

# **B.S.Cp.E.** in Computer Engineering

**Overview** 

**Degree Requirements** 

## **Degree Requirements**

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.

## **B.S.Cp.E.** in Computer Engineering

#### General Education

workshop courses cannot be used to satisfy this requirement. Courses that satisfy this requirement are any Art Hi (AH); Liba 130, 204, 314; Mus 101, 102, 103, 104, 105; Danc 200; Thea 201, 202.  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 education requirements.  3 hrs humanities  3 Courses may be chosen from African American studies (AAS 201, 202); classical civilization (Clc); environmental (Envs 101); gender studies (G St 201, 202); history (Hst); Liba 202, 312, 305; literature (Eng 103, 220-226); philosometric (Phil); religion (Rel); Southern studies 100 level; or Hon 101, 102 (if not being used to fulfill composition requirement Additionally, students of the School of Engineering may count up to 3 credit hours of a language course (modern or Latin) with a grade of C or better to fulfill a humanities requirement. The course will be entered upon request in student's degree audit as an approved substitute.  3 hrs social sciences  3 Successfully complete 3 hrs of social science with a passing grade chosen from anthropology (Anth), economics political science (Pol), psychology (Psy), sociology (Soc), Liba 203, 313, or Hon 101, 102  3 hrs gen ed or SS/H/FA  3 Successfully complete 3 hrs General Education work with a passing grade chosen from the following: additional fit	REQUIREMENT	HOURS	DESCRIPTION
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Math 2613Complete Math 261 with a passing grade.Math 2623Complete Math 262 with a passing grade.Math 2633Complete Math 263 with a passing grade.Math 2643Complete Math 264 with a passing grade.Math 3533Complete Math 353 with a passing grade.Chem 1053Complete Chem 105 with a passing grade.Chem 1151Complete Chem 115 with a passing grade.Phys 2113Complete Phys 211 with a passing grade.Phys 2123Complete Phys 212 with a passing grade.	3 hrs gen ed or SS/H/FA	3	Successfully complete 3 hrs General Education work with a passing grade chosen from the following: additional fine art, additional social science, additional humanities, <u>As 301</u> , <u>As 302</u> , <u>Bus 250</u> , <u>Bus 271</u> , <u>EdId 110</u> , <u>EdId 111</u> , <u>EdId 120</u> , <u>EdId 220</u> , <u>Engr 400</u> , <u>Mgmt 371</u> ,
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Phys 221 1 Complete Phys 221 with a passing grade.	Phys 212	3	Complete Phys 212 with a passing grade.
	Phys 221	1	Complete Phys 221 with a passing grade.
Phys 222 1 Complete Phys 222 with a passing grade.	Phys 222	1	Complete Phys 222 with a passing grade.

#### **Major Requirements**

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REQUIREMENT	HOURS	DESCRIPTION		
<u>Cp E 431</u>	3	Complete Cp E 431 with a passing grade.		
<u>Cp E 461</u>	1	Complete Cp E 461 with a passing grade.		
<u>Cp E 462</u>	3	Complete Cp E 462 with a passing grade.		
<u>CSci 256</u>	3	Complete CSci 256 with a passing grade.		
<u>CSci 356</u>	3	Complete CSci 356 with a passing grade.		

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
<u>CSci 423</u>	3	Complete CSci 423 with a passing grade.
CSci 433	3	Complete CSci 433 with a passing grade.
ECE 361	1	Complete ECE 361 with a passing grade.
EI E 235	3	Complete EI E 235 with a passing grade.
EI E 236	1	Complete EI E 236 with a passing grade.
EI E 237	1	Complete El E 237 with a passing grade.
EI E 322	1	Complete EI E 322 with a passing grade.
EI E 331	3	Complete EI E 331 with a passing grade.
EI E 351	3	Complete El E 351 with a passing grade.
EI E 352	3	Complete EI E 352 with a passing grade.
EI E 353	1	Complete EI E 353 with a passing grade.
EI E 385	3	Complete EI E 385 with a passing grade.
El E 386	1	Complete El E 386 with a passing grade.
El E 425	3	Complete El E 425 with a passing grade.
EI E 485	2	Complete El E 485 with a passing grade.
EI E 486	1	Complete El E 486 with a passing grade.
Engr 310	3	Complete Engr 310 with a passing grade.
Engr 360	3	Complete Engr 360 with a passing grade.
Engr 361	1	Complete Engr 361 with a passing grade.
Math 301	3	Complete Math 301 with a passing grade.

**Standard Option** 

Startage a Start				
REQUIREMENT	HOURS	DESCRIPTION		
EI E 100	1	Complete EI E 100 with a passing grade.		
3 hrs Tech Elective I	3	Complete EI E 391, 431, or 586 with a passing grade.		
9 hrs Tech Elect II	9	Complete 9 hours chosen from EI E 482, EI E 536 Cp E 421, or Cp E 432.		
6 hrs Tech Electives III	6	Complete 6 hrs chosen from El E 340, 447, 453, 533, 534, 535, or other courses from Technical Elective I, II not already completed or a maximum of 3 hours of CSci at 300 level or above.		

**Emphasis - Manufacturing** 

REQUIREMENT	HOURS	DESCRIPTION
Manf 150	1	Complete Manf 150 with a passing grade.
Manf 152	1	Complete Manf 152 with a passing grade.
Manf 251	3	Complete Manf 251 with a passing grade.
Manf 252	1	Complete Manf 252 with a passing grade.
Manf 253	3	Complete Manf 253 with a passing grade.
Manf 255	1	Complete Manf 255 with a passing grade.
Manf 351	1	Complete Manf 351 with a passing grade.
Manf 353	3	Complete Manf 353 with a passing grade.
Manf 355	1	Complete Manf 355 with a passing grade.
Manf 455	3	Complete Manf 455 with a passing grade.
9 hrs tech electives II	9	Complete 9 hrs of technical electives chosen from EI E 482, Cp E 421, and Cp E 432 with a passing grade.

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