

YEAR 1
SEMESTER 1 18 CREDITS

MAT 301	Calculus I ¹ 4 CREDITS
CHE 201	College Chemistry I ² 4 CREDITS
ENG 101	English Composition 3 CREDITS
XXX xxx	World Cultures & Global Issues ³ 3 CREDITS
SCI 120	Computer Methods in Science 4 CREDITS

SEMESTER 2 17 CREDITS

ENG 201	Introduction to Literature 3 CREDITS
MAT 302	Calculus II ⁵ 4 CREDITS
PHY 215	University Physics I ⁶ 4 CREDITS
CHE 202	College Chemistry II ⁷ 4 CREDITS
ESC 113	Computer Aided Analysis for Engineering ⁸ 2 CREDITS

YEAR 2
SEMESTER 3 14 CREDITS

MAT 303	Calculus III ⁹ 4 CREDITS
PHY 225	University Physics II ¹⁰ 4 CREDITS
XXX xxx	Curriculum Elective ¹¹ 5 CREDITS
ESC 111	Elements of Engineering Design ¹² 1 CREDIT

SEMESTER 4 16 CREDITS

MAT 501	Ordinary Differential Equations ¹³ 3 CREDITS
SPE 100	Fundamentals of Speech ⁴ 3 CREDITS
XXX xxx	Curriculum Elective ¹¹ 4 CREDITS
XXX xxx	Individual & Society ³ 3 CREDITS
XXX xxx	U.S. Experiences in Its Diversity ³ 3 CREDITS

TOTAL: 65 CREDITS¹⁴

FOOTNOTES

- ¹ Students must be exempt from MAT 206 or MAT 206.5 in order to take MAT301.
- ² Students must be exempt from MAT 56 or MAT 56.5 in order to take CHE 201.
- ³ Please consult with an academic or faculty advisor.
- ⁴ SPE 102 is an option for non-native speakers of English.
- ⁵ MAT 301 must be passed in order to take MAT 302.
- ⁶ PHY 215 has a corequisite of MAT 302.
- ⁷ CHE 201 must be passed in order to take CHE 202.
- ⁸ ESC 113 has a corequisite of CHE 202.
- ⁹ MAT 302 must be passed in order to take MAT 303.
- ¹⁰ PHY 215 must be passed in order to take PHY 225.
- ¹¹ A total of 9 credits is required. Choose from CHE 230, CHE 240, ESC 130, ESC 131, ESC 201, ESC 202, ESC 211, ESC 221, ESC 223, GLY 210, MAT 315, or PHY 240.
- ¹² MAT 206 and CHE 201 must be passed in order to take ESC 111.
- ¹³ MAT 302 must be passed in order to take MAT 501.
- ¹⁴ A Writing Intensive course is needed to graduate.