

# Course Structure

## Bachelor of Civil Engineering (Hons)

Faculty of Engineering, Science and Technology



### Semester 1

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MAT123	Engineering Mathematics I	Nil	12	996
CORE	PHY111	Physics	Nil	12	996
CORE	CPT137	Computing for Engineering	Nil	12	996
CORE	CHE107	Material Science and Chemistry	Nil	12	996
CORE	ENG131	English for Academic Purposes	Nil	15	870
Semester Total				63	4,854

### Semester 2

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	MAT125	Engineering Mathematics II	MAT123	12	996
CORE	BES109	Drawing and Setting Out	Nil	12	996
CORE	PHY105	Statics and Mechanics of Solids	MAT123	12	996
CORE	BES101	Building Materials	Nil	12	996
CORE	BES105	Construction 1	Nil	12	996
Semester Total				60	4,980

### Semester 3

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	PHY109	Mechanics of Solids	PHY105	12	996
CORE	MGT129	Basic Management and Marketing	Nil	12	1,056
CORE	BES107	Construction II	BES105	12	996
CORE	BES215	Land Surveying I	BES109	12	996
CORE	MAT215	Engineering Mathematics III	MAT125	12	996
Semester Total				60	5,040

### Semester 4

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	BES103	Building Services I	BES105	10	830
CORE	BES249	Construction Project Management	MGT129	12	996
CORE	BES227	Structural Analysis	PHY105	12	996
CORE	BES229	Structural Design I	PHY105	15	1,245
CORE	BES305	Land Surveying II	BES215	12	996
Semester Total				61	5,063

### Semester 5

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	BES319	Statistics of Engineering	MAT125	12	996
CORE	BES311	Hydraulics	PHY105	12	996
CORE	BES323	Geotechnical Engineering	PHY105	12	996
CORE	BES203	Construction III	BES107	12	996
CORE	BES325	Engineering Computations	MAT127	12	996
Semester Total				60	4,980

## Semester 6

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	BES327	Hydrology	PHY105	12	996
CORE	BES337	Design of Steel Structures	PHY105, BES227	15	1,245
CORE	BES331	Engineering Project I	BES229, BES227	10	830
CORE	BES335	Building Services II	BES105	10	830
CORE	BES333	Waste Water Engineering	BES203	12	996
Semester Total				59	4,897

## Semester 7

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	BES401	Engineering Project II	BES331	10	830
CORE	BES403	Thesis I	Nil	20	1,660
CORE	BES405	Sustainable Transport and Highway Engineering	BES323	15	1,245
CORE	BES407	Estimating and Contracting	Nil	15	1,245
Semester Total				60	4,980

## Semester 8

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	BES409	Coastal Engineering	BES203, BES327	15	1,245
CORE	BES411	Thesis II	BES403	20	1,660
CORE	LAW017	General Principles of Law I	Nil	12	1,056
CORE	DHI113	Dhivehi for Professionals	Nil	15	870
Semester Total				62	4,831
Course Total				485	39,625

Fees stated above are tuition fees for local students. Fees for international students is twice the stated fees. All fees are quoted in MVR.

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