of their final undergraduate audit.

Upon provisional admission, the student will meet with the CSE SUGS Student Advisor each term. The purpose of this meeting is to outline a preliminary course of study enabling the student to make appropriate course selections while satisfying undergraduate requirements. The student will need to update a SUGS masters plan of study when necessary.

2. To apply mid-senior year for admission to the graduate program without overlap: Students may apply by the regular master’s deadlines for admission. The application is reviewed and a decision made during the regular application timeline. Application/admission at this time does not give you the advance notice to plan courses given below for juniors-early admission. All other application requirements and pre-requisites are the same for both application paths.

Fill out and submit the on-line Rackham application within the regular MS application deadlines.

Upload all of the following:

- a. Three letters of recommendation
- b. A personal statement
- c. A statement of purpose
- d. An unofficial copy of your transcript

e. Completed plan of study (include courses that you would like to use for double counting. This will need to be reviewed and updated upon admission and after as needed.)

Admission to the SUGS program for a master's degree is decided by the CSE Graduate Admissions Committee and the Rackham Graduate School. Admission consideration for this program is competitive and not guaranteed.

To begin SUGS in the Fall term, the deadline is the previous January 15
To begin SUGS in the Winter term the deadline is the previous October 1

Pre-requisite Requirements for both application paths (you must meet these requirement to be eligible to apply): Students must have a minimum cumulative GPA of at least 3.6 at the time of the CSE application submission and must maintain that GPA through the undergraduate degree completion.

All applicants must have completed (EECS 281 or EECS 382) AND (EECS 270 or EECS 370), with a grade of B+ or better by the application deadline.

GRE (General) scores are not required, but will be considered if provided. GRE scores are required for admission to the regular CSE MS/MSE and PhD programs. If a student is seriously considering pursuing a PhD, the GRE test should be taken during the senior year. This also facilitates applications for major national graduate fellowships from the National Science Foundation, etc.

Degree Information:

1. All credit hour and course requirements of the BS/BSE degree must be met. Students with dual major/dual degree undergraduate degrees are not eligible for SUGS
2. All 30 credit hours and all course requirements of Computer Science and Engineering MS/MSE degree must be met.
3. SUGS students must enroll in Rackham for at least two full terms, paying Rackham tuition.
4. Up to nine hours of prior-approved coursework may be double-counted toward each of the two degrees. Courses may not be split for the double count or for transfer. Double-counted hours may *not* include any core courses required for the BS/BSE degree, but may include courses elected to meet technical or general electives required for the BS/BSE degree.

All double-counted hours must be acceptable for Rackham and Graduate Program credit (non-core CSE/EECS 4xx or CSE/EECS 5xx or CSE/EECS 6xx courses, or courses in other departments at the Rackham graduate level). Rackham approved courses are online at https://secure.rackham.umich.edu/academic_information/programs/

Comments:

1. Student must meet all Rackham requirements for the SUGS degree. Please refer to their information regarding their rules.
2. A maximum of 15 credit hours may be double counted or transferred for graduate credit, including a maximum of 9 credit hours double counted towards each of the two degrees and a maximum of 6 credit hours transferred from the undergraduate to graduate record. Courses cannot be split. Credit transferred could not be double counted towards the credits needed for the BS/BSE.
3. Each degree may be awarded upon completion of requirements for that degree. You should graduate with your BS(E) degree at the end of the term in which your degree requirements are met. You must complete the BS(E) degree prior to enrollment in the SUGS Masters Program.

APPLICATION DEADLINES

Fall term admission - PhD: December 15 / Masters: January 15
Winter term admission* (Masters only): October 1 - EECS undergraduates only

***NOTIFY csegradstaff@umich.edu VIA EMAIL AFTER SUBMITTING APPLICATION FOR WINTER TERM**

CONTACTS:

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