B.S. Industrial and Systems Engineering: Industrial Concentration 2022-2023 Flowchart

Year 1

Fall

- Core A1 ENGL 1101 English Composition I (3)
- Core D2 CHEM 1211 & 1211L Principles of Chemistry I & Lab (MATH 1113. co-req) (3+1)
- ISYE 1000 Intro to ISYE (3)
- Core A2 MATH 1190 Calculus I (MATH 1113 pre-req.) (4)

Spring

- Core A1 ENGL 1102 English Composition II (3)
- Core B2 Cultural Perspectives (3)

Year 2

Fall

- CSE 1321 & 1321L (C++) Programming and Problem Solving I and Lab (3+1)
- ISYE 2600 Probability and Statistics I (3)

Spring

- Core B1 ECON 1000 Contemporary Econ. Issues (2)
- ISYE 3150 Design & Improvement of Quality Processes (3)
- MATH 3260 Linear Algebra I (3)
- Core E2 U.S. History (3)

Year 3

Fall

- Core C1 Literature of the World (pre-reqs vary) (3)

Spring

Year 4

Fall

- ENGR 3250 Project Management for Engineers (3)
- ISYE 4500
- ISYE Technical Elective (pre-reqs. vary) (4)

Spring

- Core E3 World History (3)
- Core C2 Arts & Culture of the World (3)
- ISYE Technical Elective (pre-reqs. vary) (3)