

Chemical Engineering Track

Related Areas:

Electrical Engineering, Environmental Engineering, Mechanical Engineering, Electrical Engineering Technology, Mechanical Engineering Technology

- This program is for students who want to receive their engineering education at an institute that is closely affiliated with hometown industries. It also provides a personalized learning environment to ensure greater success in the future.

(*See Note: Developmental Studies, COL 103 & EGR 102)

First Semester - Fall

| | | | |
|-----|-----|--------------------------------------|-----|
| CHM | 110 | College Chemistry I* | 4.0 |
| EGR | 269 | Engineering Disciplines and Skills | 2.0 |
| ENG | 101 | English Composition I* | 3.0 |
| MAT | 140 | Analytical Geometry & Calculus I* | 4.0 |
| | | Humanities/Social Science Elective** | 3.0 |

Second Semester - Spring

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|-----|-----|------------------------------------|-----|
| CHM | 111 | College Chemistry II* | 4.0 |
| EGR | 270 | Introduction to Engineering | 3.0 |
| MAT | 141 | Analytical Geometry & Calculus II* | 4.0 |
| PHY | 221 | University Physics I* | 4.0 |

Third Semester - Summer

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|-----|-----|---|-----|
| ENG | 102 | English Composition II* | 3.0 |
| EGR | 275 | Introduction to Engineering/Computer Graphics | 3.0 |
| PHY | 222 | University Physics II* | 4.0 |

Fourth Semester - Fall

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|-----|-----|--|-----|
| CHM | 211 | Organic Chemistry I* | 4.0 |
| ECE | 221 | Introduction to Electrical Engineering I | 3.0 |
| MAT | 240 | Analytical Geometry & Calculus III* | 4.0 |
| SPC | 205 | Public Speaking*+ | 3.0 |
| | | Humanities/Social Science Elective** | 3.0 |

Fifth Semester - Spring

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|-----|-----|-------------------------------|-----|
| CHM | 212 | Organic Chemistry II* | 4.0 |
| MAT | 242 | Differential Equations | 4.0 |
| | | Two Humanities/Social Science | 3.0 |
| | | Electives** | 3.0 |

* General education course

+ Clemson no longer requires public speaking for Chemical Engineering majors

NOTE: The course schedule listed above is designed for students who begin the program with ENG 101 and MAT 140 based on the placement test. Students that are taking pre-requisite courses for MAT 140 should also take the following courses: COL 103 for students taking MAT 100 and/or EGR 102 for students who are taking MAT 105.

NOTE: See General Education course listing in this catalog for courses marked that are acceptable to transfer as Humanities or Social Science electives to Clemson. Note that engineering majors at Clemson require at least one of the Humanities/Social Science electives to be a literature course; one Humanities course that meets Cultural Awareness understanding; and one Social Science course that meets Science and Technology in Society awareness. Since requirements can change at other institutions at any time, it is advised for students to get in touch with the department head of the program you wish to transfer into to ensure you are meeting the correct requirements for entrance into that program.

NOTE: Please contact program advisor for recommended evening schedules.