

NAME OF HEP:

UNIVERSITI TUNKU ABDUL RAHMAN

NAME OF ACCREDITED PROGRAMME:

BACHELOR OF SCIENCE (HONOURS) BIOCHEMISTRY

NO.	NAME OF MICRO-CREDENTIAL	CREDIT VALUE	ASSESSMENT		MODE OF DELIVERY	REQUIREMENTS TO ENROL					
			CONTINUOUS ASSESSMENT	FINAL ASSESSMENT		AGE	EXPERIENCE	LANGUAGE PROFICIENCY	NUMERACY PROFICIENCY	PREREQUISITES	OTHERS
1	UFAH1083 MICRO-CREDENTIAL: BASIC PROFESSIONAL WRITING	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
2	UFAH2033 MICRO-CREDENTIAL: ETHICS AND CONTEMPORARY SOCIAL ISSUES	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
3	UFBB2013 MICRO-CREDENTIAL: ENTREPRENEURSHIP	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
4	MFPB33053 MICRO-CREDENTIAL: INTRODUCTION TO POLITICAL SCIENCE	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
5	MFPB33063 MICRO-CREDENTIAL: CULTURE AND COMMUNICATION	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
6	UFDE1164 MICRO-CREDENTIAL: ORGANIC CHEMISTRY	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
7	UFDH1204 MICRO-CREDENTIAL: STRUCTURAL BIOCHEMISTRY	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
8	UFDB1673 MICRO-CREDENTIAL: MATHEMATICS FOR BIOSCIENCE	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
9	MFPB32013 MICRO-CREDENTIAL: BAHASA KEBANGSAAN A	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
10	UFAE1003 MICRO-CREDENTIAL: INTRODUCTION TO GERMAN LANGUAGE	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
11	UFAK1013 MICRO-CREDENTIAL: INTRODUCTION TO CHINESE LANGUAGE II	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
12	UFAN1023 MICRO-CREDENTIAL: INTRODUCTION TO CHINESE LANGUAGE III	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
13	UFAH1003 MICRO-CREDENTIAL: INTRODUCTION TO FRENCH	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No

14	UFAB2013 MICRO-CREDENTIAL: INTRODUCTION TO JAPANESE	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
15	UFAK1003 MICRO-CREDENTIAL: INTRODUCTION TO TAMIL LANGUAGE	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
16	UFAN1003 MICRO-CREDENTIAL: INTRODUCTION TO THAI LANGUAGE	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
17	UFJB1073 MICRO-CREDENTIAL: COMMUNICATIVE TAMIL FOR HEALTH SCIENCES	3	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
18	UFJB1093 MICRO-CREDENTIAL: INTRODUCTION TO KOREAN	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
19	UFLH1003 MICRO-CREDENTIAL: INTRODUCTION TO CHINESE LANGUAGE I	3	60%	40%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
20	MFPB32053 MICRO-CREDENTIAL: ENGLISH FOR SCIENCE	3	60%	40%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
21	UFCEB1613 MICRO-CREDENTIAL: COMPUTER SYSTEMS AND APPLICATIONS	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
22	UFDB1154 MICRO-CREDENTIAL: PHYSICAL CHEMISTRY	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
23	UFDB1104 MICRO-CREDENTIAL: CELL BIOLOGY	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
24	UFDE1213 MICRO-CREDENTIAL: PRINCIPLES OF NUTRITION	3	30%	70%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
25	UFAB1013 MICRO-CREDENTIAL: MALAYSIA: CULTURAL AND RELIGIOUS PRACTICES	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
26	UFBB1013 MICRO-CREDENTIAL: ORGANISATION AND HUMAN RESOURCE	3	50%	50%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
27	UFBN1013 MICRO-CREDENTIAL: MANAGEMENT PRINCIPLES	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
28	MFPB3113 MICRO-CREDENTIAL: HUBUNGAN ETNIK	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No

29	MFPB3173 MICRO-CREDENTIAL: MALAYSIAN STUDIES 3	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
30	MFPB34012 MICRO-CREDENTIAL: SOCIAL ENTREPRENEURSHIP PROJECT	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
31	MFPB34022 MICRO-CREDENTIAL: ARTS AND CULTURAL PERFORMANCE	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
32	MFPB34032 MICRO-CREDENTIAL: COMMUNITY PROJECT	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
33	MFPB34042 MICRO-CREDENTIAL: LANGUAGE, CULTURE AND SOCIAL STUDY ABROAD	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
34	MFPB34052 MICRO-CREDENTIAL: TEAM WORK AND COLLABORATIVE PROJECT	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
35	MFPB34062 MICRO-CREDENTIAL: STUDY SOFT SKILLS AND/OR LIFE SKILLS ABROAD	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
36	MFPB34072 MICRO-CREDENTIAL: ART,CRAFT, AND DESIGN	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
37	MFPB34082 MICRO-CREDENTIAL: ORAL COMMUNICATION	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
38	MFPB34092 MICRO-CREDENTIAL: MUSIC PERFORMANCE	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
39	MFPB34102 MICRO-CREDENTIAL: MANAGING PERSONAL FINANCE	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
40	MFPB34112 MICRO-CREDENTIAL: WORK ETHICS AND EQ	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
41	MFPB34132 MICRO-CREDENTIAL: MANAGEMENT OF SPORTS ACTIVITY	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
42	MFPB34142 MICRO-CREDENTIAL: CRITICAL THINKING, CREATIVE THINKING AND PROBLEM SOLVING	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
43	MFPB34152 MICRO-CREDENTIAL: LEADERSHIP AND TEAMBUILDING	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No

44	MFPB34162 MICRO-CREDENTIAL: BUSINESS PLAN WRITING & PREPARATION	2	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
45	UFBB1011 MICRO-CREDENTIAL: SUN ZI'S ART OF WAR AND BUSINESS STRATEGIES	1	100%	0%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
46	UFDE2104 MICRO-CREDENTIAL: METABOLISM I	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFDH1204 MICRO-CREDENTIAL: STRUCTURAL BIOCHEMISTRY	No
47	UFDB2114 MICRO-CREDENTIAL: MICROBIOLOGY	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFDHE1104 MICRO-CREDENTIAL: CELL BIOLOGY	No
48	UFDH2124 MICRO-CREDENTIAL: PRINCIPLES OF BIOTECHNOLOGY	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
49	UFDH2134 MICRO-CREDENTIAL: ENZYMOLGY I	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFDH1204 MICRO-CREDENTIAL: STRUCTURAL BIOCHEMISTRY	No
50	MFPB3123 MICRO-CREDENTIAL: TAMADUN ISLAM DAN TAMADUN ASIA (TITAS)	3	70%	30%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
51	MFPB3143 MICRO-CREDENTIAL: BAHASA MELAYU KOMUNIKASI 2	3	60%	40%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	None	None	No
52	UFDE2204 MICRO-CREDENTIAL: MOLECULAR BIOLOGY	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
53	UFDB2213 MICRO-CREDENTIAL: INDUSTRIAL BIOCHEMISTRY	3	30%	70%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
54	UFDB2224 MICRO-CREDENTIAL: GENETICS	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFDHE1104 MICRO-CREDENTIAL: CELL BIOLOGY	No
55	UFDB2234 MICRO-CREDENTIAL: CELL AND TISSUE CULTURE TECHNIQUES	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
56	UFDB3113 MICRO-CREDENTIAL: METABOLISM II	3	30%	70%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFDE2104 MICRO-CREDENTIAL: METABOLISM I	No
57	UFDE3123 MICRO-CREDENTIAL: ENZYMOLGY II	3	30%	70%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFDH2134 MICRO-CREDENTIAL: ENZYMOLGY I	No
58	UFDE3134 MICRO-CREDENTIAL: INSTRUMENTAL METHODS AND ANALYTICAL BIOCHEMISTRY	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No

59	UFDE3144 MICRO-CREDENTIAL: CLINICAL BIOCHEMISTRY	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFDE2104 MICRO-CREDENTIAL: METABOLISM I	No
60	UFDB3102 MICRO-CREDENTIAL: INTRODUCTION TO NEUTRACEUTICALS	2	30%	70%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
61	UFDB3112 MICRO-CREDENTIAL: PROTEINS AND PROTEOMICS	2	30%	70%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
62	UFDB3122 MICRO-CREDENTIAL: FOOD SAFETY AND QUALITY ASSURANCE	2	30%	70%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
63	UFDB3213 MICRO-CREDENTIAL: PLANT BIOCHEMISTRY	3	30%	70%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
64	UFDH3214 MICRO-CREDENTIAL: IMMUNOLOGY	4	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No
65	UFDB3233 MICRO-CREDENTIAL: GENOMICS AND BIOINFORMATICS	3	40%	60%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFDE2204 MICRO-CREDENTIAL: MOLECULAR BIOLOGY UFDH2124 MICRO-CREDENTIAL: PRINCIPLES OF BIOTECHNOLOGY	No
66	UFDB3313 MICRO-CREDENTIAL: TOXICOLOGY	3	30%	70%	CONVENTIONAL (Blended mode)	18 Years old and above	None	Proficiency in English - Intermediate Able to demonstrate language proficiency in reading, writing, speaking and listening	Proficiency Level - Basic Basic Knowledge of numbers and calculations	None	No