

## 2024/25 Trailable Must Pass Units

*Subject to the conditions in UGAR para.76, the following is a list of Must Pass Units (MPUs) which can be trailed into the next stage where failed with agreed IMCs.*

### Architecture BSc (Hons)

AR10502	History, theory and practice 1
AR10503	Principles of structural & environmental engineering
AR10505	Digital representation
AR20518	History, theory and practice 2
AR30531	History, theory and practice 3

### Civil Engineering BEng (Hons)

AR10495	Architectural engineering 1
AR10496	Design skills
AR10497	History, theory and engineering practice
AR10498	Engineering maths & computation 1
AR10499	Geology, hydrology and surveying
AR10500	Structural mechanics & materials
AR20520	Civil engineering infrastructure 1A Hydraulics
AR20521	Civil engineering infrastructure 1B Transportation
AR20522	Construction processes and management
AR20523	Soil mechanics and foundation design
AR20524	Structural design and construction
AR20525	Architectural engineering 2
AR20526	Engineering maths and computation 2

### Civil Engineering MEng (Hons)

AR10495	Architectural engineering 1
AR10496	Design skills
AR10497	History, theory and engineering practice
AR10498	Engineering maths & computation 1
AR10499	Geology, hydrology and surveying
AR10500	Structural mechanics & materials
AR20520	Civil engineering infrastructure 1A Hydraulics
AR20521	Civil engineering infrastructure 1B Transportation
AR20522	Construction processes and management
AR20523	Soil mechanics and foundation design
AR20524	Structural design and construction
AR20525	Architectural engineering 2
AR20526	Engineering maths and computation 2

### **Chemical Engineering BEng (Hons)**

CE10234	Chemical engineering skills, practice and design 1
CE10235	Professional portfolio 1
CE20238	Chemical engineering skills, practice and design 2
CE20239	Professional portfolio 2

### **Chemical Engineering MEng (Hons)**

CE10234	Chemical engineering skills, practice and design 1
CE10235	Professional portfolio 1
CE20238	Chemical engineering skills, practice and design 2
CE20239	Professional portfolio 2

### **Electrical Engineering BEng (Hons)**

EE22006	Topics in electronic and electrical engineering
EE22007	Integrated engineering

### **Electrical Engineering MEng (Hons)**

EE22006	Topics in electronic and electrical engineering
EE22007	Integrated engineering

### **Mechanical Engineering BEng (Hons)**

ME12001	Design, materials and manufacturing 1
ME12002	Engineering mathematics
ME12003	Thermofluids 1
ME12004	Mechatronics
ME12005	Solid mechanics 1
ME12006	Responsible engineering practices (REP)
ME12075	Solid mechanics 1 IMEE/RE
ME12076	Thermofluids 1 IMEE/RE
ME22008	Solid mechanics 2
ME22009	Thermofluids 2
ME22010	Control and mechatronics
ME22011	Engineering computation

### **Mechanical Engineering MEng (Hons)**

ME12001	Design, materials and manufacturing 1
ME12002	Engineering mathematics
ME12003	Thermofluids 1
ME12004	Mechatronics
ME12005	Solid mechanics 1

ME12006	Responsible engineering practices (REP)
ME12075	Solid mechanics 1 IMEE/RE
ME12076	Thermofluids 1 IMEE/RE
ME22008	Solid mechanics 2
ME22009	Thermofluids 2
ME22010	Control and mechatronics
ME22011	Engineering computation