Technical Elective Modules

1) Department of Civil and Environmental Engineering

ESE4301 Wastewater Biotechnology
ESE4401 Water & Wastewater Engineering 2
ESE4403 Membrane Tech in Env Applns
ESE4404 Bioenergy
ESE4405 Urban Water Engineering & Management
ESE4406 Energy and the Environment
ESE4407 Environmental Forensics
ESE4408 Environmental Impact Assessment
ESE4409 Environmental Applications of Adsorption
ESE5204 Toxic & Hazardous Waste Management
ESE5205 Sludge and Solid Waste Management
ESE5201 Combustion Pollution Control
ESE5202 Air Pollution Control Technology
ESE5203 Aerosol Science and Technology
ESE5301 Environmental Biological Principles
ESE5401 Water Quality Management
ESE5402 Industrial Wastewater Control
ESE5403 Water Reclamation & Reuse
ESE5404 Biological Treatment Processes
ESE5405 Water Treatment Processes
Faculty of Engineering
Department of Civil & Environmental Engineering

ESE5406  Membrane Treatment Process and Modelling
ESE5601  Environmental Risk Assessment
ESE5602  Environmental Management Systems
ESE5603  Pollution Minimisation and Prevention
CE3132  Water Resources Engineering
CE5307  Offshore Hydrodynamics
CE5603  Engineering Economics & Project Evaluation

* CEE reserves the right to decide on the modules to be offered in any given semester.

2) Dept of Chemical and Biomolecular Engineering
SH5002  Fundamentals in Industrial Safety
SH5004  Fundamentals in Industrial Hygiene
SH5101  Industrial Toxicology
SH5402  Advanced SHE Management