## Student Information

Name: $\qquad$ OSU ID: OSU Admit Term:

Phone: $\qquad$ Email (name.number@osu.edu):

## Suggested Curriculum

This should be used as a guide only. Semester offerings are subject to change.

| Year | Autumn | Spring |
| :---: | :---: | :---: |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |

Total Hours to complete the degree program = 127

## Program Options

${ }^{1}$ Choose one of the following: ANATOMY 2220, 2300, 3300, ANTHROP 2200, BIOLOGY 1113, 1114, 2100, CHEM 1210, 1250, EARTHSC 1911, 2155, 2203, 2204, 3203, ENR 2155, 3280, EEOB 2510, 2520, GEOG 2200, 3300, PHYSICS 3700

All students must satisfy a 32 credit hour minimum for math and basic sciences. Students with high math or science placements and transfer students without credit for lower courses should consult with an ISE academic advisor to ensure this minimum is met. Such students may be required to take additional approved coursework to meet graduation requirements.

## Acceptance Criteria

Acceptance into this program is based on the eligibility point hour ratio (EPHR) of Math 1151, 1172; Engineering 1181; English 1110; Physics 1250, 1251; and CSE 1223. The following additional classes must be completed before applying to the major, but are not included in the EPHR calculation: ENGR 1100 and ENGR 1182.01. Additionally, Math 2568 and Statistics 3470 must be completed or in progress during the term the student applies. Acceptance into ISE requires a C or better in Math 2568, STAT 3470, CSE 1223, and ENGLISH 1110. The application review includes assessment of grades (including transfer grades) in the courses listed above, along with a complete review of each student's full academic record and personal statement. Applications are accepted during autumn and spring terms.

## Technical and Other Electives

${ }^{2}$ The ISE program includes 15 semester hours of technical electives from a specific track. These tracks are designed to provide depth within an area of ISE that is of particular interest to each student and include the following options: Supply Chain Management \& Logistics, Data Analytics \& Optimization, Management Systems \& Operations Research, Human Systems Integration \& Design, and Manufacturing. The Supply Chain Management \& Logistics and Data Analytics \& Optimization tracks require a separate application for admission.

## General Education Requirement

Writing and Communication<br>English 1110.xx 3 hr<br>Second Writing Course: recommend ENR 2367, COMM 2367, NURSING 2367 or COMPSTD 2367.043 hr

## Social Science

Only one course per Social Science group may count.

| 3 hr |
| ---: |
| 3 hr |

## Literature

3 hr

## Visual and Performing Arts

Historical Study $\quad 3 \mathrm{hr}$

## Second Historical Study or Cultures and Ideas

3 hr

## Social Diversity in the U.S. or Global Diversity

Some courses may overlap with another GE category, See course list.
$0 / 3 \mathrm{hr}$

## Ethics

Some courses may overlap with another GE category, See course list
$0 / 3 \mathrm{hr}$

## Foreign Language

Pre-approved substitutions
A. Credit (including EM) for a foreign language sequence through 1103, or credit for a foreign language course with a prerequisite of 1103, can be substituted for one Gen Ed course requirement as a Cultures \& Ideas.
B. Completion of a foreign language minor can be substituted for two Gen Ed courses: one course as a Social Science, (Individuals \& Groups or Organizations \& Polities subgroups only) and one course as either a Literature or a Cultures \& Ideas.

Parameters: Students must choose either Substitution A OR Substitution B. Both substitutions cannot be applied simultaneously.

## University Capstone (Cross-Disciplinary Seminar)

Pre-approved substitutions
Completion of a Social Science 3597 or 4597 can be substituted for a Social Science general education course in any group. Completion of an Arts \& Humanities 3597 or 4597 can be substituted for a Visual/Performing Arts general education course.

See the list of approved general education courses for additional details: www.advising.engineering.osu.edu.

