Course Structure

Bachelor of Information Technology

Faculty of Engineering, Science and Technology

Semester 1

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	BUS103	Business Communications	Nil	15	2,100
CORE	CPT111	Introduction to Programming	Nil	15	1,725
CORE	CPT223	System Analysis and Design	Nil	15	1,725
CORE	DHI113	Dhivehi for Professional	Nil	15	1,350
Semester Total				**60**	**6,900**

Semester 2

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	CPT205	Object Oriented Programming	CPT111	15	1,725
CORE	MAT103	Discrete Mathematics	Nil	15	1,725
CORE	CPT149	Introduction to Networking	Nil	15	1,725
CORE	CPT117	Visual Basic Programming	CPT111	15	1,725
Semester Total				**60**	**6,900**

Semester 3

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	CPT203	Data Structures and Algorithms	CPT111, MAT103	15	1,725
CORE	CPT211	Database Systems	Nil	15	1,725
CORE	CPT229	Advanced Networking and Telecommunications	CPT107	15	1,725
ELECTIVE		Elective (Any 200 level)		15	1,725
Semester Total				**60**	**6,900**

Semester 4

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	CPT231	Helpdesk and Service Provision	Nil	15	1,725
CORE	MGT215	Project Management	Nil	15	2,100
CORE	CPT245	Software Engineering	Nil	15	1,725
CORE	CPT239	Operating Systems	CPT111	15	1,725
Semester Total				**60**	**7,275**

Semester 5

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	CPT315	Web technology	CPT111	15	1,725
CORE	CPT305	Data and Process Modelling	CPT205	15	1,725
CORE	CPT339	Logical and Physical Database design	CPT211	15	1,725
CORE	CPT337	Applied CS Project	Nil	15	1,725
Semester Total				**60**	**6,900**

Semester 6

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
CORE	CPT303	Multimedia Technology and Applications	Nil	15	1,725
CORE	MGT307	IT Management	Nil	15	2,100
CORE	CPT327	Human Computer Interaction	Nil	15	1,725
CORE	CPT337	Applied CS Project (continue)	Nil	15	1,725
Semester Total				**60**	**7,275**

Elective

Type	Code	Name	Prerequisites	Credit Points	Fee (MVR)
ELECTIVE	CPT241	Advanced Data Structures and Algorith Analysis	CPT203	15	1,725
ELECTIVE	CPT243	Computer Organization and Architecture	CPT111	15	1,725
ELECTIVE	CPT313	Advanced Database Management System	CPT211	15	1,725
ELECTIVE	PHY205	Digital Circuits	Nil	15	1,725
Course Total				**360**	**42,150**

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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