

INSTITUTE OF MATHEMATICAL SCIENCES
COURSES OFFERED
SEMESTER I SESION: 2024/2025

COURSE CODE	COURSE TITLE
SIM1001 (K1) (1M)	BASIC MATHEMATICS Matematik Dasar
SIX1013 (K1)	FUNDAMENTAL OF ADVANCED MATHEMTICS Asas Matematik Lanjutan
SIM1001 (K2)	BASIC MATHEMATICS Matematik Dasar
SIM1002 (K1) (1M)	CALCULUS I Kalkulus I
SIM1002 (K2)	CALCULUS I Kalkulus I
SIM1003 (1M)	CALCULUS II Kalkulus II
SIM2001 (1M)	ADVANCED CALCULUS Kalkulus Lanjutan
SIM2002 (1M) (1RL)	LINEAR ALGEBRA Algebra Linear
SIM2003 SIM2013 (1RL)	INTRODUCTION TO COMBINATORICS Pengantar Kombinatorik
SIM2004 SIM2014 (1RL)	ALGEBRA I Algebra I
SIM2005 SIM2015	INTRODUCTION TO ANALYSIS Pengantar Analisis
SIM2006 SIM2016 (1RL)	COMPLEX VARIABLES Pembolehubah Kompleks
SIM2007 (Kursus SULAM)	APPRECIATION OF MATHEMATICS Apresiasi Matematik

COURSE CODE	COURSE TITLE
SIM3003 (1RL)	NUMBER THEORY Teori Nombor
SIM3005 (1RL)	MATRIX THEORY Teori Matriks
SIM3006 (1RL)	ALGEBRA II Algebra II
SIM3011 (1RL)	COMPLEX ANALYSIS Analisis Kompleks
GIS1016 GBS0029 (Kursus SHE)	MATHEMATICAL EXPLORATIONS Eksplorasi Matematik
SIM1004 (K1)	FUNDAMENTALS OF COMPUTING Asas Pengkomputeran
SIM1004 (K2)	FUNDAMENTALS OF COMPUTING Asas Pengkomputeran
SIM1004 (K3)	FUNDAMENTALS OF COMPUTING Asas Pengkomputeran
SIN1002 SIM1005	INTRODUCTION TO WORKSHEETS Pengenalan Lembaran Kerja
SIN1003 SIM1006	MATHEMATICAL METHODS I Kaedah Matematik I ORDINARY DIFFERENTIAL EQUATIONS Persamaan Pembezaan Biasa
SIN2001 SIM2010	MATHEMATICAL METHODS II Kaedah Matematik II NUMERICAL COMPUTATION Pengiraan Berangka
SIM2011	STRUCTURED PROGRAMMING Pengaturcaraan Berstruktur
SIN2003 SIM2012 (1RL)	BASIC OPERATIONAL RESEARCH Asas Penyelidikan Operasi

COURSE CODE	COURSE TITLE
SIN2004 SIM2018 (1RL)	PARTIAL DIFFERENTIAL EQUATIONS Persamaan Pembezaan Separa
SIN2005 SIM2019	SYSTEM OF ORDINARY DIFFERENTIAL EQUATIONS Sistem Persamaan Pembezaan Biasa
SIN3002; SIM3022	CRYPTOGRAPHY Kriptografi
SIN3005; SIM3023	NUMERICAL METHODS AND ANALYSIS Kaedah dan Analisis Berangka
SIN3011 SIM3025	SCIENTIFIC COMPUTING Komputeran Saintifik
SIM3020 (1RL) SIT3021	INDUSTRIAL TRAINING Latihan Industri
SIN3015 SIM3021 SIT3025	MATHEMATICAL SCIENCE PROJECT Projek Sains Matematik MATHEMATICAL SCIENCE PROJECT Projek Sains Matematik STATISTICAL SCIENCE PROJECT Projek Sains Statistik
SIQ2001	MICROECONOMICS Mikroekonomi
SIQ2003	FINANCIAL MATHEMATICS AND DERIVATIVES Matematik Kewangan dan Derivatif
SIQ3001	ACTUARIAL MATHEMATICS I Matematik Aktuari I
SIQ3002	PORTFOLIO THEORY AND ASSET MODELS Teori Portfolio dan Model Aset
SIQ3003	ACTUARIAL MATHEMATICS II Matematik Aktuari II
SIQ3005	LIFE INSURANCE AND TAKAFUL Insurans Hayat dan Takaful
SIQ3006	RISK THEORY Teori Risiko
SIQ3007	INDUSTRIAL TRAINING Latihan Industri

COURSE CODE	COURSE TITLE
SIQ3008	FOUNDATION OF ISLAMIC FINANCE Asas Kewangan Islam
SIQ3010	SURVIVAL MODELS Model Kemandirian
SIQ3011	BUSINESS FINANCE Kewangan Perniagaan
SIQ3012	FINANCIAL AND BUSINESS MANAGEMENT Pengurusan Kewangan dan Perniagaan
SIT1001 (1M) (1RL)	PROBABILITY AND STATISTICS I Kebarangkalian dan Statistik I
SIT1002	STATISTICAL PROGRAMMING Pengaturcaraan Berstatistik
SIT2001 (1M) (1RL)	PROBABILITY AND STATISTICS II Kebarangkalian dan Statistik II
SIT2007 (1RL)	FOUNDATIONS OF DATA SCIENCE Asas Sains Data
SIT2011 (Kursus SULAM)	STATISTICS AND COMMUNITY Statistik dan Komuniti
SIT3001	INTRODUCTION TO PROBABILITY THEORY Teori Kebarangkalian Pengenalan
SIT3004	Applied Stochastic Processes Proses Stokastik Gunaan
SIT3005	TIME SERIES AND FORECASTING METHODS Siri Masa Dan Kaedah Peramalan
SIT3010	INTRODUCTION TO DATA MINING ; Perlombongan Data Pengenalan
SIT3017	STATISTICAL LEARNING AND DATA MINING Pembelajaran Statistik dan Perlombongan Data
SIT3016	GENERALIZED LINEAR MODELS Model Linear Teritlak
SIT3014	INTRODUCTION TO BAYESIAN STATISTICS Pengenalan kepada Statistik Bayesian
SIT3019	INTRODUCTION TO BAYESIAN STATISTICS Pengenalan kepada Statistik Bayesian

COURSE CODE	COURSE TITLE
SIT3022 SQB7004 SQB7025	PROBABILITY THEORY Teori Kebarangkalian PROBABILITY THEORY Teori Kebarangkalian PROBABILITY THEORY Teori Kebarangkalian
SIT3023 SQB7005 SQB7026	STATISTICAL LABORATORY Makmal Statistik STATISTICAL LABORATORY Makmal Statistik PROGRAMMING IN STATISTICS Pengaturcaraan Dalam Statistik
SIT3021	INDUSTRIAL TRAINING Latihan Industri
SIT3025	STATISTICAL SCIENCE PROJECT Projek Sains Statistik
SIX1004 (1M)	STATISTICS Statistik
SIX1016 GBS0028 (Kursus SHE)	STATISTICS Statistik