Computer Science, BS-MCS for the joint degree of Bachelor of Science in Computer Science and Master of Computer Science in Computer Science

The five-year B.S.-M.C.S. program in Computer Science combines two degrees: a B.S. in Computer Science with an M.C.S. in Computer Science. Current Computer Science students enrolled in The Grainger College of Engineering who maintain superior academic performance are eligible to apply for this program. Students admitted to the program will receive both degrees once all requirements for the 5-year B.S.-M.C.S. degree program have been successfully completed.

Admission

Current Computer Science students enrolled in The Grainger College of Engineering with two to four semesters (including Summer terms) left of their undergraduate study, after the application term, who maintain an excellent academic performance are eligible to apply for this program. Students admitted to this program will receive both degrees once all requirements for both degrees have been successfully completed. Transfer students entering the CS undergraduate program their junior year are also eligible to apply to this program.

Students provisionally admitted to the program:

are assigned a graduate academic advisor.

must maintain an overall GPA of 3.0 through completion of the B.S. component of the program to remain in the program.

may register for graduate courses and earn graduate credit hours, with approval from their graduate academic advisor, if they have 12 hours or less to complete in their FINAL semester of their undergraduate studies. Please note that students cannot transfer more than 12 credit hours of coursework over to their M.C.S. degree, which includes the shared coursework.

must earn at least 120 hours of undergraduate credit, 9 hours of graduate credit (this is the "Breadth Requirement"), and satisfy all B.S. requirements to be officially recommended for admission to the Graduate College.

Upon successful completion of the B.S. component (including grades of B- or better in the "Breadth Requirement"), and an overall GPA of at least 3.0 GPA, students:

will be officially admitted into the Graduate College.

will be issued letters of admission from the Graduate College Office of Admissions and the Department of Computer Science, at which time they will be considered graduate students and assessed graduate tuition the following semester. International students may be required to submit additional documentation at this time.

must continue to maintain a graduate GPA of 3.0 or better in order to remain in the combined program.

must complete the M.C.S. degree requirements remaining beyond the three shared Breadth Requirement courses within two consecutive semesters beginning with the semester they are admitted to the Graduate College (fall-spring, spring-summer, or spring-fall). Please note that if you finish your B.S. requirements in less than four years, you will not be given extra time to complete the M.C.S. degree requirements. You will just finish this joint program in less than 5-years.

Withdrawa

Students who do not complete all 5-Year B.S.- M.C.S. degree program requirements may request by petition to have graduate hours earned, including the Breadth Requirement coursework, converted to undergraduate hours and applied toward a traditional B.S. in Computer Science degree. Students reverted back to the B.S. degree program must earn the minimum number of hours and satisfy all degree requirements of whichever version of the B.S. curriculum appropriate. Graduate credit not used to fulfill the B.S. degree requirements will remain on the transcript and may, at some future point, be considered for transfer to another degree program.

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Incident description

The Illinois.edu website experienced a data breach. Over 5 thousand email addresses were exposed, together with credential data. Leaked records include password and password hash. The validity of the data exposed couldn't be verified. Yet we're still informing you about a potential data breach – but keep in mind there's a chance of it being a false positive.

No. of exposed accounts

Exposed data

Email Password Password hash

Students must fulfill their Language Other Than English required that by successfully completing a third level of a language other than English. See the corresponding section on the <u>Degree and General Education Requirements</u>.

Students use $3 \times (400$ -level) CS courses, taken as undergraduates and completing undergraduate requirements, to satisfy "Breadth Requirements" for the MCS. These three "shared" courses may be taken for 3 or 4 hours. To ensure that students have the minimum 120 undergraduate hours remaining when the "shared" courses are moved to the MCS, students should take an extra free elective hour for every 4-hour "shared" course. In this example, the student is using the minimum of three 3-credit hours Breadth area courses (9 total) as shared between the BS and MCS degrees.

Total Undergraduate Hours: 120 hours + 3 x (3 or 4 hours), counting toward both undergraduate requirements and graduate

"Breadth Requirements."

Total Graduate Hours: 23+9 (9 shared BS-MCS hours), must **equal** degree total minimum hours requirement listed on the degree's requirements page in the catalog.

First Year

FIRST SEMESTER

TIKST SEWIESTER	HOCKS SECOND SEIVESTER	HOURD
CS 100 (Optional or Free elective)	1 <u>CS 128</u>	3
<u>CS 124</u>	3 <u>CS 173</u>	3
MATH 221 (MATH 220 may be substituted)	4 <u>MATH 231</u>	3
ENG 100	1 General Education course	3
CS Science elective course	3 General Education course or Comp I	3
Comp I or General Education course	4	
	16	15

HOURS SECOND SEMESTER

HOURS SECOND SEMESTER

Second Year

FIRST SEMESTER

	16	17
General Education course	3 Free elective course	3
PHYS 211	4 <u>PHYS 212</u>	4
<u>MATH 241</u>	4 <u>MATH 257</u>	3
<u>CS 225</u>	4 <u>CS 361</u>	3
<u>CS 222</u>	1 <u>CS 233</u>	4

Third Voor

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FIRST SEMESTER	HOURS SECOND SEMESTER	HOURS	
<u>CS 210</u> or <u>211</u>	2 <u>CS 374</u>	4	
<u>CS 341</u>	4 CS Technical elective course	3	

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No. of exposed accounts

Email Password Password hash

Exposed data

HOURS

HOURS

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FIRST SEMESTER	HOURS SECOND SEMESTER	HOURS
CS 400-level (4th Breadth) course	4 CS 500-level(2nd Advanced) course	4
CS 400 or 500-level (additional elective) course	4 CS 500-level (3rd Advanced) course	4
CS 500-level (1st Advanced) course	4 CS 400-level (Additional elective) course	3
	12	11

Total Hours 152

First Year

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Computer Science website
Computer Science faculty
The Grainger College of Engineering