

INDUSTRIAL ENGINEERING TECHNOLOGY BS

Degree Plan (IET ET BS)

GENERAL EDUCATION CURRICULUM

GEC 01. Written Communication (6 hours)

- 01. ENG 101
- 02. ENG 102

GEC 02. Natural Science and Mathematics (11 hours minimum)

Science Requirement (8 hours minimum)

- 01. Select 2 courses with labs:

- AST 111/L
- AST 112/L
- BSC 103/L◇
- BSC 110/L◇
- BSC 111/L◇
- BSC 250/L◇
- BSC 251/L◇
- CHE 104/L
- CHE 106/L
- CHE 107/L
- GHY 104/L
- GHY 105/L
- GLY 101/L
- GLY 103/L
- MAR 151/L
- PHY 103/L
- PHY 111/L*
- PHY 112/L*
- PHY 201/L*
- PHY 202/L*
- PSC 190/L

Mathematics Requirement (3 hours)

- 02. MAT 100***
- MAT 101*
- Higher-level MAT course*

GEC 03. Humanities (9 hours)

- 01. ENG 203
- 02. Select 2 courses, 1 History required
- HIS 101 or HIS 201
- HIS 102 or HIS 202
- PHI 151
- PHI 171
- REL 131

GEC 04. Aesthetic Values (3 hours)

- 01. Select 1 course:
- ART 130
- DAN 130
- MUS 165
- THE 100

GEC 05. Social and Behavioral Sciences (6 hours)

- 01. Select 2 courses:
- ANT 101
- COH 100
- ECO 101
- GHY 101
- PS 101
- PSY 110
- SOC 101

GEC 06. Computer Competency Requirement (Major Area)

- 01. IET 400 (Capstone)

GEC 07. Writing-Intensive Requirement (Major Area)

- 01. ENG 333 (WI)
- ENG 101 & ENG 102 prerequisites*

GEC 08. Speaking-Intensive Requirement (3 hours)

- 01. Select 1 course:
- CMS 111 (SI) or CMS 330 (SI) or CMS 320 (SI)

GEC 09. Capstone Requirement (Major Area)

- 01. IET 400 (Capstone)
- Must be taken Senior Year; ENG 101 & ENG 102 prerequisites*

*This course satisfies both the GEC requirement and a program requirement for this major.

**This GEC course is recommended by this major.

***This course does not satisfy prerequisites for any other math course.

◇ GEC restrictions apply; see page XXX.

GEC 06 - GEC 09 courses are specific to the major.

For full description of the GEC, see page XXX.

PROGRAM CURRICULUM

DEG 01. Major Area of Study Requirements (51 hours)

- 01. AEC 132
- 02. AEC 270
- 03. AEC 316
- 04. AEC 320
- 05. AEC 390
- 06. IET 302
- 07. IET 350
- 08. IET 370
- 09. IET 400 (Capstone)
- 10. IET 405
- 11. IET 406
- 12. IET 409
- 13. IET 410
- 14. IET 413
- 15. IET 414
- 16. IET 472
- 17. IET 480

DEG 02. Additional Requirements (24 - 37 hours)

- 01. Select 2 courses with labs:
- PHY 111/L* and PHY 112/L*
- PHY 201/L* and PHY 202/L*
- 02. Select 1 option:
- MAT 101*
- Technical Elective*****
- 03. MAT 103* or Technical Elective*****
- 04. MAT 167*/*****
- 05. MAT 168
- 06. Select 1 course:
- CSS 211 or PSY 360
- 07. Select 1 course:
- CSS 240 or CSS 330 or CSS 333
- 08. MGT 300
- 09. MGT 325
- 10. MGT 364
- 11. Select approved technical electives
- 01. Choose approved technical electives as needed with adviser's approval. (See Hours to degree below.)
- ◆ Calculus is required for this major. Students may enter MAT 167 directly if Math ACT sub score is 26 or higher. If Math ACT sub score is less than 24, MAT 101 and MAT 103 must be completed

HOURS TO DEGREE

124 hours are needed to graduate with a BS in Industrial Engineering Technology. At least 50 percent of the hours applied to a degree at The University of Southern Mississippi must be earned from a senior college, and 45 of these hours must be in courses numbered 300 or above. The last 25 percent of course work must be earned from Southern Miss. The student must earn at least 12 hours in the major area of study from Southern Miss.