

**BOSTON UNIVERSITY COLLEGE OF ENGINEERING**  
**Undergraduate Program Planning Sheet**

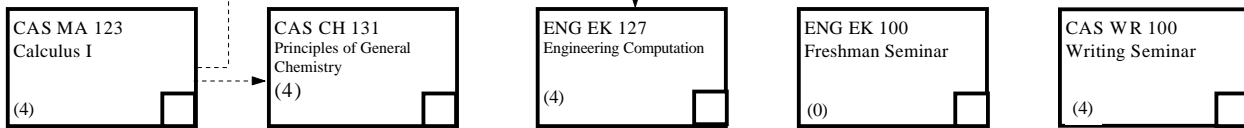
NAME: \_\_\_\_\_

B.U.I.D.#     U    

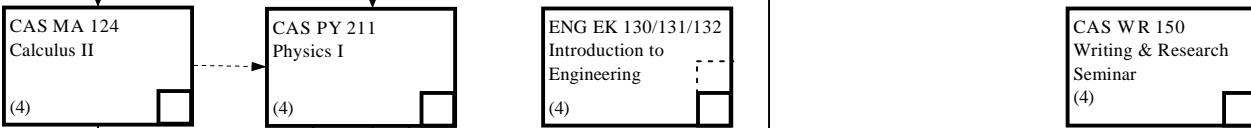
MAJOR: **MECHANICAL ENGINEERING 2010**

DATE: \_\_\_\_\_

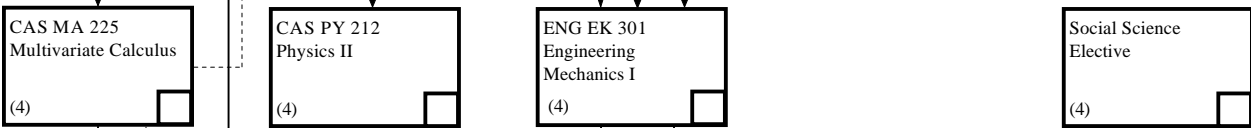
FRESHMAN 1



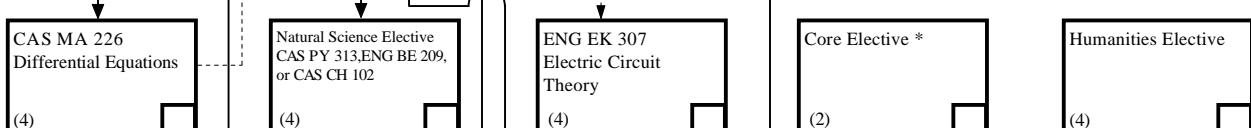
FRESHMAN 2



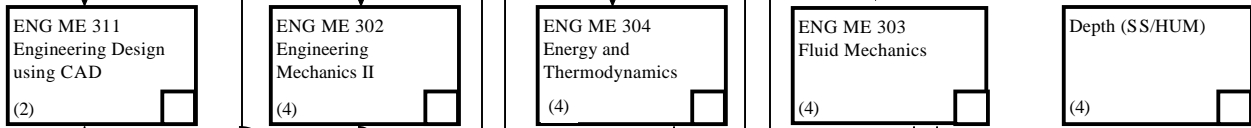
SOPHOMORE 1



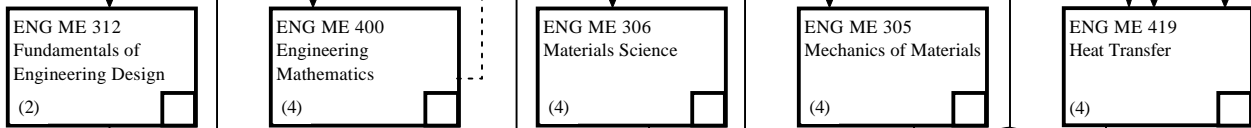
SOPHOMORE 2



JUNIOR 1



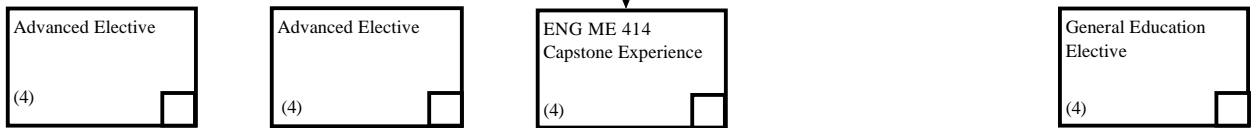
JUNIOR 2



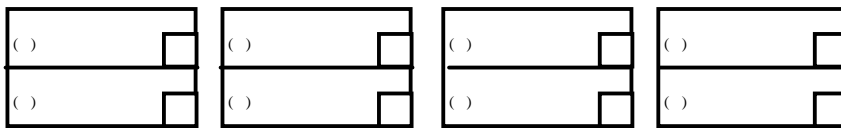
SENIOR 1



SENIOR 2



Extra Courses



Prereq.= —  
 Coreq.= - - - -

- GRADUATION REQUIREMENT: 134 credits**
- Residency Requirement: 48 credits/Upper Division Program Courses at Boston University within 5 years preceding graduation.**

\* See back of Jr/Sr Program Planning Sheet for course options

**General Education Requirements Checklist**

- 1. CAS WR 100
- 2. CAS WR 150
- 3. 2-course depth in HUM or SS
- 4. 1 course HUM or SS (in other than Depth)
- 5. 1 course General Education Elective
- 6. Total of at least 24 credits

# MECHANICAL ENGINEERING

## **Advanced Electives** (see *Notes* below)

*These electives are intended to provide additional depth or breadth in either mechanical engineering or another advanced-level technical or professional subject.*

Acceptable courses include all **300 level or above ME and EK courses**. Additionally other 300 level or above Engineering, Mathematics and Natural Science courses may be acceptable by petition, as long as there is not significant overlap with other courses being used for the degree - see *Notes* below.

## **Core Electives** (see *Notes* below)

*Recommended 2 cr courses:*

ENG ME 201 Intro to Aircraft Performance.  
ENG ME 202 Intro to Spacecraft Performance  
ENG EK 102 Intro to Linear Algebra for Engineers  
ENG EK 156 Design and Manufacture  
ENG BE 200 Introduction to Probability  
CAS MA 142 Intro to Linear Algebra

*Other acceptable Core Elective courses:*

**Engineering** courses at the 100 level or higher, except ENG EK 280

**Natural Science** courses listed under the Natural Science requirement that exceed the minimum requirements for the student's degree program.

**Mathematics** courses not used to satisfy the mathematics requirement that have CAS MA 123 as a prerequisite.

The following Navy **ROTC** courses:

OTP NS 102, OTP NS 201, OTP NS 301, and OTP NS 302

## **Notes:**

***For the following sets of courses, only one course can be taken for credit due to overlap of material:***

- [1] ENG ME 307 and ENG ME 309 and ENG BE 420
- [2] ENG ME 403 and ENG ME 404 and ENG BE 402 and ENG EC 402
- [3] ENG ME 303 and ENG BE 436
- [4] ENG ME 441 and ENG ME 515
- [5] ENG ME 501 and ENG EC 501
- [6] ENG EK 102 and CAS MA 142 and CAS MA 242
- [7] ENG ME 304 and ENG EK 424
- [8] ENG ME 308 and ENG EC 381 and ENG BE 200 and ENG EK 500
- [9] All cross-listed courses