

NAME OF HEP:

UNIVERSITI TUNKU ABDUL RAHMAN

NAME OF ACCREDITED PROGRAMME: BACHELOR OF SCIENCE (HONOURS) APPLIED MATHEMATICS WITH COMPUTING

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	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	None
2	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	None
3	MFPB32193 MICRO-CREDENTIAL: ENGLISH FOR PROFESSIONAL COMMUNICATIONS	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	None
4	UFEB1024 MICRO-CREDENTIAL: CALCULUS 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	None	None
5	UFEB1204 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS 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	None	None
6	UFEB1314 MICRO-CREDENTIAL: FUNDAMENTALS OF LINEAR ALGEBRA	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	None
7	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	None
8	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	None
9	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	None
10	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	None
11	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	None
12	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	None
13	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	None

14	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	None
15	UFEB1034 MICRO-CREDENTIAL: CALCULUS II	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	UFEB1024 MICRO-CREDENTIAL: CALCULUS I	None
16	UFEB1224 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS II	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	UFEB1204 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS I	None
17	UFEB1304 MICRO-CREDENTIAL: DISCRETE MATHEMATICS WITH APPLICATIONS	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	None
18	UFEB1004 MICRO-CREDENTIAL: PROGRAMMING AND PROBLEM SOLVING	4	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	None
19	UFEB2133 MICRO-CREDENTIAL: DIGITAL ECONOMY	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	None
20	UFEB2233 MICRO-CREDENTIAL: ELECTRONIC COMMERCE	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	None
21	UFEB4283 MICRO-CREDENTIAL: AUTOMATION IN THE 4TH INDUSTRIAL REVOLUTION	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	None
22	UFJB1003 MICRO-CREDENTIAL: CREATIVE THINKING AND IDEA GENERATION	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	None
23	UFJB1153 MICRO-CREDENTIAL: COMMUNICATION IN INTERPERSONAL RELATIONSHIPS	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	None
24	UFKT1013 MICRO-CREDENTIAL: PRINCIPLES OF INTERNATIONAL BUSINESS	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	None
25	UFKW1013 MICRO-CREDENTIAL: CROSS CULTURAL MANAGEMENT	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	None
26	UFKN3013 MICRO-CREDENTIAL: PROPERTY MARKET ANALYSIS	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	None
27	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	None
28	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	None

29	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	None
30	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	None
31	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	None
32	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	None
33	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	None
34	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	None
35	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	None
36	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	None
37	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	None
38	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	None
39	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	None
40	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	None
41	UFEB1703 MICRO-CREDENTIAL: INTRODUCTION TO SCIENTIFIC COMPUTING	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	None
42	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	None
43	UFEE2033 MICRO-CREDENTIAL: ELEMENTARY REAL ANALYSIS	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	UFEB1034 MICRO-CREDENTIAL: CALCULUS II	None

44	UFEB2063 MICRO-CREDENTIAL: CALCULUS 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	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFEB1034 MICRO-CREDENTIAL: CALCULUS II	None
45	UFEB2093 MICRO-CREDENTIAL: OPERATIONS RESEARCH I	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	UFEB1024 MICRO-CREDENTIAL: CALCULUS I	None
46	UFEB2253 MICRO-CREDENTIAL: APPLIED REGRESSION ANALYSIS	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	UFEB1224 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS II	None
47	UFEB2273 MICRO-CREDENTIAL: MATHEMATICAL STATISTICS	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	UFEB1224 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS II	None
48	UFEB2283 MICRO-CREDENTIAL: DESIGN AND ANALYSIS OF EXPERIMENT	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	UFEB1224 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS II	None
49	UFEB2293 MICRO-CREDENTIAL: STATISTICAL QUALITY CONTROL	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	UFEB1224 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS II	None
50	UFEB2313 MICRO-CREDENTIAL: GRAPH THEORY	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	None
51	UFEB2383 MICRO-CREDENTIAL: ELEMENTARY NUMBER THEORY	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	UFEB1304 MICRO-CREDENTIAL: DISCRETE MATHEMATICS WITH APPLICATIONS	None
52	UFEB2483 MICRO-CREDENTIAL: STATISTICAL SIMULATION FOR INSURANCE AND FINANCE	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	UFEB1224 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS II	None
53	UFEB3003 MICRO-CREDENTIAL: PARTIAL DIFFERENTIAL EQUATIONS	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	UFEB2023 MICRO-CREDENTIAL: ORDINARY DIFFERENTIAL EQUATIONS	None
54	UFEB3013 MICRO-CREDENTIAL: COMPLEX ANALYSIS	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	UFEB1034 MICRO-CREDENTIAL: CALCULUS II	None
55	UFEB3093 MICRO-CREDENTIAL: OPERATIONS RESEARCH 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	Proficiency Level - Basic Basic Knowledge of numbers and calculations	UFEB2093 MICRO-CREDENTIAL: OPERATIONS RESEARCH I	None
56	UFEB3213 MICRO-CREDENTIAL: STOCHASTIC PROCESSES	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	UFEB1224 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS II	None
57	UFEB3253 MICRO-CREDENTIAL: APPLIED NONPARAMETRIC STATISTICS	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	UFEB1224 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS II	None
58	UFEB3363 MICRO-CREDENTIAL: MODERN ALGEBRA	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	UFEB1304 MICRO-CREDENTIAL: DISCRETE MATHEMATICS WITH APPLICATIONS	None

59	UFEB3373 MICRO-CREDENTIAL: INTRODUCTION TO CODING THEORY	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	None
60	UFEE3383 MICRO-CREDENTIAL: CRYPTOLOGY	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	None
61	UFEE3393 MICRO-CREDENTIAL: INTRODUCTION TO COMBINATORICS	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	None
62	UFEB3993 MICRO-CREDENTIAL: PREDICTIVE MODELLING	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	UFEB1224 MICRO-CREDENTIAL: PROBABILITY AND STATISTICS II	None
63	UFEB1203 MICRO-CREDENTIAL: DATABASE SYSTEM FUNDAMENTALS	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	None
64	UFEE2053 MICRO-CREDENTIAL: ARTIFICIAL INTELLIGENCE	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	UFEB1004 MICRO-CREDENTIAL: PROGRAMMING AND PROBLEM SOLVING	None
65	UFEB2103 MICRO-CREDENTIAL: OPERATING SYSTEMS	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	None
66	UFEB3043 MICRO-CREDENTIAL: PARALLEL PROCESSING	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	UFEB1004 MICRO-CREDENTIAL: PROGRAMMING AND PROBLEM SOLVING	None
67	UFEB3203 MICRO-CREDENTIAL: ADVANCED DATABASE SYSTEMS	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	UFEB1203 MICRO-CREDENTIAL: DATABASE SYSTEM FUNDAMENTALS	None
68	UFEH3213 MICRO-CREDENTIAL: DATA MINING	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	UFEB1004 MICRO-CREDENTIAL: PROGRAMMING AND PROBLEM SOLVING	None
69	UFEB3273 MICRO-CREDENTIAL: PROGRAMMING WITH GAME ENGINES	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	UFEB1043 MICRO-CREDENTIAL: OBJECT-ORIENTED CONCEPTS AND PROGRAMMING TECHNIQUES UFEB1044 MICRO-CREDENTIAL: OBJECT-ORIENTED APPLICATION DEVELOPMENT UFEE2013 MICRO-CREDENTIAL: OBJECT-ORIENTED PROGRAMMING UFEB2043 MICRO-CREDENTIAL: OBJECT-ORIENTED AND WEB PROGRAMMING	None

70	UFEB3283 MICRO-CREDENTIAL: CLOUD COMPUTING	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	UFEB1144 MICRO-CREDENTIAL: OBJECT-ORIENTED APPLICATION DEVELOPMENT OR UFEB1044 MICRO-CREDENTIAL: OBJECT-ORIENTED APPLICATION DEVELOPMENT UFEB1043 MICRO-CREDENTIAL: OBJECT-ORIENTED CONCEPTS AND PROGRAMMING TECHNIQUES	None
71	UFEH2023 MICRO-CREDENTIAL: ORDINARY DIFFERENTIAL EQUATIONS	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	UFEB1034 MICRO-CREDENTIAL: CALCULUS II	None
72	UFEB1044 MICRO-CREDENTIAL: OBJECT-ORIENTED APPLICATION DEVELOPMENT	4	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	UFEB1004 MICRO-CREDENTIAL: PROGRAMMING AND PROBLEM SOLVING	None
73	UFEB2353 MICRO-CREDENTIAL: LINEAR ALGEBRA	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	UFEB1314 MICRO-CREDENTIAL: FUNDAMENTALS OF LINEAR ALGEBRA	None
74	UFEB3034 MICRO-CREDENTIAL: NUMERICAL METHODS	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	None
75	UFEE2083 MICRO-CREDENTIAL: PROBLEM SOLVING WITH DATA STRUCTURES AND ALGORITHMS	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	UFEB1044 MICRO-CREDENTIAL: OBJECT-ORIENTED APPLICATION DEVELOPMENT	None
76	UFEB2094 MICRO-CREDENTIAL: WEB APPLICATION DEVELOPMENT	4	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	UFEB1044 MICRO-CREDENTIAL: OBJECT-ORIENTED APPLICATION DEVELOPMENT	None
77	UFAB1083 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	None
78	UFAB1063 MICRO-CREDENTIAL: ORAL COMMUNICATION AND INTERPERSONAL SKILLS	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	None
79	UFAB2023 MICRO-CREDENTIAL: ACADEMIC WRITING	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	None
80	UFAB3033 MICRO-CREDENTIAL: PUBLIC SPEAKING AND ORAL PRESENTATION	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	None
81	UFJB1033 MICRO-CREDENTIAL: UNDERSTANDING POLITICS: STATE, NATION AND GOVERNMENT	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	None
82	UFJB2033 MICRO-CREDENTIAL: CROSS-CULTURAL INTERACTIVE 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	None

83	UFKH1023 MICRO-CREDENTIAL: FINANCIAL ACCOUNTING I	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	None
84	UFKB1023 MICRO-CREDENTIAL: MICROECONOMICS I	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	None
85	UFKB1033 MICRO-CREDENTIAL: MACROECONOMICS I	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	None
86	UFLE1003 MICRO-CREDENTIAL: CONFUCIANISM AND MODERN SOCIETY	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	None
87	MFPB33173 MICRO-CREDENTIAL: SOCIOLOGY IN MALAYSIAN CONTEXT	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	None
88	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	None
89	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	None