

SENARAI KURSUS-KURSUS IJAZAH SARJANA MUDA YANG DITAWARKAN UNTUK SEMESTER I  
SIDANG AKADEMIK 2023/2024

Bil	KOD DAN TAJUK KURSUS			TENAGA PENGAJAR
<b>TAHUN 1 (1ST YEAR)</b>				
1	ZCA 101/4	PHYSICS I (MECHANICS)	FIZIK I (MEKANIK)	DR. WAN MOHAMAD HUSNI WAN MOKHTAR DR. NURHAFIZAH MD DISA
2	ZCT 103/3	PHYSICS III (VIBRATIONS, WAVES AND OPTICS)	FIZIK III (GETARAN GELOMBANG DAN OPTIK)	DR. MUHAMMAD RABIE OMAR DR. NUR NABIHAH YUSOF
3	ZCA 110/4	CALCULUS	KALKULUS	PROF. MADYA DR. YOON TIEM LEONG
4	ZGT 171/3	GEOLOGY 1	GEOLOGI I	DR. TEOH YING JIA
5	ZCT 191/2	PHYSICS PRACTICAL I	AMALI FIZIK I	PROF. MADYA DR. LIM SIEW CHOO / KUMPULAN
<b>TAHUN 2 (2ND YEAR)</b>				
1	ZCT 206/3	ELECTRONICS II	ELEKTRONIK II	DR. MOHD FAREEZUAN ABDUL AZIZ DR. AFIQ ARIF AMINUDDIN JAFRY
2	ZCT 210/4	COMPLEX ANALYSIS AND DIFFERENTIAL EQUATIONS	ANALISIS KOMPLEKS DAN PERSAMAAN PEMBEZAAN	DR. NORHASLINDA MOHAMED TAHRIN
3	ZCT 214/3	THERMODYNAMICS	TERMODINAMIK	DR. LOH WAI MING
4	ZCT 215/3	OPTICS	OPTIK	DR. BEH KHI POAY
5	ZGT 276/3	SOLID EARTH GEOPHYSICS	GEOFIZIK BUMI PEPEJAL	PROF. MADYA DR. NORDIANA MOHD MUZTAZA DR. ISMAIL AHMAD ABIR
6	ZGT 278/3	SIEMIC EXPLORATION GEOPHYSICS	GEOFIZIK PENCARIGALIAN SISMIK	DR. NUR AZWIN ISMAIL
7	ZGT 285/3	INTRODUCTION TO METEOROLOGY	PENGHANTAR METEOROLOGI	DR. NUR AZWIN ISMAIL
8	ZCE 275/4	INTRODUCTION TO ASTRONOMY	PENGANTAR ASTRONOMI	DR. IDAHWATI SARUDIN
9	ZAE 282/3	MATERIAL SCIENCE	SAINS BAHAN	PROF. MADYA DR. ISKANDAR SHAHRIM MUSTAFA
10	ZCT 293/2	PHYSICS PRACTICAL III	AMALI FIZIK III	DR. WONG KHAI MING / KUMPULAN
11	ZGT 295/4	GEOPHYSICS PRACTICAL (Two Semesters)	GEOFIZIK AMALI (Dua Semester)	DR. ANDY ANDERSON ANAK BERY / KUMPULAN
<b>TAHUN 3 (3RD YEAR)</b>				
1	ZCE 305/3	ATOMIC AND NUCLEAR PHYSICS	FIZIK ATOM DAN FIZIK NUKLEAR	DR. WONG KHAI MING DR. MUHAMMAD RABIE OMAR
2	ZCT 307/3	SOLID STATE PHYSICS I	FIZIK KEADAAN PEPEJAL I	PROF. MADYA DR. QUAH CHING KHENG DR. AHMAD RUJHAN MOHD RAIS
3	ZCT 314/3	STATISTICAL MECHANICS	MEKANIK STATISTIK	PROF. MADYA DR. LIM SIEW CHOO
4	ZCE 321/3	THE ENGINEER IN SOCIETY	JURUTERA DALAM MASYARAKAT	PROF. MADYA DR. AHMAD FAIRUZ OMAR
7	ZKE 327/3	SOLID STATE LIGHTING	PENCAHAYAAN KEADAAN PEPEJAL	PROF. MADYA DR. YAM FONG KWONG
8	ZMT 333/4	NUCLEAR MEDICINE	PERUBATAN NUKLEAR	DR. NORLAILI AHMAD KABIR DR. NIK NOOR ASHIKIN NIK ABD RAZAK
9	ZME 336/4	MEDICAL INSTRUMENTATION	INSTRUMENTASI PERUBATAN	DR. YASMIN MD RADZI DR. NURUL ZAHIRAH NOOR AZMAN
10	ZGT 372/3	INTRODUCTION TO OCEANOGRAPHY	PENGANTAR OSEANOGRAFI	DR. SYA'RAWI MUHAMMAD HUSNI MOHD SHARONI
11	ZGT 374/4	REMOTE SENSING	PENDERIAAN JAUH	PROF. MADYA DR. LIM HWEE SAN
12	ZCE 376/4	ASTRONOMY PRINCIPLES AND PRACTICES	PRINSIP DAN AMALAN ASTRONOMI (Minor Astronomy)	DR. JOHN SOO YUE HAN
13	ZCT 398/8	PHYSICS PROJECT (Two Semesters)	PROJEK FIZIK (Dua Semester)	PROF. MADYA DR. AHMAD FAIRUZ OMAR / KUMPULAN
14	ZGT 395/8	GEOPHYSICS PROJECT (Two Semesters)	PROJEK GEOFIZIK (Dua Semester)	DR. ANDY ANDERSON ANAK BERY / KUMPULAN
15	ZMT 397/8	MEDICAL PHYSICS PROJECT (Two Semesters)	PROJEK FIZIK PERUBATAN (Dua Semester)	DR. RAMZUN MAIZAN RAMLI / KUMPULAN
<b>TAHUN 4 (4TH YEAR)</b>				
1	ZMT 431/4	RADIATION BIOPHYSICS	BIOFIZIK SINARAN	DR. RAMZUN MAIZAN RAMLI
2	ZME 438/4	PHYSICS OF MEDICAL IMAGING	FIZIK PENGIMEJAN PERUBATAN	DR. NIK NOOR ASHIKIN NIK ABD RAZAK
3	ZCE 451/3	X-RAY ANALYSIS	ANALISIS SINAR-X	DR. SUHANA ARSHAD
4	ZGE 471/3	POTENTIAL FIELD INTERPRETATION	PENTAFSIRAN MEDAN KEUPAYAAN	PROF. MADYA DR. NORDIANA MOHD MUZTAZA

5	ZGE 473/4	SEISMIC DATA PROCESSING	PEMROSESAN DATA SEISMIK	DR. ISMAIL AHMAD ABIR DR. JOSEPH GNAPRAGASAN
6	ZGE 475/3	ENGINEERING AND ENVIRONMENTAL GEOPHYSICS	GEOFIZIK KEJURURATERAAN DAN PERSEKITARAN	DR. ANDY ANDERSON ANAK BERY
7	ZGE 477/3	PHYSICS OCEANOGRAPHY	OSEANOGRAFI FIZIK	DR. SYA'RAWI MUHAMMAD HUSNI MOHD SHARONI
8	ZAE 485/4	APPLIED SPECTROSCOPY	SPEKTROSKOPI GUNAAN	DR. MOHD MAHADI HALIM
9	ZAT 487/4	SEMICONDUCTOR FABRICATION PROCESSES	PROSES FABRIKASI SEMIKONDUKTOR	DR. MOHD MARZAINI MOHD RASHID PROF. MADYA TS. DR. MOHD ZAMIR PAKHURUDDIN
10	ZAT 489/3	LOW DIMENSIONAL SEMICONDUCTOR STRUCTURES	STRUKTUR SEMIKONDUKTOR DIMENSI RENDAH	DR. SITI AZRAH MOHAMAD SAMSURI

CADANGAN SENARAI KURSUS-KURSUS **IJAZAH SARJANA** YANG DITAWARKAN UNTUK SEMESTER I, SIDANG AKADEMIK 2023/2024

Bil	KOD DAN TAJUK KURSUS			TENAGA PENGAJAR
<b>MSc MEDICAL PHYSICS (COURSE WORK) [FIZIK PERUBATAN (KERJA KURSUS)]</b>				
1	ZCT 531/4	ANATOMY AND PHYSIOLOGY	ANATOMI DAN FISILOGI MANUSIA	DR. NURUL HASHIKIN AB. AZIZ
2	ZCT 532/4	RADIATION PHYSICS	FIZIK SINARAN	PROF. MADYA DR. NASER MAHMOUD AHMED DR. NURUL HASHIKIN AB. AZIZ
3	ZCT 533/4	DOSIMETRY AND RADIATION PROTECTION	DOSIMETRI DAN PERLINDUNGAN SINARAN	DR. NURUL ZAHIRAH NOOR AZMAN
4	ZCT 534/4	PHYSICS OF DIAGNOSTIC RADIOLOGY	FIZIK RADIOLOGI DIAGNOSIS	DR. NURSAKINAH SUARDI
5	ZCT 596/4	MEDICAL PHYSICS PRACTICAL I	AMALI FIZIK PERUBATAN I	DR. RAMZUN MAIZAN RAMLI / KUMPULAN
<b>MSc RADIATION SCIENCE (MIXED MODE) [SAINS SINARAN (MOD CAMPURAN)]</b>				
1	ZCT 551/4	RADIATION PROTECTION I	PERLINDUNGAN SINARAN I	PROF. MADYA DR. AZHAR ABDUL RAHMAN DR. YASMIN MD RADZI
2	ZCT 552/4	RADIATION PROTECTION II	PERLINDUNGAN SINARAN II	DR. NORLAILI AHMAD KABIR
3	ZCT 599/4	PRACTICAL	AMALI	DR. RAMZUN MAIZAN RAMLI / KUMPULAN
<b>MSc SOLID STATE PHYSICS (COURSE WORK) [FIZIK KEADAAN PEPEJAL (KERJA KURSUS)]</b>				
1	ZCC 541/4	SOLID STATE PHYSICS THEORY	TEORI FIZIK KEADAAN PEPEJAL	PROF. DR. MD ROSLAN HASHIM DR. MUNDZIR ABDULLAH
2	ZCC 542/4	PHYSICS OF COMPLEMENTARY MATERIALS	FIZIK BAHAN PELENGKAP	DR. MAHAYATUN DAYANA JOHAN OOI
3	ZCC 543/4	SEMICONDUCTOR PHYSICS	FIZIK SEMIKONDUKTOR	TS. DR. WAN MARYAM WAN AHMAD KAMIL
4	ZSC 548/4	X-RAY STRUCTURE ANALYSIS	ANALISIS STRUKTUR MELALUI KAEDAH SINAR-X	PROF. DR. ABDUL RAZAK IBRAHIM DR. DIAN ALWANI ZAINURI
5	ZCC 591/4	MEASUREMENTS & EXPERIMENTAL TECHNIQUES I	TEKNIK-TEKNIK EKSPERIMEN DAN PENGUKURAN I	PROF. MADYA DR. QUAH CHING KHENG / KUMPULAN
6	ZCC 545/4	THERMAL MANAGEMENT IN ELECTRONICS	PENGURUSAN TERMA DALAM ELEKTRONIK	DR. SHANMUGAN SUBRAMANI
<b>MSc APPLIED GEOPHYSICS (MIXED MODE) [GEOFIZIK GUNAAN (MOD CAMPURAN)]</b>				
1	ZGT 561/4	POTENTIAL FIELD EXPLORATION METHODS	KAEDAH PENCARIGALIAN MEDAN KEUPAYAAN	PROF. MADYA DR. NORDIANA MOHD MUZTAZA
2	ZGT 562/4	SEISMIC INTERPRETATION	PENTAFSIRAN SEISMIK	DR. JOSEPH GNAPRAGASAN
3	ZGT 563/4	FORMATION EVALUATION	PENILAIAN FORMASI	DR. TEOH YING JIA
4	ZGT 564/4	REMOTE SENSING APPLICATIONS	APLIKASI PENDERIAAN JAUH	PROF. MADYA DR. LIM HWEE SAN
5	ZGE 572/2	PETROLEUM GEOSCIENCE	GEOSAINS PETROLEUM	DR. ISMAIL AHMAD ABIR
6	ZGE 573/2	GEOENVIRONMENTAL ISSUES	ISU-ISU GEOPERSEKITARAN	DR. ANDY ANDERSON ANAK BERY

<b>LAIN-LAIN KURSUS</b>				
1	KAA 500	KAEDAH PENYELIDIKAN	RESEARCH METHODOLOGY	PROF. MADYA DR. AHMAD FAIRUZ OMAR PROF. MADYA DR. NORDIANA MOHD MUZTAZA
2	HFF 225/2	FALSAFAH DAN ISU SEMASA		DR. WAN MOHAMAD HUSNI WAN MOKHTAR
3	HTV 201/2	TEKNIK BERFIKIR		DR. DIAN ALWANI ZAINURI