

## Struktur Program Sains Makanan dan Pemakanan/ Food Science and Nutrition Programme Structure

TAHUN	SEMESTER	TERAS			PENDIDIKAN CITRA			LALUAN			JUMLAH		
		Wajib Fakulti (WF)	Wajib Program (WP)	Wajib Major (WM)	Citra Wajib (CW)	Citra Dalam (CD)	Citra Luar (CL)	Keusahawanan (U)	Industri (I)	Kesarjanaan (S)	U	I	S
1	I	LMCE1042/ LMCE1062/ LMCE1072/ LMCE1082		STKM1012 STKM1222 STKM1721			LMCK1331(C2) LMCK1531(C4)				9 <sup>A</sup>		
	II	LMCE1052	STBP1023 STBP1043	STKM1422 STKM1121	LMCW1022 LMCW2022		LMCK1421(C3) LMCK1621(C1)				15/17 <sup>A</sup>		
2	I	LMCE1062/ LMCE2082/ LMCE2092/ LMCE2103	STBP2013	STKM2112 STKM2211 STKM2372 STKM2411 STKM2512 STKM2711	LMCW2163						17/18 <sup>A</sup>		
	II			STKM2013 STKM2022 STKM2522				EPPM2014	STKK2722 STKM2321 STKM2622	7 <sup>A</sup>	11 <sup>A</sup>	12 <sup>A</sup>	
3	I	LMCE3051/ LMCE3061/ LMCE3071		STKM3322 STKM3212 STKM3311			LMCK2711(C5) LMCK2811(C6)	CMIE3016	STKM3222 STKM3721	STAB3043 STKM3122 STKM3721	14 <sup>A</sup>	11 <sup>A</sup>	14 <sup>A</sup>
	II			STKM3113 STKM3521 STKM3912	LMCW2173				STKM3993		9 <sup>A</sup>	12 <sup>A</sup>	9 <sup>A</sup>
	III							CMIE2036 CMIE3033			9 <sup>A</sup>	-	
4	I			STKM4412 STKM4926					STKM4612 STKM4173	STKM4012 STKM4522	8 <sup>A</sup>	13 <sup>A</sup>	12 <sup>A</sup>
	II			STKM4889 (12 kredit)							12		
<b>JUMLAH PENUH</b>		5*	9	55	10	30		15	15	15	100		
		69*			40			15			124*		

**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**

<b>Taraf</b>	<b>Kursus</b>	<b>Tajuk</b>	<b>Title</b>
Wajib Fakulti (WF)	LMCE1042	<i>Breakthrough English (MUET 2)</i>	
	LMCE1052	<i>Bridging English (MUET 2)</i>	
	LMCE1062	<i>Academic Interaction (MUET 2&amp;3)</i>	
	LMCE1072	<i>Academic Literacy (MUET 4)</i>	
	LMCE1082	<i>Page to Stage (MUET 5&amp;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&amp;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 Program (WP)	STBP1023	Biologi Sel	<i>Cell Biology</i>
	STBP1043	Mikrobiologi Asas	<i>Fundamental Microbiology</i>
	STBP2013	Biokimia	<i>Biochemistry</i>
Wajib Major (WM)	STKM1012	Asas Sains Makanan dan Pemakanan	<i>Basic Food Science and Nutrition</i>
	STKM1121	Amali Kimia Makanan	<i>Food Chemistry Laboratory</i>
	STKM1222	Pengawetan Makanan	<i>Food Preservation</i>
	STKM1422	Kimia Makanan	<i>Food Chemistry</i>
	STKM1721	Amali Pengawetan Makanan	<i>Food Preservation Laboratory</i>
	STKM2013	Penilaian Sensori Makanan	<i>Food Sensory Evaluation</i>
	STKM2022	Kualiti, Keselamatan & Perundangan Makanan	<i>Food Law, Quality and Safety</i>
	STKM2112	Mikrobiologi Makanan	<i>Food Microbiology</i>
	STKM2211	Amali Analisis Makanan	<i>Food Analysis Laboratory</i>
	STKM2372	Analisis Makanan	<i>Food Analysis</i>
	STKM2411	Amali Mikrobiologi Makanan	<i>Food Microbiology Laboratory</i>
	STKM2512	Pemakanan	<i>Nutrition</i>
STKM2522	Pemakanan Semasa Kitaran Hidup	<i>Nutrition Throughout the Life Cycle</i>	

	STKM2711	Amali Pemakanan	<i>Nutritional Laboratory</i>
	STKM3113	Pembangunan Produk Makanan	<i>Food Product Development</i>
	STKM3212	Teknologi Pemprosesan Makanan	<i>Food Processing Technology</i>
	STKM3311	Amali Pemprosesan Makanan	<i>Food Processing Laboratory</i>
	STKM3322	Komunikasi Saintifik	<i>Scientific Communication</i>
	STKM3521	Rekabentuk Eksperimen dan Analisis Data Sains Makanan	<i>Food Science Experimental Design and Data Analysis</i>
	STKM3912	Latihan Ilmiah I	<i>Research Project I</i>
	STKM4412	Pemakanan Komuniti	<i>Community Nutrition</i>
	STKM4926	Latihan Ilmiah II	<i>Research Project II</i>
	STKM4889	Latihan Industri	<i>Industrial Training</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>
Keusahawanan (U)	CMIE2036	Rundingcara EKS	<i>SME Consultation</i>
	CMIE3016	Usahaniaga Lanjutan	<i>Senior Startup</i>
	CMIE3033	Kajian Kes Keusahawanan	<i>Entrepreneurship Case Study</i>
Industri (I)	EPPM2014	Komunikasi Perniagaan	<i>Business Communications</i>
	STKM3222	Pengurusan Makanan Halal	<i>Management of Halal Food</i>
	STKM3721	Seminar	<i>Seminar</i>
	STKM3993	Pemprosesan Produk Makanan Industri	<i>Industrial Food Product Processing</i>
	STKM4173	Pensijilan Sistem GMP dan HACCP	<i>GMP &amp; HACCP System Certification</i>

	STKM4612	Pengenalan Pengurusan Industri Makanan	<i>Introduction to Food Industrial Management</i>
Kesarjanaan (S)	STAB3043	Analisis Statistik Biologi	<i>Statistical Analysis in Biology</i>
	STKK2722	Kaedah Pemisahan	<i>Separation Methods</i>
	STKM2321	Amali Analisis Kimia Makanan Lanjutan	<i>Advanced Chemical Food Analysis Laboratory</i>
	STKM2622	Analisis Kimia Makanan Lanjutan	<i>Advanced Chemical Analysis of Food</i>
	STKM3122	Bioteknologi dan Ingredien Makanan	<i>Biotechnology and Food Ingredients</i>
	STKM3712	Pemakanan Lanjutan	<i>Advance Nutrition</i>
	STKM4012	Toksikologi Makanan	<i>Food Toxicology</i>
	STKM4522	Diet Terapi	<i>Diet Therapy</i>