

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

| 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 Writ 102 , Liba 102 , or Hon 102 with a passing grade: |
| 3 hrs fine arts | 3 | Complete 3 hrs of fine arts with a passing grade chosen from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement. Courses that satisfy this requirement are any Art History (AH); Liba 130 , 204 , 314 ; Mus 101 , 102 , 103 , 104 , 105 ; Danc 200 ; Thea 201 , 202 . |
| 3 hrs humanities | 3 | Successfully complete 3 hrs of humanities with a passing grade chosen from the following: African American studies (Aas 201 , 202), classics (Clc), environmental studies (Envs 101), gender studies (G St 201 , 202), history (Hst), liberal arts (Liba 202 , 305 , 312), literature (Eng 103 , 220-226), philosophy (Phil), religion (Rel), Southern studies 100-level, and either Hon 101 or 102 (if not being used to fulfill composition requirements). |
| 3 hrs social sciences | 3 | Successfully complete 3 hrs of social science with a passing grade chosen from anthropology (Anth), economics (Econ), political science (Pol), psychology (Psy), sociology (Soc), Liba 203 , 313 , or Hon 101 , 102 |
| Econ 310 | 3 | Complete Econ 310 with a passing grade. |
| 3 hrs FA/Lang/Hum | 3 | Successfully complete 3 hrs of Fine Arts, Humanities, or Modern language with a passing grade. Modern Language include courses in courses in Ancient Greek (Gr), Arabic (Arab) nd Swahili (Swa). (Japn), Korean (Kor), Latin (Lat), Portuguese (Port), Russian (Russ), Spanish |
| 3 hrs gen ed, lang, or SS/H/FA | 3 | Complete 3 additional hours with a passing grade of humanities, languages (modern, Greek, or Latin), social science, or a general education course as defined by the School of Engineering |

General Education II

| REQUIREMENT | HOURS | DESCRIPTION |
|--------------------------|-------|---|
| Math 261 | 3 | Complete Math 261 with a passing grade. |
| Math 262 | 3 | Complete Math 262 with a passing grade. |
| Math 263 | 3 | Complete Math 263 with a passing grade. |
| Math 264 | 3 | Complete Math 264 with a passing grade. |
| Math 353 | 3 | Complete Math 353 with a passing grade. |
| Chem 105 | 3 | Complete Chem 105 with a passing grade. |
| Chem 115 | 1 | Complete Chem 115 with a passing grade. |
| Phys 211 | 3 | Complete Phys 211 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. |

Major Requirements

| REQUIREMENT | HOURS | DESCRIPTION |
|--------------------------|-------|---|
| Cp E 431 | 3 | Complete Cp E 431 with a passing grade. |
| Cp E 461 | 1 | Complete Cp E 461 with a passing grade. |
| Cp E 462 | 3 | Complete Cp E 462 with a passing grade. |
| CSci 256 | 3 | Complete CSci 256 with a passing grade. |



| REQUIREMENT | HOURS | DESCRIPTION |
|--------------------------|-------|---|
| CSci 356 | 3 | Complete CSci 356 with a passing grade. |
| CSci 423 | 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 EI 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 EI 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. |
| EI E 386 | 1 | Complete EI E 386 with a passing grade. |
| EI E 425 | 3 | Complete EI E 425 with a passing grade. |
| EI E 485 | 2 | Complete EI E 485 with a passing grade. |
| EI E 486 | 1 | Complete EI 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

| 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 EI E 341 , 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. |



| REQUIREMENT | HOURS | DESCRIPTION |
|-------------------------|-------|--|
| 9 hrs tech electives II | 9 | Complete 9 hrs of technical electives chosen from El E 482 , Cp E 421 , and Cp E 432 with a passing grade. |

