

FACULTY OF ENGINEERING

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

CIVIL ENGINEERING – Bahrain

Bachelor of Engineering with Honours in Civil Engineering – Bahrain

Bachelor of Engineering in Civil Engineering – Bahrain

Diploma of Higher Education in Civil Engineering – Bahrain

Certificate of Higher Education in Applied Sciences – Bahrain

These regulations are to be read in conjunction with [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#).

Duration of study

1. The [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#) shall apply.

Mode of study

2. The programme is available by full-time study only.

Place of study

3. Students will study at the University of Strathclyde, Bahrain.

Curriculum

4. **First Year** – All students shall undertake modules amounting to 120 credits delivered by Study Group Ltd. as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
HF103	Academic English Skills	1	30
PH189	Physics 1	1	20
PH190	Physics 2	1	20
MM157	Mathematics	1	20
MM155	Computational Maths	1	20
XXXXX	Electronics	1	10

5. **Second Year** – All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
C1207	Structural Mechanics and Materials 2	2	20

C1217	Soil Mechanics	2	20
C1209	Land Surveying and Mapping	2	20
C1218	Chemistry and Materials Science	2	20
C1216	Hydraulics and Hydrology	2	20
XXXXX	Mathematics 2D	2	20

6. **Third Year** – All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
C1313	Structural Engineering 1	3	20
C1314	Geotechnical Engineering 1	3	20
C1315	Water Engineering 1	3	20
C1XXX	Engineering Data Science	3	20
C1328	Environmental Engineering	3	10
C1330	Transport Engineering	3	10
C1305	Construction Project Management	3	10
C1390	Engineering for Global Development	3	10

7. **Fourth Year** – All students shall undertake modules amounting to 120 credits as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
C1419	Geotechnical Engineering 2	4	20
C1420	Water Engineering 2	4	20
C1448	Individual Project	4	30
C1418	Structural Engineering 2	4	20
C14XX	Structural Dynamics	4	10

Optional Modules

No fewer than 20 credits from the following:

Module Code	Module Title	Level	Credits
C1436	Transport Planning	4	10
C1439	Contaminated Land	4	10
C1446	Water and Environmental Management	4	10

Exceptionally, such other modules totalling no more than 20 credits as approved by the Programme Director.

Not all optional modules on this list will be available in each academic year.

Progress

8. In order to progress to second year, the [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#) shall apply. In addition, students must have passed HF103 Academic English Skills with a mark of 60 or above by the second attempt, and to have passed the remaining 90 credits of the first year of the programme curriculum with a credit weighted average of 60 or above across those credits by the second attempt.
9. In order to progress to third year, the [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#) shall apply.
10. In order to progress to fourth year, the [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#) shall apply.

Final Assessment and Honours Classification

11. The final classification will normally be based on the first assessed attempt at modules taken in the third and fourth years.

Award: Subject to the completion of additional national requirements.

12. **BEng with Honours:** In order to qualify for the award of the degree of BEng with Honours in Civil Engineering - Bahrain, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#).
13. **BEng:** In order to qualify for the award of the degree of BEng in Civil Engineering - Bahrain, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#).
14. **Diploma of Higher Education:** In order to qualify for the award of a Diploma of Higher Education in Civil Engineering - Bahrain, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#).
15. **Certificate of Higher Education:** In order to qualify for the award of a Certificate of Higher Education in Applied Sciences - Bahrain, see [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#).