

Department of Civil Engineering
MSc(Eng) in Civil Engineering
Courses to be Offered in 2025-2026 (Tentative)

Course Code	Course Title
CIVL6004	Advanced soil mechanics
CIVL6006	Advanced water and wastewater treatment
CIVL6008	Bridge engineering
CIVL6009	Building planning and control
CIVL6014	Construction dispute resolution
CIVL6025	Environmental impact assessment of engineering projects
CIVL6026	Finite element method
CIVL6027	Foundation engineering
CIVL6037	Project management - human and organizational factors
CIVL6040	Solid and hazardous waste management engineering
CIVL6045	Tall building structures
CIVL6047	Traffic management and control
CIVL6050	Urban hydrology and hydraulics
CIVL6054	Engineering for transport systems
CIVL6058	Management of infrastructure megaprojects
CIVL6060	Operation and maintenance of building and civil engineering works
CIVL6061	Special topic in environmental engineering A
CIVL6077	Ground investigation and soil testing
CIVL6079	Slope engineering
CIVL6080	Fire engineering design of structures
CIVL6081	Recent advances in water and environmental engineering
CIVL6083	Practical design and construction of tunnels in Hong Kong
CIVL7007	Building information modelling (BIM): Theories, development and application
CIVL7008	Seismic analysis for building structures
CIVL7009	Dissertation
CIVL7018	Data science for civil engineering
CIVL7019	Statistical methods for civil engineering
CIVL7021	NEC contract management
CIVL7022	Carbon neutral engineering