

# Faculty of Engineering, Science & Technology

**NOTE:** Fees stated below are tuition fee for local students. Fee for international students on student visa is FIVE times the stated fees. Fee for workpermit holders and students on dependent visa is same as the fees for local students. All fees are quoted in MVR.

## Certificate 3 in Drinking Water System Operations and Maintenance

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE
1	1	BES001	RWH Technology & Equipment Operations & Maintenance	Nil	6	28	498
		BES003	Desalination Technology & Equipment Operations & Maintenance	Nil	18	56	1,494
		BES005	Disinfection & Support Systems	Nil	6	28	498
		BES007	Power Generation Backup Power Operations & Maintenance	Nil	12	42	996
		BES009	Water Distribution System Operations & Maintenance	Nil	6	28	498
		SCI021	Basic Water Chemistry, Biology & Safety	Nil	12	42	996
<b>Total number of credits</b>					<b>60</b>		<b>4,980</b>

## Certificate 3 Electrotechnical Technology

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE
1	1	ELE049	Principles of Electrotechnology	Nil	15	56	1,245
		ELE051	Applications of Electrical Principles	Nil	15	56	1,245
		ELE053	Electrical Installation (Building Structures)	Nil	15	56	1,245
		ELE055	Basic Electrical Protection and Safety	Nil	15	56	1,245
<b>Total number of credits</b>					<b>60</b>		<b>4,980</b>

## Certificate 3 Welding and Sheet Metal (2013)

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE
1	1	MEC003	Basic Workshop Technology	Nil	5	14	415
		MEC025	Sheet Metal Process	Nil	10	16	830
		MEC037	Oxy-acetylene Gas Welding	Nil	20	70	1,660
		MEC039	Shielded Metal Arc Welding Process	Nil	25	84	2,075
<b>Total number of credits</b>					<b>60</b>		<b>4,980</b>

## Certificate 3 in Engine Repair & Maintenance (2013)

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE
1	1	MAT025	Basic Mathematics	Nil	5	14	415
		MEC001	Basic Engine Technology	Nil	30	112	2,490
		MEC003	Basic Workshop Technology	Nil	5	14	415
		MEC013	Engine Practice	Nil	15	56	1,245
		PHY005	Basic Material Science	Nil	5	14	415
<b>Total number of credits</b>					<b>60</b>		<b>4,980</b>

## Certificate 3 in Water Quality Laboratory Procedures

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE
1	1	BIO013	Biological/ Bacteriological & Primary Nutrient Analysis	Nil	12	42	996
		SCI021	Basic Water Chemistry, Biology & Safety	Nil	12	42	996
		SCI023	Water Quality Sampling Methods	Nil	6	14	498
		SCI025	Physicochemical Analysis	Nil	12	42	996
		SCI027	Data Analysis & Interpretation	Nil	12	42	996
		SCI029	Laboratory Safety & Maintenance	Nil	6	14	498
<b>Total number of credits</b>					<b>60</b>		<b>4,980</b>

## Advanced Certificate in Engine Repair & Maintenance

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	CPT001	Introduction to Computing	Nil	10	28	830	
		GEN003	Study Skills	Nil	6	14	348	
		MAT005	Engineering Mathematics	Nil	10	42	830	
		MEC005	Engineering Drawing	Nil	12	42	996	
		MEC033	Workshop Technology	Nil	12	42	996	
		PHY003	Engineering Science	Nil	10	42	830	
		<b>Semester Total</b>						<b>4,830</b>
	2	2	CPT005	Computer Assisted Design A	Nil	15	56	1,245
			MEC041	Engineering Science II - Engine Repair	Nil	5	14	415
			MEC047	Material Science	Nil	5	14	415
			MEC079	Workshop Technology II- Welding, Machining & Fabrication	Nil	10	42	830
			MEC059	Engine Technology I	Nil	30	98	2,490
	<b>Semester Total</b>						<b>5,395</b>	
2	3	CPT007	Computer Assisted Design B	Nil	10	42	830	
		MEC061	Engine Technology II	Nil	30	98	2,490	
		MEC077	Fluid Power	Nil	5	14	415	
		MEC007	Marine Auxiliary Machines	Nil	10	42	830	
		MEC073	Project - Engine Repair	Nil	5	14	415	
		<b>Semester Total</b>						<b>4,980</b>
<b>Total number of credits</b>					<b>185</b>		<b>15,205</b>	

## Advanced Certificate in Electrical & Electronics Engineering

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	MAT005	Engineering Mathematics	Nil	10	42	830	
		PHY003	Engineering Science	Nil	10	42	830	
		MEC005	Engineering Drawing	Nil	12	42	996	
		MEC033	Workshop Technology	Nil	12	42	996	
		GEN033	Study Skills	Nil	6	14	348	
		CPT001	Introduction to Computing	Nil	10	42	830	
		<b>Semester Total</b>						<b>4,830</b>
	2	2	CPT005	Computer Assisted Design A	Nil	15	56	1,245
			ELE001	Electrical Technology	Nil	15	56	1,245
			ELE003	Electrical Installation	Nil	15	56	1,245
			ELE005	Electronic Fundamentals	Nil	15	56	1,245
			<b>Semester Total</b>					
	2	3	ELE009	Electrical Machines	Nil	15	56	1,245
			ELE011	Electronic Circuits	Nil	15	56	1,245
ELE013			Consumer Electronics 1	Nil	15	56	1,245	
ELE015			Digital Electronics	Nil	15	56	1,245	
<b>Semester Total</b>						<b>4,980</b>		
<b>Total number of credits</b>					<b>180</b>	<b>15,620</b>		

## Advanced Certificate in Welding & Metal Fabrication

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	MAT005	Engineering Mathematics	Nil	10	42	830	
		PHY003	Engineering Science	Nil	10	42	830	
		MEC005	Engineering Drawing	Nil	12	42	996	
		MEC033	Workshop Technology	Nil	12	42	996	
		GEN003	Study Skills	Nil	6	14	348	
		CPT001	Introduction to Computing	Nil	10	42	830	
		<b>Semester Total</b>						<b>4,830</b>
	2	2	MEC065	SMA Welding process - 1	Nil	20	70	1,660
			MEC049	Oxy-acetylene gas welding process - 1	Nil	10	42	830
			MEC055	Sheet metal process	Nil	10	42	830
			MEC047	Material Science	Nil	10	42	830
			CPT005	CAD A	Nil	15	56	1,245
	<b>Semester Total</b>						<b>5,395</b>	
	2	3	MEC067	SMA Welding process - 2	Nil	20	70	1,660
MEC071			Oxy-acetylene gas welding process - 2	Nil	10	42	830	
MEC063			Sheet metal productions	Nil	10	42	830	
MEC081			Project work	Nil	10	42	830	
CPT007			CAD B	Nil	10	42	830	
<b>Semester Total</b>						<b>4,980</b>		
<b>Total number of credits</b>					<b>185</b>	<b>15,205</b>		

## Advanced Certificate in Information Technology

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE
1	1	CPT105	Computer Concepts and PC Applications	Nil	15	56	1,245
		ENG059	English for Further Studies	Nil	15	56	870
		CPT023	Fundamentals of Programming	Nil	15	56	1,245
		MAT033	Mathematics	Nil	15	56	1,245
		<b>Semester Total</b>					
	2	BIS101	Information Systems	CPT105	15	56	1,245
		CPT113	Multimedia Technology	Nil	15	56	1,245
		CPT103	Applications Development	CPT105	15	56	1,245
		MGT013	Introduction to Management	Nil	15	56	1,320
		<b>Semester Total</b>					
<b>Total number of credits</b>					<b>120</b>	<b>9,660</b>	

## Diploma in Information Technology (1 year)

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	MAT103	Discrete Mathematics	Nil	15	56	1,245	
		CPT111	Introduction to Programming	Nil	15	56	1,245	
		CPT223	System Analysis and Design	Nil	15	56	1,245	
		CPT211	Database Systems	Nil	15	56	1,245	
	<b>Semester Total</b>							<b>4,980</b>
	2	CPT129	ICT for Development	Nil	15	56	1,245	
		CPT107	Data Communications and Networking	Nil	15	56	1,245	
		CPT117	Visual Basic Programming	CPT111	15	56	1,245	
		CPT221	Information Technology Project	CPT211, CPT223	15	56	1,245	
	<b>Semester Total</b>							<b>4,980</b>
<b>Total number of credits</b>					<b>120</b>	<b>9,960</b>		

## Diploma in Networking (Nov 2014)

Year	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	CPT023	Fundamentals of Programming	Nil	15	56	1,245	
		CPT105	Computer Concepts and PC Applications	Nil	15	56	1,245	
		ENG059	English for Further Studies	Nil	15	56	870	
		MAT033	Mathematics	Nil	15	56	1,245	
	<b>Semester Total</b>							<b>4,605</b>
	2	BIS101	Information Systems	Nil	15	56	1,245	
		CPT103	Applications Development	Nil	15	56	1,245	
		CPT113	Multimedia Technology	Nil	15	56	1,245	
		MGT013	Introduction to Management	Nil	15	56	1,320	
	<b>Semester Total</b>							<b>5,055</b>
2	3	CPT139	Network Fundamentals	Nil	15	56	1,245	
		CPT141	Routing Protocols and concepts	Nil	15	56	1,245	
		CPT211	Database Systems	Nil	15	56	1,245	
		CPT223	System Analysis and Design	Nil	15	56	1,245	
	<b>Semester Total</b>							<b>4,980</b>
	4	CPT111	Introduction to Programming	Nil	15	56	1,245	
		CPT143	LAN switching and Wireless Technologies	Nil	15	56	1,245	
		CPT145	WAN Technologies	Nil	15	56	1,245	
		CPT221	Information Technology Project	Nil	15	56	1,245	
	<b>Semester Total</b>							<b>4,980</b>
<b>Total number of credits</b>					<b>240</b>	<b>19,620</b>		

## Diploma in Mechanical Engineering

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	MAT005	Engineering Mathematics	Nil	10	42	830	
		PHY003	Engineering Science	Nil	10	42	830	
		MEC005	Engineering Drawing	Nil	12	42	996	
		MEC033	Workshop Technology	Nil	12	42	996	
		GEN003	Study Skills	Nil	6	14	348	
		CPT001	Introduction to Computing	Nil	10	42	830	
		<b>Semester Total</b>						
	2	2	MEC117	CAD Drawing	Nil	10	42	830
			MEC103	Engineering science-II	Nil	15	56	1,245
			PHY105	Statics	Nil	12	42	996
			MEC105	Mechanical systems	Nil	15	56	1,245
			MEC107	Workshop practices	Nil	10	42	830
	<b>Semester Total</b>							<b>5,146</b>
	2	3	MEC109	Engineering materials	Nil	15	56	1,245
MEC111			Fluid mechanics	Nil	15	56	1,245	
MEC119			Fluid power	Nil	15	56	1,245	
ELE101			Electrical and Electronic fundamentals	Nil	15	56	1,245	
<b>Semester Total</b>							<b>4,980</b>	
4		4	MEC113	Refrigeration	Nil	15	56	1,245
			ELE129	Power generation and Electric motors	Nil	12	42	996
			MEC115	Fluid machinery/pump selection/desalination water supply	Nil	12	42	996
			ELE115	Programmable Logic controllers	Nil	15	56	1,245
			BES115	Planning, Costing and Estimation	Nil	6	14	498
<b>Semester Total</b>							<b>4,980</b>	
<b>Total number of credits</b>					<b>242</b>	<b>19,936</b>		

## Diploma in Civil Engineering (1.5 Yrs)

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	IXP105	Industrial Experience	Nil	3	14	249	
		PHY105	Statics	Nil	12	42	996	
		MGT107	Management 1	Nil	10	42	880	
		BES109	Drawing and Setting Out	Nil	15	56	1,245	
		BES101	Building Materials	Nil	12	42	996	
		BES105	Construction 1	Nil	12	42	996	
		<b>Semester Total</b>						
	2	2	IXP107	Industrial Experience	Nil	3	14	249
			PHY109	Mechanics of Solids	Nil	12	42	996
			MGT207	Management 2	Nil	10	42	880
			BES107	Construction2	Nil	12	42	996
			BES215	Land Surveying 1	Nil	12	42	996
			MAT107	Mathematics	Nil	15	56	1,245
<b>Semester Total</b>							<b>5,362</b>	
2	3	IXP207	Industrial Experience	Nil	3	14	249	
		BES229	Structural Design 1	Nil	15	56	1,245	
		BES227	Structural Analysis	Nil	15	56	1,245	
		PHY101	Physics 1	Nil	15	56	1,245	
		BES305	Land Surveying 2	Nil	12	42	996	
<b>Semester Total</b>							<b>4,980</b>	
<b>Total number of credits</b>					<b>188</b>	<b>15,704</b>		



## Diploma in Civil Engineering (2 Yrs)

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE
1	1	MAT005	Mathematics I	Nil	10	42	830
		PHY003	Engineering Science	Nil	10	42	830
		MEC005	Engineering Drawing	Nil	12	42	996
		MEC033	Workshop Technology	Nil	12	42	996
		GEN003	Study Skills	Nil	6	14	348
		CPT001	Introduction to Computing	Nil	10	42	830
		<b>Semester Total</b>					
	2	IXP105	Industrial Experience	Nil	3	14	249
		PHY105	Statics	Nil	12	42	996
		MGT107	Management 1	Nil	10	42	880
		BES109	Drawing and Setting Out	Nil	15	56	1,245
		BES101	Building Materials	Nil	12	42	996
		BES105	Construction 1	Nil	12	42	996
		<b>Semester Total</b>					
2	3	IXP107	Industrial Experience	Nil	3	14	249
		PHY109	Mechanics of Solids	Nil	12	42	996
		MGT207	Management 2	Nil	10	42	880
		BES107	Construction2	Nil	12	42	996
		BES215	Land Surveying 1	Nil	12	42	996
		MAT107	Mathematics	Nil	15	56	1,245
		<b>Semester Total</b>					
	4	IXP207	Industrial Experience	Nil	3	14	249
		BES229	Structural Design 1	Nil	15	56	1,245
		BES227	Structural Analysis	Nil	15	56	1,245
		PHY101	Physics 1	Nil	15	56	1,245
		BES305	Land Surveying 2	Nil	12	42	996
		<b>Semester Total</b>					
	<b>Total number of credits</b>					<b>248</b>	<b>20,534</b>

## Diploma in Construction Management

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE
1	1	BES101	Building Materials	Nil	12	42	996
		BES105	Construction I	Nil	12	42	996
		BES109	Drawing and Setting Out	Nil	15	56	1,245
		BES113	Technical Communications	Nil	10	42	830
		IXP103	Industrial Experience I (Construction Management)	Nil	4	14	332
		MGT107	Management I	Nil	10	42	880
		<b>Semester Total</b>					
	2	BES107	Construction II	Nil	12	42	996
		BES201	Building Services I	Nil	10	42	830
		BES215	Land Surveying I	Nil	12	42	996
		BES231	Structures I	Nil	12	42	996
		IXP203	Industrial Experience II (Construction Management)	Nil	4	14	332
		MGT207	Management II	Nil	10	42	880
		<b>Semester Total</b>					



2	3	BES301	Building Measurement I	Nil	12	42	996
		BES303	Building Services II	Nil	10	42	830
		BES305	Land Surveying II	Nil	12	42	996
		BES307	Structures II	Nil	12	42	996
		IXP301	Industrial Experience III (Construction Management)	Nil	4	14	332
		MGT301	Management III	Nil	10	42	880
<b>Semester Total</b>							<b>5,030</b>
<b>Total number of credits</b>					<b>183</b>	<b>7,736</b>	

## Diploma in Electronics Engineering

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	MAT005	Engineering Mathematics	Nil	10	42	830	
		PHY003	Engineering Science	Nil	10	42	830	
		MEC005	Engineering Drawing	Nil	12	42	996	
		MEC033	Workshop Technology	Nil	12	42	996	
		GEN033	Study Skills	Nil	6	14	348	
		CPT001	Introduction to Computing	Nil	10	42	830	
	<b>Semester Total</b>							<b>4,830</b>
	2	2	MGT113	Communication, Management & Business Skills **	Nil	15	56	1,320
			ELE111	Digital Electronics	Nil	15	56	1,245
			ELE101	Electrical and Electronic Fundamentals	Nil	15	56	1,245
			ELE103	Electrical Workshop & Equipment	Nil	12	42	996
	<b>Semester Total</b>							<b>4,806</b>
	2	3	CPT111	Introduction to Programming***	Nil	15	56	1,245
			ELE105	Electronic Devices & Circuits	Nil	15	56	1,245
ELE109			PCB Design & Drafting	Nil	12	42	996	
ELE123			Electronic Signals & Systems	Nil	15	56	1,245	
<b>Semester Total</b>							<b>4,731</b>	
4		4	CPT107	Data Communications and Network***	Nil	15	56	1,245
			ELE201	Microprocessor Applications	Nil	15	56	1,245
			ELE117	Communication Fundamentals	Nil	15	56	1,245
			ELE107	Analysis and Design Project	Nil	15	56	1,245
<b>Semester Total</b>							<b>4,980</b>	
<b>Total number of credits</b>					<b>234</b>	<b>19,347</b>		

## Diploma in Electrical Engineering

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	MAT005	Engineering Mathematics	Nil	10	42	830	
		PHY003	Engineering Science	Nil	10	42	830	
		MEC005	Engineering Drawing	Nil	12	42	996	
		MEC033	Workshop Technology	Nil	12	42	996	
		GEN033	Study Skills	Nil	6	14	348	
		CPT001	Introduction to Computing	Nil	10	42	830	
	<b>Semester Total</b>							<b>4,830</b>
	2	MGT113	Communication, Management & Business Skills **	Nil	15	56	1,320	
		ELE111	Digital Electronics	Nil	15	56	1,245	
		ELE101	Electrical and Electronic Fundamentals	Nil	15	56	1,245	
		ELE103	Electrical Workshop & Equipment	Nil	12	42	996	
		<b>Semester Total</b>						
	2	3	CPT111	Introduction to Programming***	Nil	15	56	1,245
			ELE105	Electronic Devices & Circuits	Nil	15	56	1,245
ELE119			Power System Analysis	Nil	15	56	1,245	
ELE121			Power Supplies Design	Nil	15	56	1,245	
<b>Semester Total</b>							<b>4,980</b>	
4		ELE107	Analysis and Design Project	Nil	15	56	1,245	
		ELE115	Programmable Logic Controllers	Nil	15	56	1,245	
		ELE127	Power Systems Fault Analysis and Protection	Nil	15	56	1,245	
		ELE125	AC Generators and Mechanics	Nil	15	56	1,245	
<b>Semester Total</b>							<b>4,980</b>	
<b>Total number of credits</b>					<b>237</b>	<b>19,596</b>		

## Bachelor of Arts in Interior Design

Yr	Sem	Code	Title	Pre-requisite	Credit Point	Contact Hours	FEE	
1	1	ARC117	Interior Design 1	Nil	15	56	1,245	
		ARC101	Architectural Communication 1	Nil	12	42	996	
		ARC111	Environment & Culture 1	Nil	12	42	996	
		BES101	Building Materials	Nil	12	42	996	
		BES105	Construction 1	Nil	12	42	996	
		ENG013	English for Further Studies	Nil	0		-	
	<b>Semester Total</b>							<b>5,229</b>
	2	ARC119	Interior Design 2	ARC117	15	56	1,245	
		ARC103	Architectural Communication 2	ARC101	12	42	996	
		ARC113	Environment & Culture 2	ARC111	12	42	996	
		BES117	Building Science 1	Nil	12	42	996	
		BES107	Construction 2	BES105	12	42	996	
		DHI113	Dhivehi for Professionals	Nil	0		-	
	<b>Semester Total</b>							<b>5,229</b>
3	ARC211	Interior Design 3	ARC119	15	56	1,245		
	ARC203	Architectural Communication 3	ARC103	12	42	996		
	BES211	Environment & Culture 3	ARC113	12	42	996		
	BES221	Professional Practice 1	Nil	12	42	996		
	BES103	Building Services 1	Nil	12	42	996		
<b>Semester Total</b>							<b>5,229</b>	

4	ARC213	Interior Design 4	ARC211	15	56	1,245
	ARC205	Architectural Communication 4	ARC203	12	42	996
	BES251	Building Science 2	BES117	12	42	996
	ARC215	Color theory	Nil	12	42	996
		Elective*	Nil	12	42	996
	<b>Semester Total</b>					
5	ARC309	Interior Design 5	ARC213	15	56	1,245
	ARC 303	Architectural Communication 5	ARC205	12	42	996
	CAP301	Furniture Design workshop	Nil	12	42	996
	ARC311	Research Methodology	Nil	12	42	996
	BES339	Building Science 3	BES251	12	42	996
	<b>Semester Total</b>					
6	ARC313	Interior Design 6	RC309, ARC3	20	70	1,660
	ARC315	Directed Research	ARC311	20	70	1,660
	MGT231	Project Management	Nil	12	42	1,056
	<b>Semester Total</b>					
<b>Total number of credits</b>				<b>367</b>	<b>30,521</b>	

## Bachelor of Arts in Architectural Design

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	ARC101	Architectural Communications I	Nil	12	42	996	
		ARC107	Architectural Design Project I	Nil	15	56	1,245	
		ARC111	Environment and Culture I	Nil	12	42	996	
		BES101	Building Materials	Nil	12	42	996	
		BES105	Construction I	Nil	12	42	996	
		ENG013	English for Further Study	Nil	0		-	
	<b>Semester Total</b>							<b>5,229</b>
	2	2	ARC103	Architectural Communications II	Nil	12	42	996
			ARC105	Architectural Technologies I	Nil	12	42	996
			ARC109	Architectural Design Project II	Nil	15	56	1,245
			ARC113	Environment and Culture II	Nil	12	42	996
			BES107	Construction II	Nil	12	42	996
<b>Semester Total</b>							<b>5,229</b>	
2	3	ARC201	Architectural Design Project III	Nil	15	56	1,245	
		ARC203	Architectural Communications III	Nil	12	42	996	
		BES103	Building Services I	Nil	12	42	996	
		BES211	Environment and Culture III	Nil	12	42	996	
		IXP123	Professional Industrial Experience I	Nil	0		-	
		BES221	Professional Practice I	Nil	12	42	996	
	<b>Semester Total</b>							<b>5,229</b>
	<b>EXIT: Diploma in Architecture</b>					<b>189</b>	<b>15,687</b>	
	4	4	ARC205	Architectural Communications IV	Nil	12	42	996
			ARC207	Architectural Design Project IV	Nil	20	70	1,660
			BES203	Construction III	Nil	12	42	996
			BES243	Environment and Culture IV	Nil	12	42	996
<b>Semester Total</b>							<b>4,648</b>	
5	5	ARC115	Architectural Technologies II	Nil	12	42	996	
		ARC301	Architectural Design Project VI	Nil	15	56	1,245	
		ARC303	Architectural Communications V	Nil	12	42	996	
		ARC305	Environment and Culture V	Nil	12	42	996	
		BES245	Professional Practice II	Nil	12	42	996	
<b>Semester Total</b>							<b>5,229</b>	

3	6	ARC209	Architectural Technologies III	Nil	12	42	996
			Architectural Elective 1	Nil	12	42	996
		ARC307	Architectural Design Project VI	Nil	20	70	1,660
		BES317	Professional Practice III	Nil	12	42	996
		IXP305	Professional Industrial Experience II	Nil	0		-
		<b>Semester Total</b>					
<b>Total number of credits</b>					<b>364</b>	<b>30,212</b>	

## BACHELOR OF CIVIL ENGINEERING

Yr	Sem	Code	Title	Pre-requisite	Credit Point	Contact Hours	FEE
1	1	MAT123	Engineering Mathematics I	Nil	12	42	996
		PHY111	Physics	Nil	12	42	996
		CPT137	Computing for Engineering	Nil	12	42	996
		CHE107	Material Science and Chemistry	Nil	12	42	996
		ENG015	English for Academic Purposes	Nil	12	42	696
	<b>Semester Total</b>						<b>4,680</b>
	2	MAT125	Engineering Mathematics II	MAT123	12	42	996
		BES109	Drawing and Setting Out	Nil	15	56	1,245
		PHY105	Statics and Mechanics of Solids	MAT123	12	42	996
		BES101	Building Materials	Nil	12	42	996
		BES105	Construction 1	Nil	12	42	996
<b>Semester Total</b>						<b>5,229</b>	
3	PHY109	Mechanics of Solids	PHY105	12	42	996	
	MGT129	Basic Management and Marketing	Nil	12	42	1,056	
	BES107	Construction II	BES105	12	42	996	
	BES215	Land Surveying I	BES109	12	42	996	
	MAT215	Engineering Mathematics III	MAT125	12	42	996	
<b>Semester Total</b>						<b>5,040</b>	

4	4	BES103	Building Services I	BES105	12	42	996	
		BES249	Construction Project Management	MGT129	12	42	996	
		BES227	Structural Analysis	PHY105	15	56	1,245	
		BES229	Structural Design I	PHY105	15	56	1,245	
		BES305	Land Surveying II	BES215	12	42	996	
<b>Semester Total</b>							<b>5,478</b>	
3	5	BES319	Statics of Engineering	MAT125	10	42	830	
		BES203	Hydraulics	PHY105	12	42	996	
		BES323	Geotechnical Engineering	PHY105	12	42	996	
		BES203	Construction III	BES107	12	42	996	
		BES325	Engineering Computations	MAT127	10	42	830	
	<b>Semester Total</b>							<b>4,648</b>
	6	BES327	Hydrology	PHY105	12	42	996	
		BES337	Design of Steel Structures	PHY105	15	56	1,245	
				BES227		56		
		BES331	Engineering Project I	BES229	10	42	830	
BES227				42				
BES335		Building Services II	BES105	10	42	830		
BES333	Waste Water Engineering	BES203	12	42	996			
<b>Semester Total</b>							<b>4,897</b>	
4	7	BES401	Engineering Project II	BES331	10	42	830	
		BES403	Thesis I	Nil	20	70	1,660	
		BES405	Sustainable Transport and Highway Engineering	BES323	15	56	1,245	
		BES407	Estimating and Contracting	Nil	15	56	1,245	
	<b>Semester Total</b>							<b>4,980</b>
	8	BES409	Coastal Engineering	BES203	15	56	1,245	
				BES327		56		
		BES411	Thesis II	BES403	20	70	1,660	
		LAW017	General Principles of Law I	Nil	12	42	1,056	
		DHII13	Dhivehi for Professionals	Nil	15	56	870	
<b>Semester Total</b>							<b>4,831</b>	
<b>Total number of credits</b>					<b>486</b>	<b>39,783</b>		

## Bachelor of Computer Science

Yr	Sem	Subject Code	Subject name	Pre-requisites	Credit Points	Contact Hours	FEE	
1	1	DHII13	Dhivehi for Professionals	Nil	15	56	870	
		CPT111	Introduction to Programming	Nil	15	56	1,245	
		MAT129	Pure Mathematics	Nil	15	56	1,245	
		PHY101	Physics: Mechanics, waves and electrodynamics	Nil	15	56	1,245	
	<b>Semester Total</b>							<b>4,605</b>
	2	CPT147	Database Management System	Nil	15	56	1,245	
		MAT103	Discrete Mathematics	Nil	15	56	1,245	
		CPT149	Introduction to Networking	Nil	15	56	1,245	
		MAT133	Probability and Statistics	Nil	15	56	1,245	
	<b>Semester Total</b>							<b>4,980</b>
3	CPT203	Data Structures and Algorithms	MAT103	15	56	1,245		
	CPT205	Object Oriented Programming	CPT111	15	56	1,245		
	CPT239	Operating Systems	CPT111	15	56	1,245		
	PHY205	Digital Circuits	Nil	15	56	1,245		
<b>Semester Total</b>							<b>4,980</b>	

2	4	CPT241	Advanced Data Structures & Algorithm Analysis	CPT203	15	56	1,245
		CPT229	Advanced Networking	CPT149	15	56	1,245
		CPT243	Computer Organization & Architecture	CPT111	15	56	1,245
		CPT245	Software Engineering	CPT111	15	56	1,245
	<b>Semester Total</b>						<b>4,980</b>
3	5	CPT313	Advanced Database Management System	CPT147	15	56	1,245
		CPT303	Multimedia Technology and Applications	Nil	15	56	1,245
		CPT315	Web Technology	CPT111	15	56	1,245
		CPT337	Applied CS Project	Completion of 120 credits			1,245
	<b>Semester Total</b>						<b>4,980</b>
	6	CPT317	Artificial Intelligence	CPT241	15	56	1,245
		CPT337	Applied CS Project (continue)	Nil	30		1,245
			Electives	Nil	15		1,245
			Electives	Nil	15		1,245
	<b>Semester Total</b>						<b>4,980</b>
<b>Total number of credits</b>				<b>360</b>	<b>29,505</b>		

**List of Electives (Choose 2 from the list below)**

#	Subject Code	Subject name	Pre-requisites	Credit Points	Contact Hours	FEE
1	CPT319	Mobile Applications	CPT111	15	56	1,245
2	CPT321	Sensor Networking & Applications	CPT229	15	56	1,245
3	CPT323	Programming Language	CPT111, CPT203, CPT241	15	56	1,245
					56	
4	CPT325	Software Testing	CPT111	15	56	1,245
5	CPT327	Human Computer Interaction	Nil	15	56	1,245
6	CPT329	Image Processing	CPT111	15	56	1,245
7	CPT331	Automata Theory	CPT111, CPT203, CPT241	15	56	1,245
8	CPT333	Cryptography & Networking Security	MAT129	15	56	1,245
9	CPT335	Distributed Computing	MAT103, CPT229	15	56	1,245
					56	
10	ENV215	Geographic Information System (GIS)	Nil	15	56	1,245

## Bachelor in Information Technology

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	MAT103	Discrete Mathematics	Nil	15	56	1,245	
		CPT111	Introduction to Programming	Nil	15	56	1,245	
		CPT223	System Analysis and Design	Nil	15	56	1,245	
		CPT211	Database Systems	Nil	15	56	1,245	
	<b>Semester Total</b>							<b>4,980</b>
	2	2	CPT129	ICT for Development	Nil	15	56	1,245
			CPT107	Data Communications and Networking	Nil	15	56	1,245
			CPT117	Visual Basic Programming	CPT111	15	56	1,245
			CPT221	Information Technology Project	CPT211, CPT223	15	56	1,245
		<b>Semester Total</b>						
2	3	CPT203	Data Structures and Algorithms	CPT111, MAT103	15	56	1,245	
		BUS103	Business Communications	Nil	15	56	1,320	
		CPT227	Introduction to Operating Systems	Nil	15	56	1,245	
		<b>Options (Choose one subject from the list)</b>						
		STA117	Business Mathematics	Nil	15	56	1,245	
	MGT115	Management and Organizations	Nil	15	56	1,320		
	<b>Semester Total</b>							<b>5,055-5,130</b>
	4	4	CPT205	Object Oriented Programming	CPT111	15	56	1,245
			CPT229	Advanced Networking and Telecommunications	CPT107	15	56	1,245
			CPT231	Helpdesk and Service Provision	Nil	15	56	1,245
MGT215			Project Management	Nil	15	56	1,320	
<b>Semester Total</b>							<b>5,055</b>	
3	5	CPT301	Internet technology	Nil	15	56	1,245	
		CPT305	Data and Process Modelling	CPT205	15	56	1,245	
		CPT307	Logical Database Design	CPT211	15	56	1,245	
		MGT307	IT Management	Nil	15	56	1,320	
	<b>Semester Total</b>							<b>5,055</b>
	6	6	CPT303	Multimedia Technology and Applications	Nil	15	56	1,245
			CPT309	Physical Database Design	CPT211	15	56	1,245
			CPT311	Applied IT Project	Nil	30		2,490
		<b>Semester Total</b>						
	<b>Total number of credits</b>					<b>375</b>	<b>30,105-30,180</b>	

## Bachelor of Science (Biology)

Year	Smstr	Subject Code	Subject name	Pre-requisites	Credit Points	Contact Hours	FEE	
1	1	SCI107	Scientific and Analytical Skills	NIL	15	56	1,245	
		MAT131	Mathematics for Scientists	NIL	15	56	1,245	
		BIO121	Biology of Cell and Organism	NIL	15	56	1,245	
		PHY113	Principles of Physics	NIL	15	56	1,245	
		<b>Semester Total</b>						<b>4,980</b>
	2	CHE109	Inorganic and Physical Chemistry I	NIL	15	56	1,245	
		CHE111	Organic Chemistry I	NIL	15	56	1,245	
		BIO123	Life on Earth	NIL	15	56	1,245	
		PHY115	Thermodynamics and Modern Physics	NIL	15	56	1,245	
		<b>Semester Total</b>						<b>4,980</b>
<b>Exit with a Diploma in Science</b>					<b>120</b>	<b>9,960</b>		
2	3	SCI205	Research Methods and Experimental Design	NIL	15	56	1,245	
		CHE207	Instrumental Analysis	SCI107	15	56	1,245	
		BIO219	Biochemistry & Molecular Biology	BIO121	15	56	1,245	
		BIO221	Human Anatomy, Physiology & Pharmacology	BIO121	15	56	1,245	
		<b>Semester Total</b>						<b>4,980</b>
	4	ENV219	Ecology and Environmental Systems	NIL	15	56	1,245	
		BIO223	Marine Biology	NIL	15	56	1,245	
		BIO225	Microbiology	NIL	15	56	1,245	
		MED209	Human Health & Disease	BIO121	15	56	1,245	
		<b>Semester Total</b>						<b>4,980</b>
	<b>Exit with an Advanced Diploma in Science</b>					<b>240</b>	<b>19,920</b>	
	3	5	SCI319	Science Communication	Nil	15	56	1,245
			SCI321	Research Project	SCI205	15	56	1,245
			Choose from list below		15	56	1,245	
			Choose from list below		15	56	1,245	
<b>Semester Total</b>						<b>4,980</b>		
6		SCI323	Science and Society	Nil	15	56	1,245	
		SCI321	Research Project (continuing)		15	56	1,245	
			Choose from list below		15	56	1,245	
			Choose from list below		15	56	1,245	
		<b>Semester Total</b>						<b>4,980</b>
<b>Total number of credits</b>					<b>360</b>	<b>29,880</b>		



## Bachelor of Science (Chemistry)

Yr	Sem	Subject Code	Subject name	Pre-requisites	Credit Points	Contact Hours	FEE	
1	1	SCI107	Scientific and Analytical Skills	NIL	15	56	1,245	
		MAT131	Mathematics for Scientists	NIL	15	56	1,245	
		BIO121	Biology of Cell and Organism	NIL	15	56	1,245	
		PHY113	Principles of Physics	NIL	15	56	1,245	
	<b>Semester Total</b>							<b>4,980</b>
	2	2	CHE109	Inorganic and Physical Chemistry I	NIL	15	56	1,245
			CHE111	Organic Chemistry I	NIL	15	56	1,245
			BIO123	Life on Earth	NIL	15	56	1,245
			PHY115	Thermodynamics and Modern Physics	NIL	15	56	1,245
		<b>Semester Total</b>						
<b>Exit with a Diploma in Science</b>					<b>120</b>		<b>9,960</b>	
2	3	SCI205	Research Methods and Experimental Design	NIL	15	56	1,245	
		CHE207	Instrumental Analysis	SCI107	15	56	1,245	
		CHE209	Organic Chemistry II	CHE111	15	56	1,245	
		CHE211	Environmental Chemistry	NIL	15	56	1,245	
	<b>Semester Total</b>							<b>4,980</b>
	4	4	CHE213	Fundamentals of Analytic Chemistry	NIL	15	56	1,245
			CHE219	Material Science	NIL	15	56	1,245
			CHE215	Medicinal Chemistry	CHE209	15	56	1,245
			CHE217	Inorganic and Physical Chemistry II	CHE109	15	56	1,245
		<b>Semester Total</b>						

Exit with an Advanced Diploma in Science				240	19,920		
3	5	SCI319	Science Communication	Nil	15	56	1,245
		SCI321	Research Project	SCI205	15	56	1,245
			Choose from list below	Nil	15	56	1,245
			Choose from list below	Nil	15	56	1,245
		<b>Semester Total</b>					<b>4,980</b>
	6	SCI323	Science and Society	Nil	15	56	1,245
		SCI321	Research Project (continuing)	Nil	15	56	1,245
			Choose from list below	Nil	15	56	1,245
			Choose from list below	Nil	15	56	1,245
		<b>Semester Total</b>					<b>4,980</b>
<b>Total number of credits</b>				<b>360</b>	<b>29,880</b>		

## Bachelor of Science (Physics)

Yr	Smstr	Subject Code	Subject Name	Pre-requisites	Credit Points	Contact Hours	FEE
1	1	SCI107	Scientific and Analytical Skills	Nil	15	56	1,245
		MAT131	Mathematics for Scientists	Nil	15	56	1,245
		BIO121	Biology of Cell and Organism	Nil	15	56	1,245
		PHY113	Principles of Physics	Nil	15	56	1,245
		<b>Semester Total</b>					<b>4,980</b>
	2	CHE109	Inorganic and Physical Chemistry I	Nil	15	56	1,245
		CHE111	Organic Chemistry I	Nil	15	56	1,245
		BIO123	Life on Earth	Nil	15	56	1,245
		PHY115	Thermodynamics and Modern Physics	Nil	15	56	1,245
		<b>Semester Total</b>					<b>4,980</b>
<b>Exit with a Diploma in Science</b>				<b>120</b>	<b>9,960</b>		
2	3	SCI205	Research Methods and Experimental Design	Nil	15	56	1,245
		MAT213	Mathematics for Physicist	MAT131	15	56	1,245
		ENV219	Green Buildings and Sustainability	Nil	15	56	1,245
		ENV221	Earth System Science	Nil	15	56	1,245
		<b>Semester Total</b>					<b>4,980</b>
	4	PHY211	Electrical Technology	PHY113	15	56	1,245
		PHY209	Electronics and Electrical Principles	Nil	15	56	1,245
		PHY213	Power Generation	Nil	15	56	1,245
		PHY207	Quantum Physics	PHY115	15	56	1,245
		<b>Semester Total</b>					<b>4,980</b>
<b>Exit with an Advanced Diploma in Science</b>				<b>240</b>	<b>19,920</b>		
3	5	SCI319	Science Communication	Nil	15	56	1,245
		SCI321	Research Project	SCI205	15	56	1,245
			Choose from list below	Nil	15	56	1,245
			Choose from list below	Nil	15	56	1,245
		<b>Semester Total</b>					<b>4,980</b>

6	SCI323	Science and Society	Nil	15	56	1,245
	SCI321	Research Project (continuing)	Nil	15	56	1,245
		Choose from list below	Nil	15	56	1,245
		Choose from list below	Nil	15	56	1,245
	<b>Semester Total</b>					<b>4,980</b>
<b>Total number of credits</b>				<b>360</b>	<b>29,880</b>	

### LIST OF ELECTIVES FOR BACHELOR OF SCIENCE

Select 4 electives, maximum 2 subjects of 200 level can be selected

#	Subject Code	Subject name	Pre-requisite	Credit Points	Contact Hours	FEE
1	BIO219	Biochemistry and Molecular Biology	BIO121	15	56	1,245
2	BIO221	Human Anatomy, Physiology and Pharmacology	BIO121	15	56	1,245
3	ENV223	Ecology and Environmental Systems	Nil	15	56	1,245
4	BIO223	Marine Biology	Nil	15	56	1,245
5	BIO225	Microbiology	Nil	15	56	1,245
6	BIO2XX	Human Health and Disease	BIO121	15	56	1,245
7	BIO303	Concepts of Forensic Biology	BIO121	15	56	1,245
8	BIO305	Applied Ecology	Nil	15	56	1,245
9	BIO307	Marine Ecosystems	Nil	15	56	1,245
10	BIO309	Biodiversity and Conservation	Nil	15	56	1,245
11	BIO3XX	Resource Security and Sustainability	Nil	15	56	1,245
12	BIO311	Food and Environmental Microbiology	BIO225	15	56	1,245
13	BIO313	Applied Molecular Biology and Bioinformatics	BIO219	15	56	1,245
14	BIO3XX	Infectious Disease Control	BIO225	15	56	1,245
15	PUB321	Health Promotion and Public Health	Nil	15	56	1,245
17	BIO315	Blood and Tissue Science	BIO221	15	56	1,245
18	BIO317	Pharmacology and Toxicology	BIO221	15	56	1,245
19	CHE207	Instrumental Analysis	SCI107	15	56	1,245
20	CHE209	Organic Chemistry II	CHE111	15	56	1,245
21	CHE211	Environmental Chemistry	Nil	15	56	1,245
22	CHE213	Fundamentals of Analytical Chemistry	Nil	15	56	1,245
23	CHE219	Material Science	Nil	15	56	1,245
24	CHE215	Medicinal Chemistry	CHE111	15	56	1,245
25	CHE217	Inorganic and Physical Chemistry II	CHE109	15	56	1,245
26	CHE301	Plant and Soil Science	Nil	15	56	1,245
27	CHE303	Forensic Chemistry	CHE207	15	56	1,245
28	CHE305	Food Chemistry and Analysis	Nil	15	56	1,245
29	CHE307	Analytical Chemistry	Nil	15	56	1,245
30	ENV219	Green Buildings and Sustainability	Nil	15	56	1,245
31	ENV221	Earth System Science	Nil	15	56	1,245
32	PHY211	Electrical Technology	PHY113	15	56	1,245
33	PHY209	Electronics and Electrical Principals	Nil	15	56	1,245
34	PHY213	Power Generation	Nil	15	56	1,245
35	PHY207	Quantum Physics	PHY115	15	56	1,245
36	PHY301	Simulations	Nil	15	56	1,245
37	PHY303	Atmosphere and Oceans	PHY2XX	15	56	1,245
38	PHY305	Medical Physics	PHY113	15	56	1,245
39	PHY3XX	Electronics	PHY2XX	15	56	1,245

40	PHY3XX	Mechatronics	PHY113	15	56	1,245
41	PHY3XX	Telecommunication Systems	PHY113	15	56	1,245
42	PHY3XX	Renewable Energy	Nil	15	56	1,245
43	PHY3XX	Digital Circuits	Nil	15	56	1,245
44	ENV319	Earth System Science	Nil	15	56	1,245
45	ENV321	Fisheries Management and Agriculture	Nil	15	56	1,245
46	ENV323	Pollution Prevention and Control	Nil	15	56	1,245
47	ENV325	Meteorology	Nil	15	56	1,245
48	ENV221	Geographic Information System (GIS) and Remote Sensing	Nil	15	56	1,245

**Diploma in Environmental Management**  
**Advanced Diploma in Environmental Management**  
**Bachelor of Environmental Management**

Yr	Sem	Subject Code	Subject Name	Pre-requisite	Credit Points	Contact Hours	FEE	
1	1	ENV103	Introduction to Earth & Marine Science	Nil	15	56	1,245	
		ENV105	Environment and Community Health	Nil	15	56	1,245	
		ENV107	Monitoring & Reporting Environmental Quality	Nil	15	56	1,245	
		<i>Choose one subject from the following electives</i>						
		STA111	Statistical Methods: Descriptive & Inferential Statistics	Nil	15	56	1,245	
		ECO111	Principles of microeconomics	Nil	15	56	1,320	
		ENV001	Environment and Social issues in Maldives	Nil	15	56	1,245	
	<b>Semester Total</b>							<b>4,980-5,055</b>
	2	ENV101	Global Environmental issues in a Local Context	Nil	15	56	1,245	
		ENV109	Sustainable Human Development	Nil	15	56	1,245	
		STA103	Population and Demography	Nil	15	56	1,245	
		<i>Choose one subject from the following electives</i>						
		MGT115	Management and Organization	Nil	15	56	1,320	
		BUS101	Business Communications	Nil	15	56	1,320	
BIO103		Biology2 – Plants and Ecology	Nil	15	56	1,245		
<b>Semester Total</b>							<b>4,980-5,055</b>	
<b>EXIT: Diploma in Environmental Management</b>					<b>60</b>	<b>9,960-10,110</b>		
3	ENV201	Environment Impact Assessment	Nil	15	56	1,245		
	ENV203	Integrated Waste Management	Nil	15	56	1,245		
	ENV209	Natural Resource Management	Nil	15	56	1,245		
	<i>Choose one subject from the following electives</i>							
	ENV211	Environmental Problem Solving	Nil	15	56	1,245		
	CHE201	Fundamentals of Environment Chemistry	Nil	15	56	1,245		
	BIO205	Marine Biology	ENV 103	15	56	1,245		
<b>Semester Total</b>							<b>4,980</b>	

4	ENV205	Ecotourism and Environmental Interpretation	Nil	15	56	1,245
	ENV207	Developing an Environmental Management system	Nil	15	56	1,245
	ENV213	Urban Planning for Sustainable Development	Nil	15	56	1,245
	<i>Choose one subject from the following electives</i>					
	BIO203	Conservation Biology	BIO103	15	56	1,245
	BIO207	Marine Biology 4	ENV103	15	56	1,245
	<b>Semester Total</b>					<b>4,980</b>
<b>EXIT: Advanced Diploma in Environmental Management</b>				<b>240</b>	<b>19,920-20,070</b>	
5	ENV301	Integrated Marine & Coastal Management	Nil	15	56	1,245
	ENV303	Pollution, Prevention & Control	Nil	15	56	1,245
	ENV305	Community Development and Education for the Environment	Nil	15	56	1,245
	<i>Choose one subject from the following electives</i>					
	ENV307	Environmental Economics, Policy and Law OR	Nil	15	56	1,245
	CPT303	Multimedia Technology and Applications	Nil	15	56	1,245
	<b>Semester Total</b>					<b>4,980</b>
6	ENV309	Climate Change & Society		15	56	1,245
	ENV311	Strategic Environmental Assessment and Planning		15	56	1,245
	ENV313	Fisheries Management & Aquaculture		15	56	1,245
	ENV315	Independent Research Project		10	42	830
	ENV317	Environment Affiliate Project		5	14	415
	<b>Semester Total</b>					<b>4,980</b>
<b>Total Credit</b>				<b>360</b>	<b>29,880-30,030</b>	

# Bachelor of Marine Science

Yr	emest	Subject Code	Subject name	Pre-requisites	Credit Points	Contact Hours	FEE	
1	1	BIO123	Life on Earth	Nil	15	56	1,245	
		SCI107	Scientific and Analytical Skills	Nil	15	56	1,245	
		ENV101	Global Environmental issues in a local context	Nil	15	56	1,245	
		CHE1XX	General Chemistry	Nil	15	56	1,245	
		<b>Semester Total</b>				<b>60</b>		<b>4,980</b>
	2	ENV1XX	Field Techniques	Nil	15	56	1,245	
		ENV103	Introduction to earth and marine sciences	Nil	15	56	1,245	
		BIO121	Biology of cells and organisms	Nil	15	56	1,245	
		BIO103	Plants and Ecology	Nil	15	56	1,245	
		<b>Semester Total</b>				<b>60</b>		<b>4,980</b>
2	3	BIO2XX	Fisheries Biology	BIO121	15	56	1,245	
		ENV209	Natural Resource Management	Nil	15	56	1,245	
		ENV215	Geographic Information System	Nil	15	56	1,245	
		BIO219	Ecology and Environmental Systems	Nil	15	56	1,245	
		<b>Semester Total</b>				<b>60</b>		<b>4,980</b>
	4	BIO2XX	Marine Systems Science	Nil	15	56	1,245	
		ENV205	Ecotourism and environmental interpretation	Nil	15	56	1,245	
		SCI205	Research Methods and Experimental Design	Nil	15	56	1,245	
			Elective1		15		1,245	
		<b>Semester Total</b>				<b>60</b>		<b>4,980</b>
3	5	ENV3XX	Coral Reef Biology, Ecology and Management	BIO121	15	56	1,245	
		SCI321	Research Project *	CI205, SCI10	30		2,490	
		SCI323	Science and Society	Nil	15	56	1,245	
			Elective2		15		1,245	
		<b>Semester Total</b>				<b>75</b>		<b>6,225</b>
	6	SCI321	Research Project * (continuation)					-
		ENV3XX	Marine pollution	Nil	15	56	1,245	
			Elective 3		15		1,245	
			Elective 4		15		1,245	
		ENV3XX	Affiliate Internship Programme **	After starting 2nd Year				
<b>Semester Total</b>				<b>45</b>		<b>3,735</b>		
<b>Grand Total</b>					<b>360</b>		<b>29,880</b>	

**List of Electives (Choose 2 from the list below)**

#	Subject Code	Subject name	Pre-requisites	Credit Points	Contact Hours	FEE
1	ENV203	Conservation Biology	Nil	15	56	1,245
2	CHE211	Environmental Chemistry	Nil	15	56	1,245
3	ENV301	Integrated Marine and Coastal Management	Nil	15	56	1,245
4	ENV3XX	Climate Change and Adaptation	Nil	15	56	1,245
5	ENV307	Environmental economics policy and law	Nil	15	56	1,245
6	PHY303	Atmosphere and Oceans	Nil	15	56	1,245
7	BIO307	Marine Ecosystems	Nil	15	56	1,245
8	ENV3XX	Fisheries Management	Nil	15	56	1,245
9	ENV305	Community Development	Nil	15	56	1,245

**4.4 Course Summary (Please prepare a table with the following information.)**

This course is 2 years full time and 4 years part time.

The program activities comprise of compulsory subjects and optional (multiple choice compulsory courses). Students can also choose among three different tracks as follows:

1. Environment
2. Bio-ecology
3. Human Geography

The optional subjects depend on the track the student chooses to continue study.

**Note: 1 credit in EU = 2.5 MNQF credits**

In EU, 1 credit corresponds to 7 hour frontal lesson and implicates 18 hours of individual study. MNQF awards one credit for every ten hours of total learning time.

	Subject Code *	Subject Name	Pre-requisite	MNQF credit points	Contact Hours	Fee	
	<b>Year 1</b>						
	f7502q004	Biodiversity & Marine Ecology	Nil	30	98	6150	
	f7502q006	International Law of the Sea & Marine Environment Protection	Nil	15	56	3720	
	f7502q003	Introduction to Marine Physical Geography	Nil	15	56	3075	
	f7502q002	Introduction to Marine Biology	Nil	15	56	3075	
	f7502q005	Physics of the Sea	Nil	15	56	3075	
		Option 1 (choose from list based on the track)	Nil	15	56	3075	
		Option 2 (choose from list based on the track)	Nil	15	56	3075	
	f7502q001	Chemistry of Marine Environment	Nil	15	56	3075	
	<b>TOTAL</b>			<b>135</b>		<b>28320</b>	

**Semester 1**

1. Introduction to Marine Physical Geography
2. Physics of the Sea
3. Introduction to Marine Biology
4. Biodiversity
5. Marine Ecology
6. International Law of the Sea and Marine Environment Protection
7. Geobiology

**Semester 2**

1. Chemistry of Marine Environment
2. Marine Invertebrate Zoology

	Subject Code *	Subject Name	Pre-requisite	MNQF credit points	Contact Hours	Fee	
	<b>Year 2</b>						
	f7502q007	Coastal and Marine Hazard and Resilience	Nil	15	56	3075	
		Option 3 (choose from list based on the track)	Nil	15	56	3075	
		Option 4 (choose from list based on the track)	Nil	15	56	3075	
	f7502q008	Practical training (internship)	Nil	10	42	2050	
	f7502q030/	Further linguistic knowledge (French-b2 level or higher)	Nil	10	42	1770	
	f7502q031/	Further linguistic knowledge (English-c1 level or higher)	Nil	10	42	1770	
	f7502q032/	Further linguistic knowledge (German-b2 level or higher)	Nil	10	42	1770	
	f7502q033/	Further linguistic knowledge (Spanish-b2 level or higher)	Nil	10	42	1770	
	f7502q034	Further linguistic knowledge (Italian-b2 level or higher)	Nil	10	42	1770	
		Minor dissertation	Nil	30		6150	
	f7502Q010	Final examination	Nil	70		14350	
	<b>TOTAL</b>			<b>165</b>		<b>33545</b>	

\*Code given by University of Milano-Bicocca

\*\* Lectures, tutorials and practical work



