B.S.C.S. in Computer Science

Overview

Degree Requirements

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The academic regulations for this degree program, as entered in the University of Mississippi Catalog, are in effect for the current or selected academic year and semester. The University of Mississippi reserves the right to 1) change or withdraw courses; 2) change rules for registration, instruction, and graduation; and 3) change other regulations affecting the student body at any time.

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General Education

REQUIREMENT	HOURS	DESCRIPTION
First Year Writing I	3	Complete Hon 101, Writ 100 or Writ 101 with a passing grade.
First Year Writing II	3	Complete one of the following courses with a passing grade: Liba 102, Writ 102 or Hon 102.
Math 261	3	Complete Math 261 with a passing grade.
Math 262	3	Complete Math 262 with a passing grade.
Spch 102 or 105	3	Complete Spch 102 or Spch 105 with a passing grade.
3 hrs fine arts	3	Student must successfully complete 3 hours in the fine arts. The course may be chosen from art history, art appreciation, and criticism of art, dance, music, and theatre arts. Courses emphasizing the enhancement of skills and performance are not acceptable.
3 hrs fine arts/humanities	3	Complete 3 additional hours in any of the humanities or fine arts categories defined by the School of Engineering general education requirements.
3 hrs humanities	3	Complete 3 hrs of humanities choosing from course work in classics, literature, history, modern language, philosophy, religion, Southern studies, African American Studies, and Gender Studies.
3 hrs literature survey	3	Complete 3 hours of literature survey chosen from Engl 221, Engl 222, Engl 223, Engl 224, Engl 225, or Engl 226.
6 hrs social sciences	6	Complete 6 hours of social sciences choosing from the following; economics, anthropology, political science, psychology, and sociology.
8 hrs lab science	8	Complete 8 hours of laboratory science chosen from the following: CHEM 105, 106, 115, 116; PHYS 211, 212, 221, 222; or BISC 160, 161, 162, 163.

Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
Csci 111	3	Complete Csci 111 with a passing grade.
Csci 112	3	Complete Csci 112 with a passing grade.
Csci 211	3	Complete Csci 211 with a passing grade.
Csci 223	3	Complete Csci 223 with a passing grade.
Csci 300	1	Complete Csci 300 with a passing grade.
Csci 311	3	Complete Csci 311 with a passing grade.
Csci 387	3	Complete Csci 387 with passing grade
Csci 423	3	Complete Csci 423 with a passing grade.
Csci 433	3	Complete Csci 433 with a passing grade.
Csci 450	3	Complete Csci 450 with a passing grade.
Csci 487	3	Complete Csci 487 with a passing grade.
15 hrs 300+ level CSci electives	15	Complete 15 hours of computer science electives chosen from computer science courses at the 300 level and above.
School of Engineering GPA		Must be at least a 2.0.

Major Requirements II

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

REQUIREMENT	HOURS	DESCRIPTION
6 hrs Add'l science elective	6	Complete 6 credit hours of additional science electives chosen from the following Astro 103, 104- Chem 221, 222- Geol 101, 102, 103, 104, 105, 107 and 120 (not both 101 and 104)- Bio, Chem, Phys & Geo 300+ and any of our Lab Science not already taken.
El E 235	3	Complete El E 235 with a passing grade.
El E 236	1	Complete El E 236 with a passing grade.
Math 263 or 319	3	Complete either Math 263 or Math 319.
Math 301	3	Complete Math 301 with a passing grade.
Math 302 or 401	3	Complete Math 302 or Math 401 with a passing grade.
Math 375	3	Complete Math 375 with a passing grade.

Non-minor requirements

REQUIREMENT	HOURS	DESCRIPTION
18 hrs tech elective or minor	18	Complete either 18 hours of course work for an approved minor or other technical electives chosen in consultation with the academic advisor.

Emphasis - Data Science

REQUIREMENT	HOURS	DESCRIPTION
CSci 343	3	Complete CSci 343 with a a grade of C- or better.
CSci 443	3	Complete CSci 443 with a grade of C- or better.
CSci 475	3	Complete CSci 475 with a grade of C- or better.
6 add'l hrs of Data Science	6	Complete 6 add'l hours of data science courses chosen from: CSci 345, 444, 492, 517, or CSci 543 with a grade of C- or better.

Emphasis - Computer Security

REQUIREMENT	HOURS	DESCRIPTION
CSci 325	3	Complete CSci 325 with a grade of C- or better.
CSci 361	3	Complete CSci 361 with a grade of C- or better.
CSci 426	3	Complete CSci 426 with a grade of C- or better.
CSci 427	3	Complete CSci 427 with a grade of C- or better.
3 add'l hrs of Computer Security	3	Complete 3 add'l hours of computer security courses with a greade of C- or better chosen from: CSci 323, 475, 491, 523 or CSci 561.

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