

INSTITUTE OF MATHEMATICAL SCIENCES
COURSES OFFERED SEMESTER II, 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	SIN1002 ; SIM1005	INTRODUCTION TO WORKSHEETS ; Pengenalan Lembaran Kerja ; FUNDAMENTALS OF SPREADSHEETS Asas Lembaran Kerja
5	SIN1003	MATHEMATICAL METHODS I Kaedah Matematik I
6	SIT1001	PROBABILITY AND STATISTICS I Kebarangkalian dan Statistik I
7	SIQ1001	INTRODUCTION TO ACCOUNTING Pengenalan Kepada Perakaunan
8	SIM2001	ADVANCED CALCULUS Kalkulus Lanjutan
9	SIM2002	LINEAR ALGEBRA Algebra Linear
10	SIM2005	INTRODUCTION TO ANALYSIS Pengantar Analisis
11	SIM2006	COMPLEX VARIABLES Pembolehubah Kompleks
12	SIM2007	APPRECIATION OF MATHEMATICS Apresiasi Matematik
13	SIN2001	MATHEMATICAL METHODS II Kaedah Matematik II
14	SIN2002 K1	STRUCTURED PROGRAMMING Pengaturcaraan Berstruktur

15	SIN2002 K2	STRUCTURED PROGRAMMING Pengaturcaraan Berstruktur
16	SIN2006	VECTOR ANALYSIS Analisa Vektor
17	SIN2007	MANAGEMENT MATHEMATICS Matematik Pengurusan
18	SIN2008	OPTIMIZATION TECHNIQUES Teknik Pengoptimuman
19	SIT2001	PROBABILITY AND STATISTICS II Kebarangkalian dan Statistik II
20	SIT2002	FURTHER MATHEMATICAL STATISTICS Statistik Matematik Lanjutan
21	SIT1003; SIT2005	ANALYSIS OF DATA AND STATISTICAL REPORT WRITING ; Analisis Data dan Penulisan Laporan Statistik ; DATA ANALYSIS I Analisis Data I
22	SIT2006	NON-PARAMETRIC STATISTICS Statistik Tak Berparameter
23	SIQ2002	MACROECONOMICS Makroekonomi
24	SIQ2003	FINANCIAL MATHEMATICS AND DERIVATIVES Matematik Kewangan dan Derivatif
25	SIM3001	GRAPH THEORY Teori Graf
26	SIM3002	COMBINATORIAL MATHEMATICS Matematik Berkombinatorik
27	SIM3004	ADVANCED LINEAR ALGEBRA Algebra Linear Lanjutan
28	SIN3003	COMPUTATIONAL FLUID DYNAMICS Dinamik Bendalir Pengiraan
29	SIN3004	ANALYSIS OF MATHEMATICAL MODELS Analisis Model Matematik
30	SIN3010	COMPUTATIONAL GEOMETRY Geometri Berkomputer
31	SIN3015	MATHEMATICAL SCIENCE PROJECT

		Projek Sains Matematik
32	SIT3003	COMPUTER INTENSIVE METHODS IN STATISTICS Kaedah Intensif Komputer dalam Statistik
33	SIT3006	FURTHER TOPICS IN REGRESSION ANALYSIS Tajuk Lanjutan dalam Analisis Regresi
34	SIT3009	STATISTICAL PROCESS CONTROL Pengawalan Proses Berstatistik
35	SIQ3001	ACTUARIAL MATHEMATICS I Matematik Aktuari I
36	SIQ3003	ACTUARIAL MATHEMATICS II Matematik Aktuari II
37	SIQ3004	MATHEMATICS OF FINANCIAL DERIVATIVES Matematik Derivatif Kewangan
38	SIQ3009	PENSION MATHEMATICS / Matematik Pencen
39	SIQ3010	SURVIVAL MODELS Model Kemandirian
40	SIX1004	STATISTICS Statistik
41	SIX1016	STATISTICS Statistik
42	SIQ3007	INDUSTRIAL TRAINING Latihan Industri