

# MATLS ENG TECHNICAL ELECTIVES

*Applicable to students who entered MATLS in 2020-2021*

## LIST B

BIOPHYS 4S03: Introduction to Molecular Biophysics  
CHEM ENG 3Q03: Introduction to Polymer Science  
CHEM ENG 4T03: Applications of Chemical Engineering in Medicine  
CHEM ENG 4X03: Polymer Processing  
CHEMBIO 3BM3: Implanted Biomaterials  
CHEMENG 3BK3: Bio-Reaction Engineering  
CHEMENG 4H03: Big Data Methods and Modeling in Chemical and Materials Eng  
ELECENG 4BD4: Biomedical Instrumentation  
ELECENG 4BF4: Advanced Medical Imaging  
ENG PHYS 4MD3: Advanced Materials and Next-Generation Devices  
ENG PHYS 4X03: Introduction to Photovoltaics  
ENGINEER 4EX3 A/B: Experiential Engineering Design  
ENGPHYS 3PN4: Semiconductor Junction Devices  
ENGPHYS 4I03: Introduction to Biophotonics  
MECH ENG 3C03: Manufacturing Engineering  
MECH ENG 3F04: Modelling and Numerical Solutions  
MECH ENG 4BB3: Biomechanics  
MECH ENG 4CC3: Experimental and Computational Biomechanics  
MECH ENG 4E03: Microelectromechanical Systems (MEMS)  
MECH ENG 4J03: Introduction to Computational Fluid Mechanics and Heat Transfer  
MECH ENG 4N03: Nanobio Engineering  
MECH ENG 4T03: Finite Element Applications  
STATS 3A03: Applied Regression Analysis with SAS