



SENARAI PENAWARAN KURSUS
LIST OF COURSES OFFERED

SEMESTER 1 SESI AKADEMIK 2026/2027
SEMESTER 1 ACADEMIC SESSION 2026/2027

FAKULTI TEKNOLOGI DAN SAINS MAKLUMAT (FTSM)
FACULTY OF INFORMATION SCIENCE AND TECHNOLOGY

UNIVERSITI KEBANGSAAN MALAYSIA (UKM)
THE NATIONAL UNIVERSITY OF MALAYSIA

PROGRAM SARJANA KERJA KURSUS (EKSEKUTIF)
COURSEWORK MASTER'S PROGRAMME (EXECUTIVE)

BIL./ NO.	KOD KURSUS / COURSE CODE	NAMA KURSUS / COURSE NAME	PENSYARAH / LECTURER	SET KURSUS/ COURSE SET
1.	TTTA6024	TEORI PENGHITUNGAN <i>THEORY OF COMPUTATION</i>	<ul style="list-style-type: none"> DR. BAHARI IDRUS 	L1
2.	TTTA6054	ANALISIS BERANGKA LANJUTAN <i>ADVANCED NUMERICAL ANALYSIS</i>	<ul style="list-style-type: none"> PROF. MADYA DR. MOHAMMAD KHATIM HASAN 	L1
3.	TTTA6434	ALGORITMA DAN STRUKTUR DATA <i>ALGORITHM AND DATA STRUCTURE</i>	<ul style="list-style-type: none"> TS. DR. AFZAN ADAM 	L1
4.	TTTC6244	PEMBELAJARAN MESIN <i>MACHINE LEARNING</i>	<ul style="list-style-type: none"> PROF. MADYA DR. SHAHNORBANUN SAHRAN PROF. MADYA DR. NOR SAMSI AH SANI 	L1
5.	TTTC6404	PEMROSESAN IMEJ DAN PENGLIHATAN KOMPUTER <i>IMAGE PROCESSING AND COMPUTER VISION</i>	<ul style="list-style-type: none"> PROF. MADYA DR. AZIZI ABDULLAH 	L1
6.	TTTC6544	KECERDASAN BUATAN LANJUTAN <i>ADVANCED ARTIFICIAL INTELLIGENCE</i>	<ul style="list-style-type: none"> DR. KERK YI WEN DR. MOHAMAD KHAIRULAMIRIN MD RAZAL 	L1
7.	TTTE6104	PARADIGMA KEJURUTERAAN PERISIAN <i>SOFTWARE ENGINEERING PARADIGM</i>	<ul style="list-style-type: none"> TS. DR. NURHIDAYAH BAHAR DR. DAHLILA PUTRI DAHNIL SIKUMBANG 	L1
8.	TTTE6204	EMPIRIKAL KEJURUTERAAN PERISIAN <i>SOFTWARE ENGINEERING EMPIRICAL</i>	<ul style="list-style-type: none"> PROF. DR. ROZILAWATI RAZALI DR. RUZZAKIAH JENAL 	L1

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9.	TTTE6404	PENGURUSAN PROJEK PERISIAN <i>SOFTWARE PROJECT MANAGEMENT</i>	<ul style="list-style-type: none"> ● TS. DR. FAZLINA MOHD ALI ● DR. FATIN FILZAHTI ISMAIL 	L1
10.	TTTH6104	PENGATURCARAAN PERMAINAN <i>GAME PROGRAMMING</i>	<ul style="list-style-type: none"> ● DR. HADI AFFENDY DAHLAN 	L1
11.	TTTH6214	PEMIKIRAN VISUAL <i>VISUAL THINKING</i>	<ul style="list-style-type: none"> ● DR. TAN SIOK YEE 	L1
12.	TTTH6254	PERMAINAN SERIUS DAN GAMIFIKASI <i>SERIOUS GAMES AND GAMIFICATION</i>	<ul style="list-style-type: none"> ● DR. ZURINA MUDA ● DR. FADHILAH ROSDI 	L1
13.	TTTH6454	PENGURUSAN DAN PENGKOMPUTERAN SOSIAL	<ul style="list-style-type: none"> ● PROF. MADYA DR. NUR FAZIDAH ELIAS ● DR. HAIRULLIZA MOHAMAD JUDI 	L1
14.	TTTP6014	POLISI DAN ETIKA MAKLUMAT <i>INFORMATION ETHICS AND POLICY</i>	<ul style="list-style-type: none"> ● PROF. MADYA DR. UMI ASMA` MOKHTAR 	L1
15.	TTTP6534	PEMROSESAN BAHASA TABII <i>NATURAL LANGUAGE PROCESSING</i>	<ul style="list-style-type: none"> ● DR. WANDEEP KAUR RATAN SINGH 	L1
16.	TTTP6544	TEKNOLOGI PENGETAHUAN <i>TECHNOLOGY KNOWLEDGE</i>	<ul style="list-style-type: none"> ● DR. SAIDAH SAAD 	L1
17.	TTTR6144	TEKNOLOGI DAN INOVASI TERKEHADAPAN <i>EMERGING TECHNOLOGIES AND INNOVATIONS</i>	<ul style="list-style-type: none"> ● PROF. MADYA DR. SYAIMAK ABDUL SHUKOR 	L1
18.	TTTR6354	ANALITIK DATA <i>DATA ANALYTICS</i>	<ul style="list-style-type: none"> ● PROF. MADYA DR. SHAHNORBANUN SAHRAN 	L1
19.	TTTR6514	PENGKOMPUTERAN UBIQUITOUS DAN MUDAH ALIH <i>MOBILE AND UBIQUITOUS COMPUTING</i>	<ul style="list-style-type: none"> ● DR. LAM MENG CHUN 	L1
20.	TTTU6024	PENGURUSAN MAKLUMAT DAN PENGETAHUAN <i>KNOWLEDGE AND INFORMATION MANAGEMENT</i>	<ul style="list-style-type: none"> ● PROF. DR. NURHIZAM SAFIE MOHD SATAR ● TS. DR. NOORAYISAHBE MOHD YAACOB 	L1

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21.	TTTU6314	ANALITIK DAN RISIKAN BISNES <i>BUSINESS INTELLIGENCE AND ANALYTICS</i>	<ul style="list-style-type: none"> • PROF. MADYA DR. ZALINDA OTHMAN 	L1
22.	TTTU6454	PENGURUSAN TEKNOLOGI MAKLUMAT DAN INOVASI <i>MANAGEMENT OF INFORMATION TECHNOLOGY AND INNOVATION</i>	<ul style="list-style-type: none"> • DR. DIAN INDRAYANI JAMBARI 	L1
23.	TTTM6112	KAEDAH PENYELIDIKAN DALAM KOMPUTERAN <i>RESEARCH METHODS IN COMPUTING</i>	<ul style="list-style-type: none"> • DR. IBRAHIM MOHAMED • TS. DR. NURHIDAYAH BAHAR • PROF. MADYA DR. NUR FAZIDAH ELIAS • DR. HAZURA MOHAMED • PROF. DR. ZARINA SHUKUR 	L1
24.	TTTM6114	KAEDAH PENYELIDIKAN DALAM KOMPUTERAN <i>RESEARCH METHODOLOGY IN COMPUTING</i>	<ul style="list-style-type: none"> • DR. IBRAHIM MOHAMED • TS. DR. NURHIDAYAH BAHAR • PROF. MADYA DR. NUR FAZIDAH ELIAS • DR. HAZURA MOHAMED • PROF. DR. ZARINA SHUKUR 	L1
25.	TTTT6074	PROJEK 1 <i>PROJECT 1</i>	<ul style="list-style-type: none"> • DR. WANDEEP KAUR RATAN SINGH 	L1
26.	TTTT6078	PROJEK 2 <i>PROJECT 2</i>	<ul style="list-style-type: none"> • DR. WANDEEP KAUR RATAN SINGH 	L1
27.	TTTC607C	PROJEK <i>PROJECT</i>	<ul style="list-style-type: none"> • DR. TAN SIOK YEE 	L1
28.	TTTE607C	PROJEK <i>PROJECT</i>	<ul style="list-style-type: none"> • DR. TAN SIOK YEE 	L1
29.	TTTN607C	PROJEK <i>PROJECT</i>	<ul style="list-style-type: none"> • DR. TAN SIOK YEE 	L1
30.	TTTU607C	PROJEK <i>PROJECT</i>	<ul style="list-style-type: none"> • DR. TAN SIOK YEE 	L1

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COURSEWORK MASTER'S PROGRAMME (EXECUTIVE)

31.	TTTP607C	PROJEK <i>PROJECT</i>	<ul style="list-style-type: none">• DR. TAN SIOK YEE	L1
32.	TTTH607C	PROJEK <i>PROJECT</i>	<ul style="list-style-type: none">• DR. TAN SIOK YEE	L1

PROGRAM SARJANA MODULAR (EKSEKUTIF)
MODULAR MASTER'S PROGRAMME (EXECUTIVE)

BIL./ NO.	KOD KURSUS / COURSE CODE	NAMA KURSUS / COURSE NAME	PENSYARAH / LECTURER	SET KURSUS/ COURSE SET
1.	TTTC6424	FUNDAMENTAL SAINS DATA <i>FUNDAMENTAL OF DATA SCIENCE</i>	<ul style="list-style-type: none"> • PROF. MADYA DR. SUHAILA ZAINUDIN • PROF. DR. AZURALIZA ABU BAKAR 	L1
2.	TTTC6444	PEMBELAJARAN MESIN BAGI SAINS DATA <i>MACHINE LEARNING FOR DATA SCIENCE</i>	<ul style="list-style-type: none"> • PROF. MADYA TS. DR. NOR SAMSI AH SANI • TS. DR. AFZAN ADAM 	L1
3.	TTTD6214	ANALISA DAN PEMULIHAN DATA <i>DATA RECOVERY AND ANALYSIS</i>	<ul style="list-style-type: none"> • PROF. MADYA DR. KHAIRUL AKRAM ZAINOL ARIFFIN • TS. DR. SARAH KHADIJAH TAYLOR 	L1
4.	TTTD6314	ANALISA FORENSIK MEDIA DIGITAL <i>DIGITAL MEDIA FORENSIC ANALYSIS</i>	<ul style="list-style-type: none"> • DR. KOK VEN JYN • EN. NAZRI AHMAD ZAMANI 	L1
5.	TTTP6234	ANALISIS DATA TIDAK BERSTRUKTUR <i>UNSTRUCTURED DATA ANALYTICS</i>	<ul style="list-style-type: none"> • DR. WANDEEP KAUR A/P RATAN SINGH • DR. NUR IZYAN YASMIN SAAT 	L1
6.	TTTR6124	KAEDAH STATISTIK UNTUK ANALISIS DATA <i>STATISTICAL METHODS FOR DATA ANALYTICS</i>	<ul style="list-style-type: none"> • PN. SITI AISHAH HANAWI • DR. HAZURA MOHAMED 	L1
7.	TTTS6024	PEMODELAN MAKLUMAT DAN PANGKALAN DATA <i>INFORMATION AND DATABASE MODELLING</i>	<ul style="list-style-type: none"> • DR. HAFIZ MOHD SARIM 	L1
8.	TTTU6314	ANALITIK DAN RISIKAN BISNES <i>BUSINESS INTELLIGENCE AND ANALYTICS</i>	<ul style="list-style-type: none"> • PROF. MADYA DR. MOHD ZAKREE AHMAD NAZRI • DR. AHMAD TARMIZI ABDUL GHANI 	L2
9.	TTTU6434	PENGURUSAN DAN ANALISIS DATA RAYA <i>BIG DATA ANALYTICS AND MANAGEMENT</i>	<ul style="list-style-type: none"> • PROF. MADYA DR. MOHD RIDZWAN YAAKUB • PROF. MADYA TS. DR. ELANKOVAN 	L1

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			A. SUNDARARAJAN	
10.	TTTX6114	KESELAMATAN KOMPUTER <i>COMPUTER SECURITY</i>	<ul style="list-style-type: none"> ● DR. ROSSILAWATI SULAIMAN ● EN. SUHAIRI MOHD JAWI ● DR. ABDUL ALIF ZAKARIA 	L1
11.	TTTX6124	KESELAMATAN RANGKAIAN <i>NETWORK SECURITY</i>	<ul style="list-style-type: none"> ● TS. DR. NAZHATUL HAFIZAH KAMARUDIN ● TS. DR. KHAIRUL AZMI ABU BAKAR ● EN. MOHD HAFIZ MAT TABRANI ● EN. FATHI KAMIL MOHAD ZAINUDDIN ● EN. AHMAD AIZUDDIN AIZAT TAJUL ARIF 	L1
12.	TTTX6134	ETIKA DAN UNDANG-UNDANG SIBER <i>CYBERLAW AND ETHICS</i>	<ul style="list-style-type: none"> ● PROF. MADYA DR. MASNIZAH MOHD ● PROF. NAZURA ABDUL MANAP ● PROF. MADYA DR. MOHAMAD RIZAL ABD RAHMAN 	L1
13.	TTTX6144	PENGURUSAN KESELAMATAN MAKLUMAT <i>INFORMATION SECURITY MANAGEMENT</i>	<ul style="list-style-type: none"> ● TS. DR. IBRAHIM MOHAMED ● PROF. MADYA DR. UMI ASMA' ● PN. IDA RAJEMEE RAMLEE ● PN. SYAFIQA ANNEISA LENG ABDULLAH ● DR. SHARIFAH ROZIAH MOHD KASSIM 	L1
14.	TTTX6244	GODAMAN BERETIKA DAN PENGUJIAN PENEMBUSAN <i>ETHICAL HACKING AND PENETRATION TESTING</i>	<ul style="list-style-type: none"> ● DR. WAN FARIZA PAIZI @ FAUZI ● TS. RUHAMA MOHAMMED ZAIN 	L1
15.	TTTY6024	INFORMATIK KESIHATAN <i>HEALTH INFORMATICS</i>	<ul style="list-style-type: none"> ● PROF. DR. MARYATI MOHD YUSOF 	L1
16.	TTTY6034	INFORMATIK KESIHATAN <i>HEALTH INFORMATION SYSTEM ANALYSIS AND DESIGN</i>	<ul style="list-style-type: none"> ● DR. ZAIHOSNITA HOOD ● DR. NOORAZEAN MOHD ALI 	L1

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MODULAR MASTER'S PROGRAMME (EXECUTIVE)

17.	TTTX609C	PROJEK <i>PROJECT</i>	<ul style="list-style-type: none">• DR. WANDEEP KAUR A/P RATAN SINGH	L1
18.	TTTT607C	PROJEK <i>PROJECT</i>	<ul style="list-style-type: none">• DR. WANDEEP KAUR A/P RATAN SINGH	L1
19.	TTTU607C	PROJEK <i>PROJECT</i>	<ul style="list-style-type: none">• DR. WANDEEP KAUR A/P RATAN SINGH	L2
20.	TTTT6074	PROJEK 1 <i>PROJECT 1</i>	<ul style="list-style-type: none">• DR. WANDEEP KAUR A/P RATAN SINGH	L2
21.	TTTT6078	PROJEK 2 <i>PROJECT 2</i>	<ul style="list-style-type: none">• DR. WANDEEP KAUR A/P RATAN SINGH	L2