

Struktur Program Sains Sekitaran (3U+1i) / Environmental Science Programme Structure (3U+1i)

TAHUN	SEM	TERAS			CITRA UNIVERSITI			JUMLAH
		Wajib Fakulti (WF)	Wajib Major (WM)	Elektif (wajib pilih satu)	Citra Wajib (CW)	Citra Dalam (CD)	Citra Luar (CL)	
1	I	LMCE1042/ LMCE1062/ LMCE1072/ LMCE1082	STAE1012 STAE1213 STAE1413			C1-C6	LMCK1331(C2) LMCK 1531(C4)	12 [^]
	II	LMCE1052	STAE1022 STAE1223 STAE1423		LMCW1022	C1-C6	LMCK1421(C3) LMCK1621(C1)	12/14 [^]
2	I	LMCE1062/ LMCE2082/ LMCE2092/ LMCE2103	STAE2033 STAE2233 STAE2432 STAE2433	STAE2132/ STAE2332/ STAE2532/ STAE2732	LMCW2022 LMCW2163		LMCK2711(C5) LMCK2811(C6)	22/23
	II		STAE2043 STAE2252 STAE2443 STAE2452	STAE2172/ STAE2342/ STAE2352/ STAE2542	LMCW2173	C1-C6	C1 – C6	15 [^]
3	I	LMCE3051/ LMCE3061/ LMCE3071	STAE3052 STAE3053 STAE3252 STAE3992	STAE3152/ STAE3552/ STAE3742/ STAE3752/ STAE3952			C1 – C6	12 [^]
	II		STAE3062 STAE3262 STAE3996	STAE3162/ STAE3362/ STAE3562/ STAE3572/ STAE3762				12
4	I		STAE4879 (14 kredit)					14
	II		STAE4889 (12 kredit)					12
		5 [*]	82	8	10	10	10	111 [^]
JUMLAH PENUH		95 [*]			30			125 [*]

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 10 UNIT**

Pengiraan Unit Latihan Industri STAE4879(14 kredit) & STAE4889 (12 kredit):

⁽⁺⁾-Pengiraan WBL: 20 minggu X 5hari X 8 jam = (800 jam X 0.7)/40 = 14 unit kredit⁽⁺⁺⁾-Pengiraan WBL: 24 minggu X 5 hari X 8 jam = (960 jam X 0.5)/40 = 12 unit kredit**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)	STAE1012	Pengenalan Undang-Undang dan Dasar Alam Sekitar	<i>Introduction to Environmental Laws and Policies</i>
	STAE1022	Sumber Tenaga dan Alam Sekitar	<i>Energy Resources and the Environment</i>
	STAE1213	Prinsip Sains Sekitaran	<i>Principle of Environmental Science</i>
	STAE1223	Ekologi Akuatik	<i>Aquatic Ecology</i>
	STAE1413	Asas Fizik Bumi	<i>Basic Earth Physic</i>
	STAE1423	Analisis Kuantitatif dan Instrumentasi	<i>Quantitative Analyses and Instrumentation</i>
	STAE2033	Sains Tanah Sekitaran	<i>Environmental Soil Science</i>
	STAE2043	Statistik Dalam Sains Sekitaran	<i>Statistics in Environmental Sciences</i>
	STAE2233	Pengenalan Penderiaan Jauh dan GIS	<i>Introduction To Remote Sensing And GIS</i>
STAE2252	Hidrologi	<i>Hydrology</i>	

	STAE2432	Kimia Air	<i>Water Chemistry</i>
	STAE2433	Sains Atmosfera	<i>Atmospheric Science</i>
	STAE2443	Komunikasi Saintifik Dalam Sains Sekitaran	<i>Scientific Communication For Environmental Science</i>
	STAE2452	Toksikologi Persekitaran	<i>Environmental Toxicology</i>
	STAE3052	Keselamatan dan Kesihatan Pekerjaan	<i>Occupational Safety and Health</i>
	STAE3053	Penilaian Impak Alam Sekitar (EIA)	<i>Environmental Impact Assessment (EIA)</i>
	STAE3062	Pengurusan Sisa Pepejal dan Sisa Terjadual	<i>Solid Waste and Scheduled Waste Management</i>
	STAE3252	Penilaian Risiko Alam Sekitar	<i>Environmental Risk Assessment</i>
	STAE3262	Bencana Alam	<i>Natural Disaster</i>
	STAE3992	Latihan Ilmiah I	<i>Research Project I</i>
	STAE3996	Latihan Ilmiah II	<i>Research Project II</i>
	STAE4879	Latihan Industri I	<i>Industrial Training I</i>
	STAE4889	Latihan Industri II	<i>Industrial Training II</i>
	STAE2132	Biokejuruteraan Tanah	<i>Soil Bioengineering</i>
	STAE2172	Biomonitoran	<i>Biomonitoring</i>
	STAE2332	Penyakit dan Sekitaran	<i>Disease and Environment</i>
	STAE2342	Pemetaan dan Geomorfologi Sekitaran	<i>Mapping and Environmental Geomorphology</i>
	STAE2352	Penderiaan Jauh dan GIS Lanjutan	<i>Advanced Remote Sensing And GIS</i>
	STAE 2532	Mineral dan Batuan	<i>Mineral and Rock</i>
	STAE2542	Teknologi Perawatan Air	<i>Water Treatment Technology</i>
	STAE2732	Analisis Kualiti Air dan Udara	<i>Water and Air Quality Analysis</i>
Pilihan (P)	STAE3152	Penilaian dan Pengurusan Hutan Tropika	<i>Assessment and Management of Tropical Forest</i>
	STAE3162	ISO 14000	<i>ISO14000</i>
	STAE3362	Sanitasi dan Kesihatan Tropika	<i>Sanitation and Tropical Health</i>
	STAE3552	Pengurusan Hidupan Liar	<i>Wildlife Management</i>
	STAE3562	Penilaian Kitar Hayat	<i>Life Cycle Assessment</i>
	STAE3572	Pengurusan Tanah	<i>Soil Management</i>
	STAE3742	Pencemaran Alam Sekitar	<i>Environmental Pollution</i>
	STAE3752	Penggunaan dan Penilaian Tanah	<i>Evaluation and Use of Land</i>
	STAE3762	Remediasi Alam Sekitar	<i>Environmental Remediation</i>
	STAE3952	Pengurusan dan Etika Alam Sekitar	<i>Management and Environmental Ethics</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 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>