

SENARAI KURSUS-KURSUS IJAZAH SARJANA MUDA YANG DITAWARKAN UNTUK SEMESTER II, SIDANG AKADEMIK 2021/2022

Bil	KOD DAN TAJUK KURSUS		PRASYARAT	TENAGA PENGAJAR	
TAHUN 1 (1ST YEAR)					
1	ZCA 102/4	FIZIK II (KEELEKTRIKAN DAN KEMAGNETAN)	PHYSICS II (ELECTRICITY AND MAGNETISM)	(S) ZCA101/4	DR. MAHAYATUN DAYANA JOHAN OOI DR. RAMZUN MAIZAN RAMLI DR. BEH KHI POAY
2	ZCT 104/3	FIZIK IV (FIZIK MODEN)	PHYSICS IV (MODERN PHYSICS)		PROF. MADYA DR. YAM FONG KWONG DR. SUHANA ARSHAD DR. NORLAILI AHMAD KABIR
3	ZCT 106/3	ELEKTRONIK I	ELECTRONICS I	(C)ZCA102/4	DR. SITI AZRAH MOHAMAD SAMSURI DR. NURHAFIZAH MD DISA
4	ZCE 111/4	PENDEKATAN PENGKOMPUTERAN DALAM PEMBELAJARAN FIZIK	COMPUTATIONAL APPROACH IN PHYSICS LEARNING		PROF. MADYA DR. YOON TIEM LEONG DR. MUHAMMAD RABIE OMAR
5	ZCT 112/3	ALJABAR LINEAR DAN ANALISIS VEKTOR	LINEAR ALGEBRA AND VECTOR ANALYSIS	(S) ZCA 110/4 OR (S) MAA101/4	DR. NORHASLINDA MOHAMED TAHRIN
6	ZGT 172/3	SEDIMENTOLOGI DAN STRATIGRAFI	SEDIMENTOLOGY AND STRATIGRAPHY	(S) ZGT171/3	DR. TEOH YING JIA
7	ZGT 190/2	AMALI GEOLOGI	GEOLOGY PRACTICAL	(S) ZGT171/3	DR. TEOH YING JIA
8	ZCT 192/2	AMALI FIZIK II	PHYSICS PRACTICAL II		PROF. MADYA DR. LIM SIEW CHOO / KUMPULAN
TAHUN 2 (2ND YEAR)					
1	ZCT 205/3	MEKANI Kuantum	QUANTUM MECHANICS	(S) ZCT104/3	DR. LOH WAI MING
2	ZCE 208/3	MEKANI Klasik	CLASSICAL MECHANICS	(P) ZCA101/4 & (P) ZCA110/4 & (S) ZCT112/3 & ZCT210/4	PROF. MADYA DR. LIM SIEW CHOO
3	ZCT 219/4	KAEDAH MATEMATIK	MATHEMATICAL METHODS	(S) ZCT112/3 & (S) ZCT210/4	DR. WAN MOHAMAD HUSNI WAN MOKHTAR
4	ZKT 223/3	REKABENTUK KEJURUTERAAN	ENGINEERING DESIGN		PROF. MADYA DR. WONG CHOW JENG
5	ZKT 224/4	BAHAN ELEKTRONIK DAN FOTONIK I	ELECTRONIC AND PHOTONIC MATERIALS I	(S) ZCT106/3 & (S) ZCT210/4	DR. SUBRAMANI SHANMUGAN
6	ZMT 231/4	FISIOLOGI DAN ANATOMI MANUSIA	HUMAN ANATOMY AND PHYSIOLOGY		DR. NURUL HASHIKIN AB. AZIZ
7	ZGT 267/3	GEOFIZIK BUMI PEPEJAL II	SOLID EARTH GEOPHYSICS II		DR. YASIR BASHIR
8	ZGT 269/3	GEOFIZIK PENCARIGALIAN II	EXPLORATION GEOPHYSICS II		DR. NUR AZWIN ISMAIL
9	ZGT 271/3	ANALISIS DATA GEOFIZIK	GEOPHYSICAL DATA ANALYSIS	(S) ZCT210/4	DR. ANDY ANDERSON ANAK BERY
10	ZCE 277/4	STRUKTUR ALAM SEMESTA (Minor)	STRUCTURE OF THE UNIVERSE (Minor)		DR. JOHN SOO YUE HAN DR. NUR AZWIN ISMAIL
11	ZAT 281/4	PENGANTAR MIKROPEMROSES	INTRODUCTION TO MICROPROCESSORS	(P) ZCT206/3	PROF. MADYA DR. AHMAD FAIRUZ OMAR
12	ZAT 283/3	INSTRUMENTASI	INSTRUMENTATION	(S) ZCT106/3 & (S) ZCT215/2	PROF. MADYA DR. SHAHROM MAHMUD
13	ZCT 294/2	AMALI FIZIK IV	PHYSICS PRACTICAL IV	(S) ZCT191/2 OR (S) ZCT192/2	DR. BEH KHI POAY / KUMPULAN
14	ZGT 295/4	AMALI GEOFIZIK (DUA SEMESTER)	GEOPHYSICS PRACTICAL (TWO SEMESTERS)		DR. ANDY ANDERSON ANAK BERY / KUMPULAN
15	ZKT 296/2	MAKMAL FOTONIK	PHOTONICS LABORATORY	(S) ZCT293/2	PROF. MADYA DR. YAM FONG KWONG / KUMPULAN
16	ZMT 298/2	AMALI FIZIK PERUBATAN	MEDICAL PHYSICS PRACTICAL	(S) ZCT293/2	DR. RAMZUN MAIZAN RAMLI / KUMPULAN

TAHUN 3 (3RD YEAR)					
1	ZCT 304/3	KEELEKTRIKAN DAN KEMAGNETAN	ELECTRICITY AND MAGNETISM	(P) ZCA102/4 & (S) ZCT112/3 & (S) ZCT210/4	DR. WONG KHAI MING
2	ZCT 317/3	FIZIK KEADAAN PEPEJAL II	SOLID STATE PHYSICS II	(S) ZCT307/3	PROF. MADYA DR. QUAH CHING KHENG
3	ZKE 326/4	PEMROSESAN ISYARAT DAN IMEJ	SIGNAL AND IMAGE PROCESSING	(S) ZGT219/4	DR. BEH KHI POAY
4	ZMT 334/4	FIZIK RADIOLOGI DIAGNOSTIK	PHYSICS OF DIAGNOSTIC RADIOLOGY		DR. NURUL ZAHIRAH NOOR AZMAN
5	ZMT 335/4	FIZIK RADIOTERAPI DAN PERUBATAN NUKLEAR	PHYSICS OF RADIOTHERAPY AND NUCLEAR MEDICINE	(S) ZCT104/3	DR. YASMIN MD RADZI DR. NIK NOOR ASHIKIN NIK AB RAZAK
6	ZCE 341/4	KAJIAN TENAGA	ENERGY STUDIES	(S) ZCA101/4 & (S) ZCA102/4	DR. NURHAFIZAH MD DISA
7	ZGE 364/3	METEOROLOGI TROPIKA DAN RAMALAN	TROPICAL METEOROLOGY AND FORECASTING	(S) ZGT285/3	PROF. MADYA DR. LIM HWEE SAN
8	ZCE 378/4	PENGANTAR ASTRONOMI RADIO (Minor)	INTRODUCTION TO RADIO ASTRONOMY (Minor)		PROF. MADYA DR. ABDUL HALIM ABDUL AZIZ DR. JOHN SOO YUE HAN
9	ZAT 386/4	FIZIK PERANTI SEMIKONDUKTOR	PHYSICS OF SEMICONDUCTOR DEVICES	(S) ZCT106/3 & (S)ZCT307/3	TS. DR. MOHD ZAMIR PAKHURUDDIN DR. MOHD MARZAINI MOHD RASHID
10	ZCT 390/8	PROJEK FIZIK TULEN (DUA SEMESTER)	PURE PHYSICS PROJECT (TWO SEMESTERS)		PROF. MADYA DR. AHMAD FAIRUZ OMAR / KUMPULAN
11	ZAT 394/8	PROJEK FIZIK GUNAAN (DUA SEMESTER)	APPLIED PHYSICS PROJECT (TWO SEMESTERS)		PROF. MADYA DR. QUAH CHING KHENG / KUMPULAN
12	ZGT 395/8	PROJEK GEOFIZIK (DUA SEMESTER)	GEOFYSICS PROJECT (TWO SEMESTERS)		DR. ANDY ANDERSON ANAK BERY / KUMPULAN
13	ZKT 396/8	PROJEK FIZIK KEJURUTERAAN (DUA SEMESTER)	ENGINEERING PHYSICS PROJECT (TWO SEMESTERS)		PROF. MADYA DR. QUAH CHING KHENG / KUMPULAN
14	ZMT 397/8	PROJEK FIZIK PERUBATAN (DUA SEMESTER)	MEDICAL PHYSICS PROJECT (TWO SEMESTERS)		DR. RAMZUN MAIZAN RAMLI / KUMPULAN
TAHUN 4 (4TH YEAR)					
1	ZKE 427/3	PENCAHAYAAN KEADAAN PEPEJAL II	SOLID STATE LIGHTING II		DR. MAHAYATUN DAYANA JOHAN OOI
2	ZME 432/4	LASER PERUBATAN	MEDICAL LASER	(S) ZCT104/3	DR. NURSAKINAH SUARDI
3	ZGE 460/3	METEOROLOGI SINOPTIK	SYNOPTIC METEOROLOGY		PROF. MADYA DR. ISKANDAR SHAHRIM MUSTAFA
4	ZGE 461/3	GEOLOGI LANJUTAN	ADVANCE GEOLOGY		DR. ISMAIL AHMAD ABIR
5	ZGE 479/3	OSEANOGRAFI GEOLOGI	GEOLOGICAL OCEANOGRAPHY		DR. MD. NOORDIN ABU BAKAR
6	ZAE 484/4	TEKNOLOGI LASER DAN APLIKASINYA	LASER TECHNOLOGY AND ITS APPLICATION	(S) ZCT104/3	DR. NASER MAHMOUD AHMED
7	ZAE 488/4	PENGUJIAN TAK MEMBINASA	NON-DESTRUCTIVE TESTING	(S) ZCT104/3	PROF. MADYA DR. AZHAR ABDUL RAHMAN PROF. DR. ABDUL RAZAK IBRAHIM
8	ZCE 499/9	LATIHAN INDUSTRI	INDUSTRIAL TRAINING	(S) ZCT398/8 OR (S) ZMT397/8 OR (S) ZGT395/8	PROF. MADYA DR. ISKANDAR SHAHRIM MUSTAFA
KOD	TAJUK KURSUS			PENYELARAS	
HFE 224	PENGHAYATAN ETIKA & PERADABAN-KURSUS MPU		APPRECIATION OF ETHICS AND CIVILISATION	(Pelajar WAJIB ambil pada tahun 2 kedua-dua kursus)	DR. WAN MOHAMAD HUSNI WAN MOKHTAR
HFF 225	FALSAFAH DAN ISU SEMASA-KURSUS MPU		PHILOSOPHY AND CURRENT ISSUES		
SHE 101	HUBUNGAN ETNIK		ETHNIC RELATIONS		DR. NURHAFIZAH MD DISA DR. NURUL HASHIKIN AB. AZIZ
HTV 201	TEKNIK BERFIKIR		THINKING TECHNIQUES		DR. SITI AZRAH MOHAMAD SAMSURI DR. ANDY ANDERSON ANAK BERY

SENARAI KURSUS-KURSUS IJAZAH SARJANA YANG DITAWARKAN UNTUK SEMESTER II, SIDANG AKADEMIK 2021/2022

Bil	KOD	TAJUK KURSUS	TENAGA PENGAJAR
MSc MEDICAL PHYSICS (COURSE WORK) [FIZIK PERUBATAN (KERJA KURSUS)]			
1	ZCT 535/4	PERUBATAN NUKLEAR DAN FIZIK RADIOTERAPI	NUCLEAR MEDICINE AND RADIOTHERAPY PHYSICS DR. NIK NOOR ASHIKIN NIK AB RAZAK DR. NORLAILI AHMAD KABIR
2	ZCE 537/2	ULTRASONIK DAN PENGIMEJAN RESONAN MAGNET	ULTRASOUND AND MAGNETIC RESONANCE IMAGING DR. YASMIN MD RADZI
3	ZCE 538/2	RADIOBIOLOGI DAN KIMIA SINARAN	RADIOBIOLOGY AND RADIATION CHEMISTRY DR. NURSAKINAH SUARDI
4	ZCT 595/8	PROJEK	PROJECT DR. RAMZUN MAIZAN RAMLI / KUMPULAN
5	ZCT 597/4	AMALI FIZIK PERUBATAN II	MEDICAL PHYSICS PRACTICAL II DR. RAMZUN MAIZAN RAMLI / KUMPULAN
MSc RADIATION SCIENCE (MIXED MODE) [SAINS SINARAN (MOD CAMPURAN)]			
1	ZCT 598/20	DISERTASI	DISSERTATION DR. RAMZUN MAIZAN RAMLI / KUMPULAN
MSc SOLID STATE PHYSICS (COURSE WORK) [FIZIK KEADAAN PEPEJAL (KERJA KURSUS)]			
1	ZSC 546/4	PERANTI-PERANTI SEMIKONDUKTOR	SEMICONDUCTOR DEVICES DR. MOHD MARZAINI MOHD RASHID
2	ZSC 549/4	FIZIK KOMUNIKASI OPTIK	PHYSICS OF OPTICAL COMMUNICATION DR. MOHD MAHADI HALIM
3	ZCC 592/4	TEKNIK-TEKNIK EKSPERIMEN DAN PENGUKURAN II	MEASUREMENTS AND EXPERIMENTAL TECHNIQUES II PROF. MADYA DR. QUAH CHING KHENG / KUMPULAN
4	ZCC 593/8	PROJEK	PROJECT PROF. MADYA DR. QUAH CHING KHENG / KUMPULAN
MSc APPLIED GEOPHYSICS (MIXED MODE) [GEOFIZIK GUNAAN (MOD CAMPURAN)]			
1	ZGT 594/20	DISERTASI	DISSERTATION DR. ANDY ANDERSON ANAK BERY / KUMPULAN