

INSTITUTE OF MATHEMATICAL SCIENCES
COURSES OFFERED SEMESTER I, SESSION 2021/2022

NO.	COURSE CODE	COURSE TITLE
1	SIM1001 ; SIX1013	BASIC MATHEMATICS ; Matematik Dasar ; FUNDAMENTALS OF ADVANCED MATHEMATICS Asas Matematik Lanjutan
2	SIM1002	CALCULUS I Kalkulus I
3	SIM1003	CALCULUS II Kalkulus II
4	SIM1004	FUNDAMENTALS OF COMPUTING Asas Pengkomputeran
5	SIN1001	INTRODUCTION TO COMPUTING Pengantar Komputeran
6	SIN1002 ; SIM1005	INTRODUCTION TO WORKSHEETS ; Pengenalan Lembaran Kerja ; FUNDAMENTALS OF SPREADSHEETS Asas Lembaran Kerja
7	SIN1003	MATHEMATICAL METHODS I Kaedah Matematik I
8	SIT1001	PROBABILITY AND STATISTICS I Kebarangkalian dan Statistik I
9	SIT1002	STATISTICAL PROGRAMMING Pengaturcaraan Berstatistik
10	SIX1004	STATISTICS Statistik
11	SIX1016	STATISTICS Statistik
12	GIS1016	MATHEMATICAL EXPLORATIONS Eksplorasi Matematik
13	SIM2001	ADVANCED CALCULUS Kalkulus Lanjutan

14	SIM2002	LINEAR ALGEBRA Algebra Linear
15	SIM2003	INTRODUCTION TO COMBINATORICS Pengantar Kombinatorik
16	SIM2004	ALGEBRA I Algebra I
17	SIN2001	MATHEMATICAL METHODS II Kaedah Matematik II
18	SIN2002	STRUCTURED PROGRAMMING Pengaturcaraan Berstruktur
19	SIN2003	BASIC OPERATIONAL RESEARCH Asas Penyelidikan Operasi
20	SIN2004	PARTIAL DIFFERENTIAL EQUATIONS Persamaan Pembezaan Separa
21	SIN2005	SYSTEM OF ORDINARY DIFFERENTIAL EQUATIONS Sistem Persamaan Pembezaan Biasa
22	SIT2001	PROBABILITY AND STATISTICS II Kebarangkalian dan Statistik II
23	SIT2003	STOCHASTIC PROCESSES Proses Stokastik
24	SIT2004	REGRESSION ANALYSIS Analisis Regresi
25	SIT2005	DATA ANALYSIS I Analisis Data I
26	SIQ2001	MICROECONOMICS Mikroekonomi
27	SIQ2003	FINANCIAL MATHEMATICS AND DERIVATIVES Matematik Kewangan dan Derivatif
28	SIM3003	NUMBER THEORY Teori Nombor
29	SIM3005	MATRIX THEORY Teori Matriks
30	SIM3006	ALGEBRA II

		Algebra II
31	SIM3011	COMPLEX ANALYSIS Kompleks Analisis
32	SIN3002	CRYPTOGRAPHY Kriptografi
33	SIN3005	NUMERICAL METHODS AND ANALYSIS Kaedah dan Analisis Berangka
34	SIN3009	INDUSTRIAL OPERATIONAL RESEARCH Penyelidikan Operasi Perindustrian
35	SIN3011	SCIENTIFIC COMPUTING Komputeran Sainifik
36	SIN3015	MATHEMATICAL SCIENCE PROJECT Projek Sains Matematik
37	SIT3001	INTRODUCTION TO PROBABILITY THEORY Teori Kebarangkalian Pengenalan
38	SIT3004	APPLIED STOCHASTIC PROCESSES Proses Stokastik Gunaan
39	SIT3005	TIME SERIES AND FORECASTING METHODS Siri Masa Dan Kaedah Peramalan
40	SIT3010	INTRODUCTION TO DATA MINING Perlombongan Data Pengenalan
41	SIT3012	DESIGN AND ANALYSIS OF EXPERIMENTS Rekabentuk Dan Analisis Ujikaji
42	SIQ3001	ACTUARIAL MATHEMATICS I Matematik Aktuari I
43	SIQ3002	PORTFOLIO THEORY AND ASSET MODELS Teori Portfolio dan Model Aset
44	SIQ3005	LIFE INSURANCE AND TAKAFUL Insurans Hayat dan Takaful
45	SIQ3006	RISK THEORY Teori Risiko
46	SIQ3008	FOUNDATION OF ISLAMIC FINANCE Asas Kewangan Islam
47	SIQ3007	INDUSTRIAL TRAINING Latihan Industri