

TABLE 1: UNIVERSITY REQUIRED COURSES (20 CH)

Course Code	Course Title	Credit Hours
UNICORE 1 (UN1)		
MPU 3122K	Tamadun Islam dan Tamadun Asia (TITAS)	2
MPU 3112K	Hubungan Etnik <ul style="list-style-type: none"> • for malaysian students 	2
UNGS 2060K	Malay Virtues, Heritage and Malaysian Society	2
LM 1030K/	Bahasa Melayu I untuk Pelajar Antarabangsa	1
LM 1031K	Bahasa Melayu II untuk Pelajar Antarabangsa	1
LM 1040K	Bahasa Melayu I untuk Pelajar Antarabangsa (<i>Nusantara</i>)	1
LM 1041K	Bahasa Melayu II untuk Pelajar Antarabangsa (<i>Nusantara</i>) <ul style="list-style-type: none"> • for non malaysian students 	1
UNICORE 2 (UN2)		
UNGS 2011K	Creative Thinking and Problem Solving	2
CCHB/HS 1011K	Usrah 1 (BUDI)	0.5
CCHB/HS 1012K	Usrah 2 (BUDI)	0.5
CCLM 2051K	Leadership and Management	0.5
CCFM 2052K	Family Management and Parenting	0.5
SKILL	Skills Package 1	0.5
	Skills Package 2	0.5
LE 4000K	English Academic Writing	3
TQ 1001K	Tilawah Al-Quran I	0.5
TQ 2001K	Tilawah Al-Quran II	0.5
LQ 1008K	Quranic Language I	0.5
LQ 2008K	Quranic Language II	0.5
UNICORE 3 (UN3)		
UNGS 2080K (UNGS 2050 + UNGS 2070)	Ethics and <i>Fiqh</i> of Contemporary Issues	2
UNGS 2090K (UNGS 2030 + UNGS 2040)	Islamic Worldview, Knowledge & Civilization	2
UNICORE 4 (UN4)		
CCCD 1621K	Usrah 3 (BUDI)	1
CCCD 1622K	Usrah 4 (BUDI)	1
TOTAL		20

TABLE 2: KULLIYAH REQUIRED COURSES (6 CH)

Course Code	Course Title	Credit Hours
KOS 1110	Computers in Science	3
MGT 2010K	Principles & Practice of Management	3
TOTAL		6

TABLE 3: GENERAL CORE COURSES (84 CH)

Course code	Title	Credit Hours
SMT 1113	Environmental Science	3
SMT 1123	Calculus	3
SMT 1213	Physical Oceanography	3
SMT 1223	Chemical Oceanography	3
SMT 1233	Biological Oceanography	3
SMT 1242	Ocean Law and Policy	3
SMT 2113	Marine Electronic and Instrumentation	3
SMT 2123	Environmental Impacts Assessment	3
SMT 2133	Marine Pollution	3
SMT 2143	GIS and Remote Sensing	3
SMT 2213	Tropical Marine Ecosystem	3
SMT 2223	Basic Navigation and Seamanship	3
SMT 2233	Atmosphere, Ocean and Climate	3
SMT 2243	Biostatistic	3
SMT 2253	Environmental Toxicology	3
SMT 3113	Marine Expedition	3
SMT 3123	Seafood Security	3
SMT 3133	Integrated Coastal Zone Management	3
SMT 3143	Marine Biodiversity and Conservation	3
SMT 3153	Research Methodology	3
SMT 3163	Coastal Geomorphology and Processes	3
SMT 3171	Project Seminar	1
SMT 3213	Final Year Project (1)	3
SMT 4115	Final Year Project (2)	5
SMT 4900	Internship	12
	Total	84

YEAR 1

SEMESTER I		
Course Code	Title	Credit Hours
SMT 1113	Environmental Science	3 (2+1)
SMT 1123	Calculus	3 (3+0)
KOS 1110	Computers in Science	3 (3+0)
MGT 2010K	Principles and Practices of Management	3 (3+0)
UNGS 2090K	Islamic Worldview, Knowledge & Civilization	2
TQB/TQS 1001K	Tilawah al-Qur'ān I	0.5
TOTAL		14.5

SEMESTER II		
Course Code	Title	Credit Hours
SMT 1213	Physical Oceanography	3 (2+1)
SMT 1223	Chemical Oceanography	3 (2+1)
SMT 1233	Biological Oceanography	3 (2+1)
SMT 1243	Ocean Law and Policy	3 (3+0)
MPU 3122K	Tamadun Islam dan Tamadun Asia (TITAS) • <i>for Malaysian student</i>	2
LE 4000K	English for Academic Writing (EAW)	3
TQB / TQS 2001K	Tilawah al-Qur'ān II	0.5
LQ 1008K	Quranic Language I	0.5
UNGS 2060K	Malay Virtues, Heritage and Malaysian Society	2
LM 1030K / LM 1040K	Bahasa Melayu I (<i>for International Students</i>) / Bahasa Melayu I (<i>for Nusantara Students</i>)	1 1
CC**3**1K	SKILL 1	0.5
CCHB/S 1011K	Usrah 1 (Budi)	0.5
TOTAL		19/20 for international student)

YEAR 2

SEMESTER III (18.5 CH)		
Course Code	Title	Credit Hours
SMT 2113	Marine Electronic and Instrumentation	3 (2+1)
SMT 2123	Environmental Impacts Assessment	3 (3+0)
SMT 2133	Marine Pollution	3 (3+0)
SMT 2143	GIS and Remote Sensing	3 (2+1)
MPU 3112K	Hubungan Etnik • <i>for Malaysian student</i>	2
UNGS 2080K	Ethics and <i>Fiqh</i> of Contemporary Issues	2
LQ 2008K	Quranic Language II	0.5
LM 1031K / LM 1041K	Bahasa Melayu II (<i>for International Students</i>) / Bahasa Melayu II (<i>for Nusantara Students</i>)	1 1
CC**3**2K	Skill 2	0.5
	TOTAL	17 / 16 for international student

SEMESTER IV (18.5 CH)		
Course Code	Title	Credit Hours
SMT 2213	Tropical Marine Ecosystem	3 (2+1)
SMT 2223	Basic Navigation and Seamanship	3 (3+0)
SMT 2233	Atmosphere, Ocean and Climate	3 (2+1)
SMT 2243	Biostatistics	3 (3+0)
SMT 2253	Environmental Toxicology	3 (2+1)
CCHB/HS 1012K	Usrah 2 (BUDI)	0.5
UNGS 2011K	Creative Thinking and Problem Solving	2
	TOTAL	17.5

YEAR 3

SEMESTER V (18.5 CH)		
Course Code	Title	Credit Hours
SMT 3113	Marine Expedition	3 (3+0)
SMT 3123	Seafood Security	3 (3+0)
SMT 3133	Integrated Coastal Zone Management	3 (3+0)
SMT 3143	Marine Biodiversity and Conservation	3 (2+1)
SMT 3153	Research Methodology	3 (3+0)
SMT 3163	Coastal Geomorphology and Processes	3 (2+1)
SMT 3171	Project Seminar	1 (0+1)
CCLM 2051K	Leadership and Management	0.5
CCCD 1621K	Usrah 3 (BUDI)	1
	TOTAL	20.5

SEMESTER VI (18.5 CH)

Course Code	Title	Credit Hours
SMT 3213	Final Year Project 1	3
SMT ****	Concentration Courses (Package I)*	12
CCFM2052K	Family Management and Parenting	0.5
	TOTAL	15.5

YEAR 4**SEMESTER VII (17 CH)**

Course Code	Title	Credit Hours
SMT 4115	Final Year Project 2	5
SMT ****	Concentration Courses (Package II)*	9
CCCD 1622K	Usrah 4 (BUDI)	1
	TOTAL	15

SEMESTER VIII (12 CH)

Course Code	Title	Credit Hours
SMT 4900	Internship	12
	TOTAL	12

* Students are required to choose one of the three Concentrations, as shown below:

Concentration Courses (21 CH)

1. Integrated Coastal Zone Management

Package I (12 CH): Compulsory		
Course Code	Title	Credit Hours
SMT 4513	Coastal and Estuaries Management	3
SMT 4523	Remote Sensing for Marine Application	3
SMT 4533	Climate Change Adaptation	3
SMT 4543	GIS for Coastal Zone Management	3

Package II (9 CH): Students must choose 3 of the 4 following courses		
Course Code	Title	Credit Hours
SMT 4553	Coastal Numerical Modeling	3
SMT 4563	Marine Ecotourism	3
SMT 4573	Sustainable Development of Coastal Communities	3
SMT 4583	Island Ecosystem and Management	3

2. Aquaculture and Sea Farming

Package I (12 CH): Compulsory		
Course Code	Title	Credit Hours
SMT 4613	Fish Biology and Behavior	3
SMT 4623	Fish Health	3
SMT 4633	Nutrition and Feeding	3
SMT 4643	Hatchery Design and Technology	3

Package II (9 CH): Students must choose 3 of the 4 following courses		
Course Code	Title	Credit Hours
SMT 4653	Ecological Aquaculture	3
SMT 4663	Marine Microbiology	3
SMT 4673	Seed Production and Culture Technique	3
SMT 4683	Mariculture Technology	3

3. Fisheries and Post Harvest Technology

Package I (12 CH): Compulsory		
Course Code	Title	Credit Hours
SMT 4713	Fisheries Oceanography	3
SMT 4723	Fisheries Technology	3
SMT 4733	Fisheries Economics and Marketing	3
SMT 4743	Fish Population Dynamics	3

Package II (9 CH): Students must choose 3 of the 4 following courses		
Course Code	Title	Credit Hours
SMT 4753	Fisheries Legislation and Regulation	3
SMT 4763	Fishery Products and Quality Control	3
SMT 4773	Post Harvest Processing and Technology	3
SMT 4783	Fishing Port and Management	3