# B.S. in Manufacturing Engineering

## Suggested 4-Year Academic Flowchart

### Notes:

Most general education courses can be taken in any order as long as prerequisites are met.

** Refer to current catalog for prerequisites.

** One course from each of the following GE areas must be completed: A1, A2, C1, C2, Lower-Division C, Upper-Division C, D1, Area D Elective, E, and F. Upper-Division C should be taken only after Junior standing is reached (90 units).

Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR).

USCP requirement can be satisfied by some (but not all) courses within GE categories: C1, Upper-Division C, D1, D2, Upper-Division D, or E.

*** 13 units of Technical Electives required. Select from Category A (8-13 units) & B (0-5 units). See catalog for course options. Consultation with advisor recommended prior to selecting courses. Courses may not be used to satisfy other major, support, or general education requirements (no double counting of coursework).

† Course can be taken previously or concurrently.

1 ENGR 459, 460, 461 (6 units) or ENGR 463, 464, 465 (6) may substitute for IME 481, 482, 483 (6).

2 ENGR 463, 464, 465 (6 units) or ENGR 463, 464, 465 (6) may substitute for IME 481, 482, 483 (6).

## Legend:

- **Course Title**
- **Course # (Units)**
- **Major (74)**
- **Support (78)**
- **General Ed. (40)**

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