MILWAUKEE SCHOOL OF ENGINEERING
ELECTRICAL ENGINEERING AND COMPUTER SCIENCE DEPARTMENT

Biomedical Engineering AI Path

Students enrolled in the B.S. Biomedical Engineering program may choose to declare to follow the AI Path, which modifies the requirements to complete the B.S. Biomedical Engineering degree as follows:

Removed Requirements	Added Requirements
PHY 1120 Physics II (4 credits)	MTH 2340 Linear Algebra with Applications (3 credits)
BME 3610 Biomaterials (3 credits)	MTH 2130 Calculus III (4 credits)
BME 4710 Biomedical Instrumentation II (3 credits)	CSC 2611 AI Tools (3 credits)
BME Technical Elective (3 credits)	CSC 2621 Introduction to Data Science (3 credits)
BME Technical Elective (3 credits)	CSC 4601 Theory of Machine Learning (3 credits)
Free Elective (3 credits)	CSC 4801 Data Science Practicum (3 credits)
Choice of PHL 3101, PHL 3102, PHL 3103	PHL 3102

In order to be approved to declare the AI Path, the student must be enrolled in the B.S. Biomedical Engineering program and must either have prior credit for CSC1310 or be actively enrolled in CSC1310 and have completed 8 weeks of the course.

By declaring the AI path, the student understands that undeclaring the AI path may result in a delay in graduation date. In this case, graduation requirements revert to those of the General Path for the Biomedical Engineering curriculum.

requests to:

(Date)　　　　　　*(Student Name)*　　　　　　*(ID #)*

declare enrollment into the Biomedical Engineering program AI path.

undeclare enrollment into the Biomedical Engineering program AI path.

NOTE: Form must be completed by week 10 preceding the semester of enrollment to guarantee availability of courses prescribed for the term following the published AI Path curriculum in the undergraduate catalog.

Provide copies to:
*Registrar's Office
*Student
*Academic Advisor
*Program Director
*EECS Office - eecsrequest@msoe.edu

Approved by:

BME Program Director　　　　Date

EECS Department Chair　　　　Date

Revised 3/29/2024