All students must complete ENGG454 Professional Experience (0 cp).

For students in ENGG452/456:
Any 2 electives from List A and 2 electives from List A or B

For students in ENGG453:
Any 2 electives from List A and 1 elective from List A or B
**List A electives**

CHEM103 Chemistry for Engineers

MINE313 Mine Power and Transport

CIVL322 Hydraulics and Hydrology

CIVL462 Principles of Foundation Engineering

CIVL463 Applied Geotechnical Engineering

ENVE220 Water Quality and Ecological Engineering

ENVE221 Air & Noise Pollution Control

ENVE410 Site Remediation

ENVE420 Water Engineering

ENGG302 Infrastructure Systems

ENGG477 Ocean Engineering

ENGG433 Financial Management

ENGG439 Engineering Logistics and Operations Management

**List B electives**

ECON100 Economics Essentials for Business

ECON102 Economics and Society

EESC105 Introductory Geospatial Analysis

EESC305 Remote Sensing of the Environment

MAND151 Chinese (Mandarin) for Beginners

**or other approved Engineering or General Electives**