

MECHANICAL ENGINEERING AND APPLIED MECHANICS, MINOR

Mechanical Engineering & Applied Mechanics (MEAM) is the study of forces, deformations and motions of solid bodies and fluids, heat generation and transport, and applications to analysis, design, and manufacture of components, machines, and systems. Students in mechanical engineering follow a program which contains basic groundwork in all aspects of mechanical engineering, but flexibility in the curriculum allows students to pursue elective programs in fields such as aeronautics, robotics, computers, electronics, automatic controls, and materials.

SEAS Second Major or Minor Option

Students interested in a second major (College students only) or minor with SEAS are required to meet with the Undergraduate Curriculum Chair from the major/minor department you wish to declare to discuss requirements and obtain approval on the Second Major or Minor form. The approved form must be returned to the SEAS Research and Academic Services Office, 109 Towne Building.

For more information: <http://www.me.upenn.edu/prospective-students/undergraduates/majors-minors.php>

MEAM, Minor

Code	Title	Course Units
Electives		
Select 6 MEAM Electives ¹		6
Total Course Units		6

¹ Completion of 6 course units with a grade of "C" or better. No pass/fail permitted. All MEAM courses (except MEAM 445 Mechanical Engineering Design Projects and MEAM 446 Mechanical Engineering Design Projects) can be used. Only (2) 100 level courses are permitted. Up to (2) approved Cognate courses can be substituted with department approval from the following list: BE 200 Introduction to Biomechanics, BE 330 Self Assembly of Soft Materials, BE 510 Biomechanics and Biotransport, CBE 430 Polymers and Biomaterials, CBE 535 Interfacial Phenomena., MSE 330 Self-Assembly of Soft Materials, MSE 393 Materials Selection, MSE 405 Mechanical Behavior of Macro/Nanoscale Materials, MSE 530 Thermodynamics and Phase Equilibria.

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2018 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.
