

University of Rochester
Center for Medical Technology & Innovation
Typical MS Schedule
One-Year version, typically July 1- June 1

Summer Semester (0 credits)

Coursework

BME 498 CMTI Summer Rotation – 0 credits, but mandatory

July 1-August 25 (full time, Monday- Friday ~7 AM to ~ 5 PM)

Clinical Observations, all day MWF, based on surgical scheduling

Design Workshops and Corporate Tours

Workshops are typically in the afternoons, with mornings used for group work and background research. Some all-day corporate tours are also planned. Students should not plan to have outside work during business hours on these days.

Fall Semester (14 credits)

Coursework

BME 496 Seminar Series - 0 credits, but mandatory

BME 535 Medical Device Design - 4 credits

BME 431 FDA and Intellectual Property - 2 credits

Graduate Biology Course - 4 credits (may be moved to spring semester)

Engineering Elective -4 credits (may be moved to spring semester)

Professional Development

Corporate tours, visits from industry partners, interactions with Career Center

TA responsibilities

This varies by student. It may be completed in one semester, or spread out over 2 semesters if students are serving as Project Management Liaisons for the Senior Design program.

Spring Semester (16 credits)

Coursework

BME 496 Seminar Series - 0 credits, but mandatory

BME 495 Biomedical Engineering Research - 4 credits

BME 432 FDA and IP Commercialization - 2 credits

BME 438 Intro to Quality Engineering – 2 credits

OPT 481 Gen. Management of New Venture - 4 credits

Engineering Elective - 4 credits (or Graduate Bio Elective)

Professional Development

Corporate tours, visits from industry partners, interactions with Career Center

TA responsibilities

This varies by student. It may be completed in one semester, or spread out over 2 semesters if students are serving as Project Management Liaisons for the Senior Design program.

Final Project Wrap-up and Exit Exam with Team

~May 10 - June 1