

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

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 programmes are 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 125 credits delivered by Study Group Ltd. as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
HF103	Academic English Skills	1	30
MM152	Mathematics for Science and Engineering 1	1	15
MM153	Mathematics for Science and Engineering 2	1	15
XXXX	Lab Skills and Scientific Communication	1	5
MM149	Applied Mathematics 1	1	15
MM150	Applied Mathematics 2	1	15
PH186	Physics 1	1	15
PH187	Physics 2	1	15

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

Compulsory Modules

Module Code	Module Title	Level	Credits
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XX207	Structural Mechanics and Materials 2	2	20
XX217	Soil Mechanics	2	20
XX209	Land Surveying and Mapping	2	20
XX218	Chemistry and Materials Science	2	20
XX216	Hydraulics and Hydrology	2	20
XX215	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
XX313	Structural Engineering 1	3	20
XX314	Geotechnical Engineering 1	3	20
XX315	Water Engineering 1	3	20
XX329	Engineering Mathematics	3	20
XX328	Environmental Engineering	3	10
XX330	Transport Engineering	3	10
XX305	Construction Project Management	3	10
XX390	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
XX419	Geotechnical Engineering 2	4	20
XX420	Water Engineering 2	4	20
XX448	Individual Project	4	30
XX419	Structural Engineering 2	4	20

XX435	Prestressed Concrete, Composite Materials and Structural Stability	4	10
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Optional Modules

No fewer than 20 credits from the following:

Module Code	Module Title	Level	Credits
XX436	Transport Planning	4	10
XX439	Contaminated Land	4	10
XX446	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 the second year of the programme, students are required to have passed all modules with a Credit Weighted Average of 60 by the second attempt and have passed HF103 Academic English Skills at 60 or above.
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](#). A candidate must have accumulated no fewer than 485 credits from the programme curriculum and must include XX448 Individual Project.
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](#).