## ME 320 First Plan-AY 20-21

## Bachelor of Science in Mechanical Engineering <br> Suggested 4 Year Course Plan



Shaded Area $=$ Core Admission Requirements
ME 491 \& 492 fulfill UNST Capstone

Transfer students with more then 30 credits must complete WR 121 and COMM 220 instead of FRINQ

Students may substitute Physics 221-223
for Physics 211-213 if completed prior to Fall 2018

Refer to the PSU Bulletin for General Education Requirements
${ }^{1}$ Approved Science Elective: Any course from Biology, Environmental Science \& Management, Chemistry, Geology or Physics not explicitly listed as a degree requirement or Upper Division Cluster course (CH 104-106, PH 201-203, PH 221-223 are also excluded)
${ }^{2}$ At least one of the following: UNST 220, UNST 222 (preferred), UNST 239

# General Education Requirements Undergraduate Engineering Programs 

There are two (2) separate sets of general education requirements:

- University Requirements
- Maseeh College of Engineering and Computer Science (MCECS) Requirements

You must satisfy BOTH sets of requirements.

## University Requirements

A. Freshmen entering with 29 or fewer prior university/college credits must complete all University Studies Requirements, including freshman and sophomore inquiry sequences and upper division cluster courses
B. Continuing and transfer students with 30-89 prior university/college credits must complete the following program:

- Sophomore Inquiry: 30-59 credits, three courses; 60-74 credits, two courses; 75-89 credits, one course. The upper division cluster must be linked with one of these Sophomore Inquiry courses.
- Upper Division Cluster: three courses
C. Continuing and transfer students with 90 or more prior university/college credits must complete the following program:
- University Studies requirements beginning with Upper Division Cluster Courses (it is strongly recommended that students also take the single Sophomore Inquiry courses that is linked to the chosen Upper Division Cluster)
D. Continuing and transfer students with 135 or more prior university/college credits are not required to complete the Upper Division Cluster*


## Placement For Transfer Students

| Credits <br> Transferred | University Studies <br> Placement |
| :--- | :--- |
| $0-29$ Credits | Freshman Inquiry |
| $30-59$ Credits | 3 Sophomore Inquiries |
| $60-74$ Credits | 2 Sophomore Inquiries |
| $75-89$ Credits | 1 Sophomore Inquiries |
| $90-134$ | Upper Division Cluster |
| $135+$ credits* | NA* |

*Only applicable to students admitted to PSU Fall 2020 or later. Students admitted Summer 2020 or earlier who have completed $135+$ credits will still be required to complete the Upper Division Cluster.

## Maseeh College of Engineering and Computer Science General Education Requirements

A. Transfer students must complete a minimum of 27 credits of University Studies courses and/or Arts and Letters/Social Science courses at either their previous college or PSU in additional to the 12 credits of required upper division cluster courses that must be taken at PSU
B. Transfer students who have not taken Freshman Inquiry must have completed:

- For Computer, Electrical, and Mechanical: WR 121 and COMM 220 or equivalent course
- For Civil and Environmental: WR 121, WR 227, and COMM 100 or 220 (recommended)
C. Mechanical Engineering students must complete BA 306 Ussentials of Finance or EC 314 U Public \& Private Investment Analysis
- Students may use BA 306U as a University Studies course in the following cluster:
- Design Thinking/Innovation/Entrepreneurship
- Students may use EC 314 U as a University Studies course in the following clusters:
- Community Studies
- Design Thinking/Innovation/Entrepreneurship
- Knowledge, Values and Rationality

Students should consult with their academic advisor regarding these requirements.

