

Struktur Program Sains Laut (3 laluan) / Marine Science Programme Structure (3 tracks)

TAHUN	SEM	TERAS		CITRA UNIVERSITI			LALUAN			JUMLAH U//S	
		Wajib Fakulti (WF)	Wajib Major (WM)	Citra Wajib (CW)	Citra Dalam (CD)	Citra Luar (CL)	Keusahawanan (U)	Industri (I)	Kesarjanaan (S)		
1	I	LMCE1042/ LMCE1062/ LMCE1072/ LMCE1082	STAL1013 STAL1212			C1	LMCK1331(C2) LMCK1531(C4) C1 – C6				9 [^]
	II	LMCE1052	STAL1022 STAL1023	LMCW1022	STKK1233	C2	LMCK1421(C3) LMCK1621(C1) C1 – C6				12/14 [^]
						C3					
2	I	LMCE1062/ LMCE2082/ LMCE2092/ LMCE2103	STAL2013 STAL2033 STAL2073	LMCW2022 LMCW2163		C4	LMCK2711(C5) LMCK2811(C6)				18/19 [^]
	II		STAL2043 STAL2063 STAL2093 STAL2232	LMCW2173		C5					
						C6	C1-C6			14 [^]	
3	I	LMCE3051/ LMCE3061/ LMCE3071	STAL3022 STAL3033 STAL3072 STAL3133 STAL3282		STPD3013			CMIE2013	STAL2243	STAL2223	19
	II		STAL3992					CMIE2023 CMIE3016	STAL3062 STAL3082 STAL3083 STAP3032	STAL3213 STAL3253 STAL3283	11
4	I		STAL4996					CMIE3033	STAL3073	STAL3053	9
	II		STAL4889 (12 kredit)								12
		5 [*]	62	10	10	20	15	15	15	104 [^]	
JUMLAH PENUH		67 [*]		40			15			122 [*]	

Petunjuk:

- * Bagi pelajar MUET 2 mengambil 7 kredit (tambahan 2 kredit). Sila rujuk Senarai Kursus Wajib Fakulti.
- ^ Bilangan unit tidak termasuk jumlah kredit Citra C1-C6 yang tidak dinyatakan kod kursus

Kursus Citra Universiti

C1 – Minimum 4 kredit C2 – Minimum 4 kredit C3 – Minimum 2 kredit

C4 – Minimum 2 kredit C5 – Minimum 2 kredit C6 – Minimum 2 kredit

CD - Citra Dalam Fakulti – **MAKSIMUM 10 UNIT**

CL - Citra Luar Fakulti – **MINIMUM 20 UNIT**

SENARAI KURSUS/ LIST OF COURSES

Taraf	Kursus	Tajuk	Title
Wajib Fakulti (WF)	LMCE1042	<i>Breakthrough English (MUET 2)</i>	
	LMCE1052	<i>Bridging English (MUET 2)</i>	
	LMCE1062	<i>Academic Interaction (MUET 2&3)</i>	
	LMCE1072	<i>Academic Literacy (MUET 4)</i>	
	LMCE1082	<i>Page to Stage (MUET 5&6)</i>	
	LMCE2082	<i>Pro-Talk English (MUET 3)</i>	
	LMCE2092	<i>Speak to Persuade (MUET 4)</i>	
	LMCE2103	<i>Advanced Communication Project (MUET 5&6)</i>	
	LMCE3051	<i>Let's Get Talking (MUET 2)</i>	
LMCE3061	<i>Corporate Storytelling (MUET 3)</i>		
LMCE3071	<i>Professional Communication (MUET 4)</i>		
Wajib Major (WM)	STAL1013	Pengenalan Kepelbagaian Fauna Marin	<i>Introduction to Marine Fauna Diversity</i>
	STAL1022	Iktiologi	<i>Ichthyology</i>
	STAL1023	Pengenalan Kepelbagaian Flora Marin	<i>Introduction to Marine Flora Diversity</i>
	STAL1212	Kemahiran Asas dalam Sains Marin	<i>Basic Skills in Marine Sciences</i>
	STAL2013	Ekologi Marin	<i>Marine Ecology</i>
	STAL2033	Oseanografi Fizis Deskriptif	<i>Descriptive Physical Oceanography</i>
	STAL2043	Mikrobiologi Marin	<i>Marine Microbiology</i>
	STAL2063	Ekologi Benthik	<i>Benthic Ecology</i>
	STAL2073	Kaedah Statistik Untuk Sains Laut dan Atmosfera	<i>Statistical Methods for Ocean and Atmospheric Science</i>
	STAL2093	Kimia Marin	<i>Marine Chemistry</i>
	STAL2232	Pengenalan Akustik Marin	<i>Introduction to Marine Acoustics</i>
	STAL3022	Undang-Undang dan Polisi Marin	<i>Law and Marine Policy</i>
	STAL3033	Pencemaran Sekitaran	<i>Environmental Pollution</i>
	STAL3072	Biologi Terumbu Karang	<i>Coral Reef Biology</i>
	STAL3133	Fouling Marin dan Kakisan	<i>Marine Fouling and Corrosion</i>
	STAL3282	Kaedah Survei Ekosistem Marin	<i>Marine Ecosystem Survey Method</i>
	STAL4889	Latihan Industri	<i>Industrial Training</i>
	STAL3992	Latihan Ilmiah I	<i>Research Project I</i>
STAL4996	Latihan Ilmiah II	<i>Research Project II</i>	
Citra Wajib (CW)	LMCW1022	Asas Keusahawanan dan Inovasi	<i>Fundamentals of Entrepreneurship and Innovation</i>
	LMCW2022	Pengurusan dan Analitik Data	<i>Data Management and Analytic</i>
	LMCW2163	Tamadun Islam dan Tamadun Asia	<i>Islamic and Asian Civilization</i>
	LMCW2173	Hubungan Etnik	<i>Ethnic Relationships</i>

Citra Dalam (CD)	STKK1233	Kimia Am I	<i>General Chemistry I</i>
	STPD3013	Komunikasi Sainifik	<i>Scientific Communication</i>
Citra Luar (CL)	LMCK1331	Komunikasi Efektif (C2)	<i>Effective Communication (C2)</i>
	LMCK1421	Pemikiran Kritikal dan Penyelesaian Masalah (C3)	<i>Critical Thinking and Problem Solving (C3)</i>
	LMCK1531	Kepimpinan dan Kreativiti (C4)	<i>Leadership and Creativity (C4)</i>
	LMCK1621	Etika dan Profesional (C1)	<i>Ethics and Professionals(C1)</i>
	LMCK2711	Tanggungjawab Alam Sekitar (C5)	<i>Environmental Responsibility (C5)</i>
	LMCK2811	Sosial dan Kebertanggungjawaban (C6)	<i>Social and Responsibility (C6)</i>
Keusahawanan (U)	CMIE2013	Usahaniaga Asas I	<i>Junior Startup I</i>
	CMIE2023	Usahaniaga Asas II	<i>Junior Startup II</i>
	CMIE3016	Urusniaga Lanjutan	<i>Senior Business Startup</i>
	CMIE3033	Kajian Kes Keusahawanan	<i>Entrepreneurship Case Studies</i>
Industri (I)	STAL2243	Oseanografi Dinamik	<i>Dynamic Oceanography</i>
	STAL3062	Pengurusan dan Pemuliharaan Sumber Marin	<i>Management and Conservation of Marine Resources</i>
	STAL3073	Sains dan Teknologi Perikanan	<i>Fisheries Sciences and Technology</i>
	STAL3082	Pengenalan Akuakultur	<i>Introduction to Aquaculture</i>
	STAL3083	Bioteknologi Marin	<i>Marine Biotechnology</i>
	STAP3032	Penilaian Impak Alam Sekitar	<i>Environmental Impact Assessment</i>
Kesarjaan (S)	STAL2223	Geologi Marin	<i>Marine Geology</i>
	STAL3053	Pengenalan Penderiaan Jauh Sekitaran	<i>Introduction to Environmental Remote Sensing</i>
	STAL3213	Sedimentologi dan Hidrogeomorfologi	<i>Sedimentology and Hydrogeomorphology</i>
	STAL3253	Pengenalan Meteorologi Marin	<i>Introduction to Marine Meteorology</i>
	STAL3283	Biogeokimia dan Kitaran Unsur	<i>Biogeochemistry and Elemental Cycles</i>