

**“Excellence in Science, Technology
and Environmental Sustainability”**

FACULTY OF SCIENCE AND NATURAL RESOURCES

BACHELOR OF SCIENCE WITH HONORS

BPKP CODE PROGRAMME OFFERED

HS08 Mathematics with Economics

For further inquiries, please contact:

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HS08 MATHEMATICS WITH ECONOMICS

	Year 1		Year 2		Year 3	
	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
UNIVERSITY CORE (PROMOTIONAL) OF KNOWLEDGE (12 CREDIT HOURS)	UW00202 TITAS UE00X02 Soft Skill I UK00X02 Soft Skill II (6 credit hours)	UW00102 Ethnic Relation (HE) UE00X02 Soft Skill I (4 credit hours)	UW00302 Introduction to Entrepreneurship (2 credit hours)			
UNIVERSITY CORE LANGUAGE (8 CREDIT HOURS)	UB00102 BI1 or UB00402/ UB00502/ UB00602 BI4 (2 credit hours)	UB00202 BI2 or UX00102 BA1 (2 credit hours)	UB00302 BI3 or UX00202 BA2 (2 credit hours)	UB00402/ UB00502/ UB00602 BI4 or UX00302 BA3 (2 credit hours)	UB00700 BI5 (0 credit hours)	
UNIVERSITY CORE CO-CURRICULUM (3 CREDIT HOURS)	EK/EA/ES/EB/EW/ ER0XX03 or ED/EU/EP/EJ10101 (3/1 credit hours)	ED/EU/EP/EJ10201 (0/1 credit hours)	ED/EU/EP/EJ20201 (0/1 credit hours)	ED/EU/EP/EJ20201 (0/1 credit hours)	ED/EU/EP/EJ30101 (0/1 credit hours)	ED/EU/EP/EJ30101 (0/1 credit hours)
FACULTY CORE (7 CREDIT HOURS)	ST00702 Computer Programming and Simulation (2 credit hours)	ST00803 Statistical Programming Package (3 credit hours)		ST00902 Scientific Writing (2 credit hours)		
PROGRAMME CORE (61 CREDIT HOURS)	SM10103 Mathematics I (3 credit hours)	SM10203 Mathematics II SM10403 Object Oriented Programming (6 credit hours)	SM 20103 Linear Algebra SM 20303 Advanced Mathematics I SM10603 Introduction To Data Structure (9 credit hours)	SM 20203 Differential Equations SM 20402 Numerical Calculation SM 20603 Statistical Analysis SM 20803 Real Analysis SM 21003 Operational Research (14 credit hours)	SM 30103 Project I SM 30302 Numerical Methods SM 30503 Complex Variables Calculus SM 30703 Optimization (11 credit hours)	ing ce thematics II Modelling rs) SM31003

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	Year 1		Year 2		Year 3	
	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
MINOR / ELECTIVE (30 CREDIT HOURS)	SJ10103 Microeconomics I SJ10303 Economics Statistics (6 credit hours)	SJ10203 Fundamental of Financial Management SJ10403 Macroeconomics I (6 credit hours)	SJ20103 Financial Mathematics SJ20303 Microeconomics II (6 credit hours)	SJ20203 Macroeconomics II (3 credit hours)	SJ30103 Econometrics SJ30303 Malaysian Economics Issues (6 credit hours)	SJ 30203 International Economics (3 credit hours)
TOTAL (121/124 CREDIT HOURS)	22/20	21/22	19/20	21/22	17/18	21/22

