Project Courses

Requirements for project courses: takes 2-4 weeks of time; paper (10+ pages), class presentation (20 minutes minimum); or other approved deliverable. Students should upload the project report or presentation to GSTS at the end of the quarter that the class is taken.

- BMD_ENG 317-0: Biochemical Sensors
- BMD_ENG 323-0: Visual Engineering Science
- BMD_ENG 325-0: Introduction to Medical Imaging
- BMD_ENG 333-0: Modern Optical Microscopy and Imaging
- BMD_ENG 343-0 – Biomaterials and Medical Devices

Some require permission from the department and may not be offered every year. Course numbers are subject to change.
Project Courses

- BMD_ENG 344-0 – Biological Performance of Materials
- BMD_ENG 346-0 – Tissue Engineering
- BMD_ENG 347-1-20 – Foundations of Regenerative Engineering
- BMD_ENG 348-1-01 – Applications of Regenerative Engineering
- BMD_ENG 365-0 – Control of Human Limbs and Their Artificial Replacements
- BMD_ENG 380-0 – Medical Devices, Disease & Global Health
- BMD_ENG 402-0 – Advanced Systems Physiology
- BMD_ENG 407-0 – Experimental Design and Measurement
- BMD_ENG 429-0 – Advanced Physical and Applied Optics

Some require permission from the department and may not be offered every year. Course numbers are subject to change.
Project Courses

- ELEC_ENG 395, 495 – Cardiovascular Instrumentation
- MECH_ENG 333-0 – Introduction to Mechatronics
- MECH_ENG 433-0 – Advanced Mechatronics
- MECH_ENG 495-0 – Special Topics: Soft Robotics
- NUvention Medical
- Other courses with approval from Director of MS program

Some require permission from the department and may not be offered every year. Course numbers are subject to change.