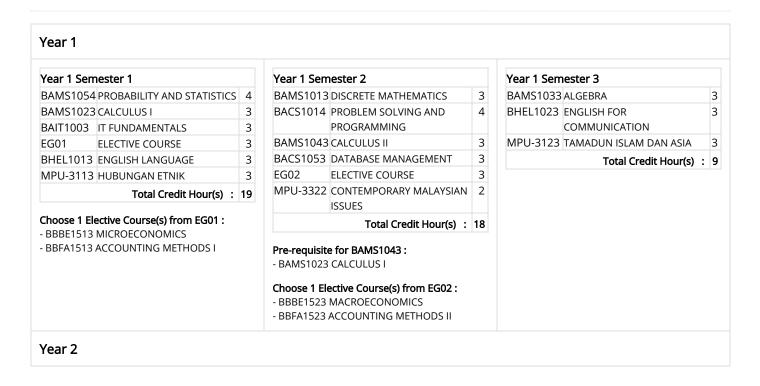# Programme Structure - KLMRMM201605FXX1S1F

TAR UC Programme

Local Student - 120 Credit Hours [* exclude co-curricular course credits]

Year 1

Year 1 Semester 1

BAMS1054	PROBABILITY AND STATISTICS	4
BAMS1023	CALCULUS I	3
BAIT1003	IT FUNDAMENTALS	3
EG01	ELECTIVE COURSE	3
BHEL1013	ENGLISH LANGUAGE	3
MPU-3113	HUBUNGAN ETNIK	3
	Total Credit Hour(s) :	19

Choose 1 Elective Course(s) from EG01 :
- BBBE1513 MICROECONOMICS
- BBFA1513 ACCOUNTING METHODS I

Year 1 Semester 2

BAMS1013	DISCRETE MATHEMATICS	3
BACS1014	PROBLEM SOLVING AND PROGRAMMING	4
BAMS1043	CALCULUS II	3
BACS1053	DATABASE MANAGEMENT	3
EG02	ELECTIVE COURSE	3
MPU-3322	CONTEMPORARY MALAYSIAN ISSUES	2
	Total Credit Hour(s) :	18

Pre-requisite for BAMS1043 :
- BAMS1023 CALCULUS I

Choose 1 Elective Course(s) from EG02 :
- BBBE1523 MACROECONOMICS
- BBFA1523 ACCOUNTING METHODS II

Year 1 Semester 3

BAMS1033	ALGEBRA	3
BHEL1023	ENGLISH FOR COMMUNICATION	3
MPU-3123	TAMADUN ISLAM DAN ASIA	3
	Total Credit Hour(s) :	9

Year 2

Year 2 Semester 1

BAMS2024	ADVANCED CALCULUS	4
BACS2023	OBJECT-ORIENTED PROGRAMMING	3
BAIT1083	VISUAL PROGRAMMING	3
BAMS2033	NUMERICAL METHODS	3
BACS1113	COMPUTER ORGANISATION AND ARCHITECTURE	3
BHEL2023	ENGLISH FOR THE PROFESSION	3
	Total Credit Hour(s) :	19

Pre-requisite for BAMS2024 :
- BAMS1043 CALCULUS II

Pre-requisite for BACS2023 :
- BACS1014 PROBLEM SOLVING AND PROGRAMMING

Pre-requisite for BAIT1083 :
- BACS1014 PROBLEM SOLVING AND PROGRAMMING

Year 2 Semester 2

BAMS2014	LINEAR ALGEBRA	4
BAMS2044	MATHEMATICAL STATISTICS	4
BAMS2054	APPLIED STATISTICS	4
BACS2093	OPERATING SYSTEMS	3
EG03	ELECTIVE COURSE	3
MPU-3213*	BAHASA KEBANGSAAN A	-
	Total Credit Hour(s) :	18

Pre-requisite for BAMS2014 :
- BAMS1033 ALGEBRA

Pre-requisite for BAMS2044 :
- BAMS1054 PROBABILITY AND STATISTICS

Choose 1 Elective Course(s) from EG03 :
- BACS2063 DATA STRUCTURES AND ALGORITHMS
- BACS2163 SOFTWARE ENGINEERING
- BACS3033 SOCIAL AND PROFESSIONAL ISSUES
- BAIT1023 WEB DESIGN AND DEVELOPMENT
- BAIT1043 SYSTEMS ANALYSIS AND DESIGN
- BAIT2033 DIGITAL MULTIMEDIA
- BAIT2073 MOBILE APPLICATION DEVELOPMENT
- BAIT3113 SYSTEMS ADMINISTRATION

Pre-requisite for BACS2063 :
- BACS2023 OBJECT-ORIENTED PROGRAMMING

Pre-requisite for BAIT2073 :
- BACS2023 OBJECT-ORIENTED PROGRAMMING

* Student without a credit in SPM Bahasa Malaysia are required to pass Bahasa Kebangsaan A before the award of Diploma/Bachelor degree.

Year 2 Semester 3

BAMS2064	OPERATIONS RESEARCH I	4
MPU-3232	ENTREPRENEURSHIP	2
	Total Credit Hour(s) :	6

Year 3

Year 3 Semester 1		
BAMS3014	FINANCIAL MATHEMATICS	4
BAMS3024	OPERATIONS RESEARCH II	4
BAMS3034	QUALITY CONTROL	4
BAMS3043	MATHEMATICAL & STATISTICAL SOFTWARE	3
	Total Credit Hour(s) :	15

Year 3 Semester 2		
BAMS3216	PROJECT	6
EG04	ELECTIVE COURSE	4
	Total Credit Hour(s) :	10

Choose 1 Elective Course(s) from EG04 :
- BAMS3114 FURTHER APPLIED STATISTICS
- BAMS3124 CRYPTOGRAPHY
- BAMS3134 MATHEMATICS FOR COMPUTER SCIENCE
- BAMS3144 GRAPH THEORY AND APPLICATIONS
- BAMS3154 ADVANCED FINANCIAL MATHEMATICS
- BAMS3164 ACTUARIAL MATHEMATICS

Pre-requisite for BAMS3114 :
- BAMS2044 MATHEMATICAL STATISTICS

Pre-requisite for BAMS3154 :
- BAMS3014 FINANCIAL MATHEMATICS

Pre-requisite for BAMS3164 :
- BAMS3014 FINANCIAL MATHEMATICS

Year 3 Semester 3		
BAMC3206	INDUSTRIAL TRAINING	6
	Total Credit Hour(s) :	6

Pre-requisite for BAMC3206 :
- Status Good & Probation

MPU-3COQ compulsory co-curricular course that can be registered in any semester whenever is offered.

** Information is subject to change without prior notice. **