

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

BIL	KOD DAN TAJUK KURSUS			PRASYARAT KURSUS	TENAGA PENGAJAR
TAHUN 1 (YEAR 1)					
1	ZCA 1014	MECHANICS	MEKANIK		PROF. MADYA DR. NURHAYATI ABDULLAH DR. NURHAFIZAH MD DISA
2	ZCT 103/3	VIBRATIONS, WAVES, AND OPTICS	GETARAN, GELOMBANG, DAN OPTIK		DR. MUHAMMAD RABIE OMAR DR. SITI AZRAH MOHAMMAD SAMSURI
3	ZCA 110/4*	CALCULUS	KALKULUS		PROF. MADYA DR. YOON TIEM LEONG
4	ZGT 171/3	PHYSICAL GEOLOGY AND HYDROGEOLOGY	FIZIKAL GEOLOGI DAN HIDROGEOLOGI	(C) ZCA 101/4	DR. TEOH YING JIA
5	ZCT 191/2	PHYSICS PRACTICAL I	AMALI FIZIK I		PROF. MADYA DR. LIM SIEW CHOO / KUMPULAN
TAHUN 2 (YEAR 2)					
1	ZCT 206/3	ELECTRONICS II	ELEKTRONIK II	(S) ZCT 106/3	PROF. MADYA DR. SHAHROM MAHMUD
2	ZCT 210/4	COMPLEX ANALYSIS AND DIFFERENTIAL EQUATIONS	ANALISIS KOMPLEKS DAN PERSAMAAN PEMBEZAAN	(S) ZCA 110/4 or (S) MAA 101/4	DR. NORHASLINDA MOHAMED TAHRIN DR. WAN MOHAMMAD HUSNI WAN MOKHTAR
3	ZCT 214/3	THERMODYNAMICS	TERMODINAMIK	(S) ZCA 102/4	DR. LOH WAI MING
4	ZCT 215/3	OPTICS	OPTIK	(S) ZCT 103/3	DR. BEH KHI POAY
5	ZGT 265/3	METEOROLOGY 1	METEOROLOGI 1	(C) ZGT 266/3	DR. NUR AZWIN ISMAIL
6	ZGT 266/3	SOLID EARTH GEOPHYSICS I	GEOFIZIK BUMI PEPEJAL I	(S) ZGT 162/3	PROF. MADYA DR. NORDIANA MOHD MUZTAZA
7	ZGT 268/3	EXPLORATION GEOPHYSICS I	GEOFIZIK PENCARIGALIAN I	(C) ZGT 266/3	DR. NUR AZWIN ISMAIL
8	ZCE 275/4	INTRODUCTION TO ASTRONOMY (Minor in Astronomy)	PENGANTAR ASTRONOMI (Minor Astronomy)		DR. JOHN SOO YUE HAN
9	ZAE 282/3	MATERIAL SCIENCE	SAINS BAHAN	(C) ZCT 214/3	PROF. MADYA DR. ISKANDAR SHAHRIM MUSTAFA
10	ZCT 293/2	PHYSICS PRACTICAL III	AMALI FIZIK III	(S) ZCT 191/2 or (S) ZCT 192/2	DR. BEH KHI POAY / KUMPULAN
11	ZGT 295/4	GEOPHYSICS PRACTICAL (Two Semesters)	GEOFIZIK AMALI (Dua Semester)	(S) ZGT 190/2	DR. NORDIANA MOHD MUZTAZA / KUMPULAN
12	ZKT 297/3	PRACTICAL TRAINING	LATIHAN PRAKTIK	(S) ZCT 192/2	PROF. MADYA DR. WONG CHOW JENG
TAHUN 3 (YEAR 3)					
1	ZCE 305/3	ATOMIC AND NUCLEAR PHYSICS	FIZIK ATOM DAN FIZIK NUKLEUS	(S) ZCT 205/3	DR. WONG KHAI MING
2	ZCT 307/3	SOLID STATE PHYSICS I	FIZIK KEADAAN PEPEJAL I	(S) ZCT 205/3	PROF. MADYA DR. QUAH CHING KHENG
3	ZCT 314/3	STATISTICAL MECHANICS	MEKANIK STATISTIK	(S) ZCT 214/3	PROF. MADYA DR. LIM SIEW CHOO
4	ZKT 321/3	ENGINEER IN SOCIETY	JURUTERA DALAM MASYARAKAT		PROF. MADYA DR. AHMAD FAIRUZ OMAR
5	ZKE 322/3	ELECTRONIC AND PHOTONIC MATERIALS II	BAHAN ELEKTRONIK DAN FOTONIK II	(S) ZKT 224/4	DR. MAHAYATUN DAYANA JOHAN OOI
6	ZKE 323/3	ELECTRONIC AND PHOTONIC DEVICES AND SYSTEMS	PERANTI DAN SISTEM ELEKTRONIK DAN FOTONIK	(S) ZCT 106/3 dan (S) ZCT 215/3	PROF. DR. MOHD. ZUBIR MAT JAFRI
7	ZKE 327/3	SOLID STATE LIGHTING I	PENCABAHAYAAN KEADAAN PEPEJAL I	(C) ZCT 307/3	PROF. MADYA DR. YAM FONG KWONG
8	ZME 336/4	MEDICAL INSTRUMENTATION	INSTRUMENTASI PERUBATAN	(S) ZCT 106/3	DR. NIK NOOR ASHIKIN NIK ABD RAZAK
9	ZGE 370/3	METEOROLOGY II	METEOROLOGI II	(S) ZGT 265/3 dan (S) ZGT 271/3	DR. ANDY ANDERSON ANAK BERY
10	ZGT 372/3	INTRODUCTION TO OCEANOGRAPHY	PENGANTAR OSEANOGRAFI	(S) ZCA 101/4 and (S) ZGT 162/3	DR. MD. NOORDIN ABU BAKAR
11	ZGT 374/4	REMOTE SENSING	PENDERIAAN JAUH	(S) ZCA 102/4 and (S) ZCT 103/3	PROF. MADYA DR. LIM HWEE SAN
12	ZCE 376/4	PRINCIPLES AND PRACTICES IN ASTRONOMY (Minor in Astronomy)	PRINSIP DAN AMALAN ASTRONOMI (Minor Astronomy)		DR. JOHN SOO YUE HAN
13	ZCT 390/8	PURE PHYSICS PROJECT (Two Semesters)	PROJEK FIZIK TULEN (Dua Semester)	(S) ZCT 294/2	PROF. MADYA DR. ISKANDAR SHAHRIM MUSTAFA / KUMPULAN
14	ZAT 394/8	APPLIED PHYSICS PROJECT (Two Semesters)	PROJEK FIZIK GUNAAN (Dua Semester)	(S) ZCT 293/2	DR. MOHD MAHADI HALIM / KUMPULAN
15	ZGT 395/8	GEOPHYSICS PROJECT (Two Semesters)	PROJEK GEOFIZIK (Dua Semester)	(S) ZGT 295/4	PROF. MADYA DR. NORDIANA MOHD MUZTAZA / KUMPULAN
16	ZKT 396/8	ENGINEERING PHYSICS PROJECT (Two Semesters)	PROJEK FIZIK KEJURUTERAAN (Dua Semester)	(S) ZKT 296/2	PROF. MADYA DR. YAM FONG KWONG / KUMPULAN
17	ZMT 397/8	MEDICAL PHYSICS PROJECT (Two Semesters)	PROJEK FIZIK PERUBATAN (Dua Semester)	(S) MAT 181/4 or (S) ZCE 111/4 and (S) ZMT 298/2	DR. NURSAKINAH SUARDI / KUMPULAN
TAHUN 4 (YEAR 4)					
1	ZMT 431/4 (ZCE 431/4)	RADIATION BIOPHYSICS	BIOFIZIK SINARAN	(S) ZCT 104/3	DR. NURSAKINAH SUARDI DR. NIK NOOR ASHIKIN NIK ABD RAZAK
2	ZME 438/4	PHYSICS OF MEDICAL IMAGING	FIZIK PENGIMEJAN PERUBATAN	(S) ZCT 106/3	PROF. DR. MOHD. ZUBIR MAT JAFRI DR. RAMZUN MAIZAN RAMLI
3	ZCE 451/3	X-RAY ANALYSIS	ANALISIS SINAR-X	(C) ZCT 307/3	DR. SUHANA ARSHAD
4	ZGE 471/3	POTENTIAL FIELD INTERPRETATION	PENTAFISIRAN MEDAN KEUPAYAAN	(S) ZGT 269/3	PROF. MADYA DR. NORDIANA MOHD MUZTAZA
5	ZGE 473/4	SEISMIC DATA PROCESSING	PEMROSESAN DATA SEISMIK	(S) ZGT 268/3 and (S) ZGT 271/3	DR. YASIR BASHIR
6	ZGE 475/3	ENGINEERING AND ENVIRONMENTAL GEOPHYSICS	GEOFIZIK KEJURUTERAAN DAN PERSEKITARAN	(S) ZGT 268/3	PROF. DR. ROSLI SAAD
7	ZGE 477/3	PHYSICS OCEANOGRAPHY	OSEANOGRAFI FIZIK	(S) ZCT 372/3	DR. MD. NOORDIN ABU BAKAR
8	ZAE 485/4	APPLIED SPECTROSCOPY	SPEKTROSKOPI GUNAAN	(S) ZCT 215/3	DR. MOHD MAHADI HALIM
9	ZAT 487/4	SEMICONDUCTOR FABRICATION PROCESSES	PROSES FABRIKASI SEMIKONDUKTOR	(S) ZAT 386/4	DR. MOHD ZAMIR PAKHURUDDIN
10	ZAT 489/3	LOW DIMENSIONAL SEMICONDUCTOR STRUCTURES	STRUKTUR SEMIKONDUKTOR DIMENSI RENDAH	(S) ZCT 307/3	DR. MOHD MARZAINI MOHD RASHID DR. MAHAYATUN DAYANA JOHAN OOI
	HTV 201	THINKING TECHNIQUE	TEKNIK BERFIKIR	(PENYELARAS)	DR. NURHAFIZAH MD DISA DR. SITI AZRAH MOHAMMAD SAMSURI MUHAMMAD RABIE OMAR
	WUS 101	CORE ENTREPRENEURSHIP	TERAS KEUSAHAWANAN	(PENYELARAS)	DR. NURUL HASHIKIN AB. AZIZ DR. YASMIN MD RADZI
	HFF 225	PHILOSOPHY AND CURRENT ISSUES	FALSAPAH DAN ISU SEMASA	(PENYELARAS)	DR. WAN MOHAMMAD HUSNI WAN MOKHTAR DR. LOH WAI MING

*The course content of ZCA 110/4 overlaps with Mathematics course MAA 101/4 Calculus for Science Students I. Students can only register either ZCA 110/4 or MAA 101/4.

PETUNJUK PRA SYARAT :

(P) - Pass / Lulus - Grade C and above (Perlu lulus kursus PRA SYARAT dalam semester sebelumnya)

(S) - Sequential / Ambil - Course must be taken earlier (Kursus PRA SYARAT yang telah diambil dalam semester sebelumnya)

(C) - Concurrent / Bersama - Course must be taken concurrently (Perlu ambil kursus PRA SYARAT bersama-sama dengan kursus yang ditawarkan)