| Name: | | OU ID: | | Enrollment Date & Time: | | | |
|---|--|---|---|--|---|---|---|
| | This flowchart is not an official check she grade of C or better is required in eac | Summ leet of degree requirements. It is | ner 2025 through Spring 20 is meant to be used as a supple | | 26 along with the official University | | |
| FRESHMAN | | SOPHOMORE | | JUNIOR | | SENIOR | |
| Fall 15 Hours | Spring 16 Hours | Fall 18 Hours | Spring 16 Hours | Fall 15 Hours | Spring 14 Hours | Fall 17 Hours | Spring 15 Hours |
| MATH 1914 Calculus I | MATH 2924 Calculus II | MATH 2934 Calculus III | MATH 3113 Differential Equations Prereq: MATH 2924 or 2423 | Approved Elective Social Science | Approved Elective Western Culture | P SC 1113 American Federal Government | Approved Elective World Culture |
| | or MATH 2423 | or MATH 2443 | | | | | |
| ENGR 1413 Engineering Thinking Orientation (Core V FYE) | PHYS 2514 General Physics for Engr & Science Majors | PHYS 2524 General Physics for Engr & Science Majors | CH E 3113 Momentum, Heat, & Mass Transfer I | CH E 3473 Chemical Engineering Thermodynamics Add'l Prereq: MATH 2934/2443 | CH E 3432 Unit Operations Lab | CH E 4262 Chem. Engr. Design Lab I | CH E 3313 Structure & Prop. of Materials Prereq: CH E 3123 |
| | | | | | | | |
| ENGL 1113 English Composition | ENGL 1213 or EXPO 1213 English Comp or Expository Writing | CH E 2033 Chem. Engr Fundamentals Add'l Prereq: MATH 1914 or 1823 | CH E 2003 Intro. to CH E Computing | CH E 3123 Momentum, Heat & Mass Transfer II Add'l Prereq: MATH 3113 | CH E 3333 Separation Processes | CH E 4253 Process Design & Safety | CH E 4273 Advanced Process Design |
| | | | CHEM 3423 Physical Chemistry I Additional Co-req: MATH 2924 or 2423 | CH E 3723 Numerical Methods for Engr. Comp. Add'l Prereq: MATH 3113 | CH E 4473 Kinetics | CH E 4153 Process Dynamics & Control | |
| CHEM 1315 or CHEM 1335 General Chemistry Prereq: MATH 1503 | CHEM 1435 or CHEM 1415 or CHEM 1425 (H) General Chemistry | CHEM 3053 Organic Chemistry I | CHEM 3152 Organic Chemistry Lab | HIST 1483 or 1493 U.S. History | Bioengineering Core 3-hour Elective | Chemical Engr Technical Elective I | Chemical Engr Technical Elective III |
| | | BIOL 1124 Intro to Biology: Molecule/Cell/Phys | ENGR 2002 Professional Skills Prereq: ENGL/EXPO 1213 & ENGR 1413/3511 | | | Chemical Engr Technical Elective II | Approved Elective Artistic Forms |
| Key and Importa | ant Notes | these Gen. Ed. courses must b | ENGR 1413/3511 be 3000-4000 level. | HS History Deficiency Prerequisite | Technical Electives fro | m approved list (one must be | CH E course) |