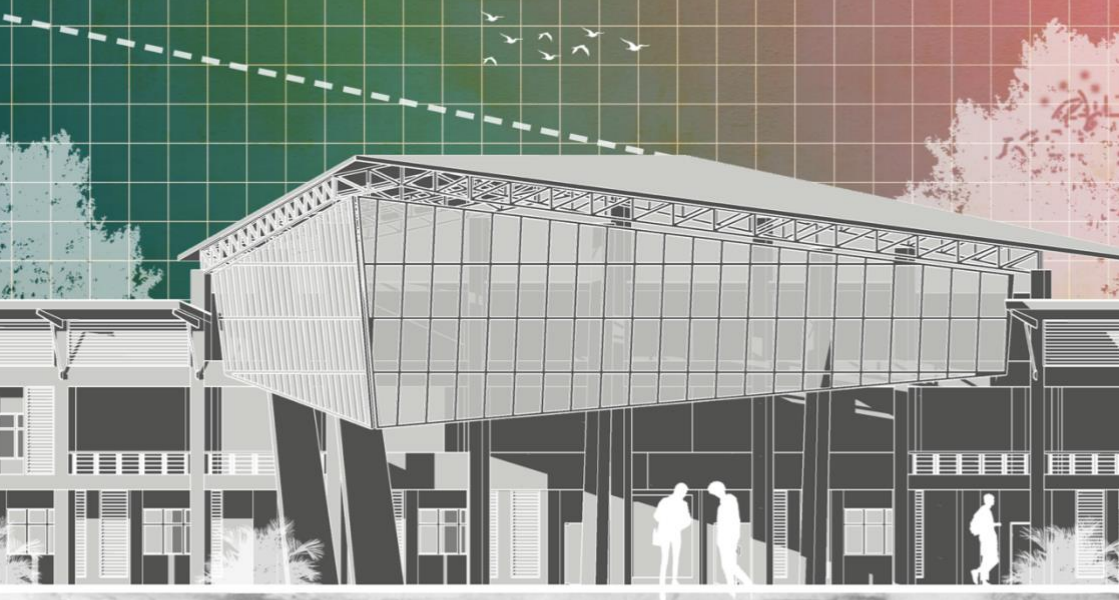




Fakulti Alam Bina

Faculty of Built Environment



Buku Panduan Pelajar

Prasiswazah 2022/2023

Undergraduate Guidebook 2022/2023

UNIMAS Vision

A leading global university for a sustainable future

UNIMAS Mission

To enhance the social and economic impacts on the global community through the pursuit of excellence in teaching, research, and strategic engagement

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Kata Aluan

Foreword



Prof Ar Dr Julaihi Wahid

Dean

Faculty of Built Environment

Universiti Malaysia Sarawak

Assalamu'alaikum Warahmatullahi Wabarakatuh dan Salam Sejahtera

Welcome to the Faculty of Built Environment, the 10th faculty in UNIMAS!

Faculty of Built Environment is the 10th faculty in UNIMAS and it has become an additional venue to integrate the multi-disciplinary profession of the built environment. UNIMAS is situated in the Island of Borneo which is rich in natural habitat and sets a suitable place for our staffs and student to train the visionaries and imagine the future through diversified plans. These prospects and opportunities enable it to be the hub of ethno-architecture centre along the vision 2030 of the state government giving chance to find solutions to the twenty-first century challenges. We encourage the student to be responsible at all times in terms of their academic standing and attitude of fostering innovation, intellectual wonder and critical problem-solving. The faculty is composed of lecturers with expertise on different background in their own field. The highly committed faculty members are resilient to difficult circumstances, for instance the incorporation of remote delivery technologies and pedagogy in the last pandemic. The focus on research and development as well as interpersonal competency also enables the continuity of knowledge to facilitate the student. Likewise, the faculty promotes the image of Sarawak by means of leading the edge of innovation and academic excellence, encapsulating the spirit of being socially responsive and adaptive to the ever changing world.

Prof Ar Dr Julaihi Wahid

Jawatankuasa Pengurusan Tertinggi UNIMAS

UNIMAS Executive Committee



Naib Canselor
Vice-Chancellor

Prof Datuk Dr Mohamad Kadim bin Suaidi



TIMBALAN NAIB CANSELOR
(PENYELIDIKAN DAN INOVASI)
Deputy Vice-Chancellor (Research & Innovation)

Prof Dr Wan Hashim Wan Ibrahim



TIMBALAN NAIB CANSELOR
(AKADEMIK DAN ANTARABANGSA)
Deputy Vice-Chancellor (Academic & International)

Prof. Dr. Ahmad Hata Rasit



TIMBALAN NAIB CANSELOR
(HAL EHWAL PELAJAR DAN ALUMNI)
Deputy Vice-Chancellor (Student Affairs & Alumni)

Prof. Dr. Thomas Kana @ Kamarudin bin Kana



PENOLONG NAIB CANSELOR
Assistant Vice-Chancellor

Prof Datu Mohd Fadzil bin Abd Rahman



PENDAFTAR
Registrar

Tuan Haji Azlan bin Ramli



BENDAHARI
Bursar

Tuan Haji Mazlan bin Kiflie

Jawatankuasa Pengurusan Fakulti

Faculty Management Committee



Dekan
Dean

Prof Ar Dr Julaihi Wahid



Timbalan Dekan
Prasiswazah
Deputy Dean
(Undergraduate)

Dr Siti Syariazulfa Kamaruddin
kssyariazulfa@unimas.my



Timbalan Dekan
Penyelidikan &
Pengkomersialan
Deputy Dean
(Research &
Commercialization)

Assoc. Prof Sr Ts. Dr. Afzan
Zaini
azafzan@unimas.my



Timbalan Dekan
Hubungan Industri dan
Masyarakat
Deputy Dean
(Industry and Community
Engagement)

Sr Gui Hun Chuen
hcgui@unimas.my



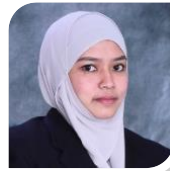
Timbalan Dekan
(Hal Ehwal Pelajar dan
Alumni)
Deputy Dean
(Student Affairs and Alumni)

Dr Atta Idrawani Zaini
izatta@unimas.my



Ketua Jabatan Senibina
Head of Department
(Architecture)

Dr Raja Nur Syaheeza Bin Raja
Mohd Yazit
rmysyaheeza@unimas.my



Ketua Jabatan Ukur Bahan
Head of Department
(Quantity Surveying)

Sr Sitti Diana binti Tamjehi
tsdiana@unimas.my



Penolong Pendaftar Kanan
Senior Assistant Registrar

Siti Mariani binti Hamlin
hsmariani@unimas.my



Penyelaras Program Sarjana Pascasiswazah & Penyelaras CDM

Postgraduate Programme Coordinator (Construction Design Management)

Dr Mohd Afzan @ Nooawavi
Mohamed
mmafzan@unimas.my



Penyelaras Perancangan Strategik
Strategic Planning Coordinator

Prof. Dr. Azhaili Baharun
bazhaili@unimas.my



Penyelaras Program Sarjana Senibina
Master of Architecture Programme Coordinator

Ar Awang Hasim Awang
Sulong
asahasim@unimas.my

Staf Pentadbiran dan Teknikal

Administrative and Technical Staff



Siti Mariani binti Hamlin
Penolong Pendaftar Kanan

hsmariani@unimas.my
Samb/ext: 1897



Nuraishah binti Abdul Karim
Penolong Pegawai Tadbir

aknuraishah@unimas.my
Samb/ext: 2504



Claudia Anne Allin
Setiausaha Pejabat

aclaudia@unimas.my
Samb/ext: 2249



Mohamad Asri bin Zaidi
Penolong Pegawai Senibina

zmasri@unimas.my
Samb/ext: 2502



Zaharaa' binti Hadzli
Penolong Juruukur Bahan

hzaharaa@unimas.my
Samb/ext: 2213



Roslawati binti Kono
Pembantu Tadbir (P/O)

krosla@unimas.my
Samb/ext: 1891



Mohamad Fairuz bin Hasbi
Pembantu Tadbir (P/O)

hmfairuz@unimas.my
Samb/ext: 1890



Irwandy bin An
Juruteknik Komputer

airwandy@unimas.my
Samb/ext: 2501



Hafidawati binti Madihi
Pembantu Setiausaha Pejabat

mhafidawati@unimas.my
Samb/ext: 1895



Noorhabsa binti Tinggal
Pembantu Tadbir (P/O)
tnoorhabsa@unimas.my
Samb/ext: 1890



Nurul Jannah Haman
Pembantu Tadbir (P/O)
hnjannah@unimas.my
Samb/ext: 1892



Draman bin Abun
Pembantu Operasi
adraman@unimas.my
Samb/ext: 1890

Struktur Akademik

Academic Structure

(Dibaca Bersama Buku Peraturan Akademik Ijazah Sarjana Muda UNIMAS di laman sesawang Bahagian Pengajian Prasiswazah di https://www.bpps.unimas.my/my_unimas. Sebarang percanggahan rujuk Buku Panduan Fakulti.)

Struktur Program | Programme Structure

Setiap program pengajian di UNIMAS telah direkabentuk menurut kurikulum yang berasaskan kepada pembangunan individu secara total sebagai warga yang berautonomi dan saling bekerjasama dalam masyarakat. Struktur program pengajian mengandungi kursus-kursus menurut kategori berikut:

Each programme at UNIMAS has been designed in accordance with a curriculum based on individual development as an autonomous citizen working together in the community. The structure of the programme consists of courses in the following categories:

01 Kursus Teras / Core Courses

Kursus-kursus yang memberikan pengetahuan dan kemahiran ke arah pengkhususan dalam sesuatu bidang atau lapangan yang dituntut bagi sesuatu program. Kursus ini adalah wajib bagi semua pelajar dan mereka diwajibkan untuk lulus.

Courses providing specialized knowledge and skills in a particular field required for a programme. Core courses are mandatory for all students and they have to obtain a pass.

02 Mata Pelajaran Umum (MPU) / General Education Subjects

Mata Pelajaran Umum (MPU) adalah kursus wajib universiti yang perlu diambil bagi tujuan pengijazahan. Kursus-kursus dibawah kategori MPU dilihat mampu untuk melahirkan graduan yang holistik, menghayati nilai-nilai patriotisme dan jati diri beracuan Malaysia serta menguasai kemahiran insaniah ke arah memenuhi kebolehpasaran kerja. Kod kursus dibawah kategori ini bermula dengan MPU.

General Education Subjects are compulsory university courses which are the pre-requisite for the undergraduate degree. Courses under the category of MPU are designed to produce holistic graduates, who appreciate the values of patriotism and Malaysian identity, and have mastered soft skills towards fulfilling graduate employability. The course code under this category starts with MPU.

03 Kursus Elektif Universiti / University Elective Courses

Modul Elektif Universiti adalah seperti berikut:

- (i) Melibatkan semua program akademik prasiswazah di UNIMAS;
- (ii) Pelajar WAJIB mengambil kursus elektif universiti yang ditawarkan oleh luar program bagi memenuhi objektif meningkatkan pengalaman dan keupayaan pelajar mempelajari pengetahuan yang bersifat merentas disiplin;
- (iii) Pelajar Program Senibina perlu mengambil 3 kredit untuk Modul Elektif Universiti dan pelajar program Ukur Bahan perlu mengambil 6 kredit;
- (iv) Kluster kursus elektif universiti pelajar adalah berdasarkan kluster yang dipilih semasa kali pertama pelajar mendaftar kursus elektif universiti;
- (v) Sebarang pertukaran atau pengguguran kursus bagi kursus elektif universiti adalah tertakluk kepada proses kerja sedia ada; dan
- (vi) Sekiranya pelajar bertukar program, sebarang kursus elektif universiti yang telah diambil pelajar tersebut dan lulus boleh dibawa ke hadapan untuk pindah gred;

Enam (6) kluster elektif universiti seperti berikut:

- (i) Sains, Teknologi dan Perubatan;
- (ii) Sains Sosial dan Kemanusiaan;
- (iii) Perniagaan dan Pengurusan;
- (iv) Seni Kreatif dan Reka Bentuk;
- (v) Linguistik dan Komunikasi dan
- (vi) Elektif Khas di mana pelajar boleh mengambil kursus dari dua (2) kluster yang berbeza.

04 Pra-keperluan / Keperluan

Pre-requisite / Requisite

- **Pra-keperluan** bermaksud kursus atau keperluan lain yang mesti diambil dan lulus oleh pelajar sebelum mengambil kursus atau program tertentu.
- **Keperluan** bermaksud kursus atau keperluan lain yang mesti diambil oleh pelajar sebelum mendaftarkan diri dalam kursus atau program tertentu.
- **Pre-requisite** *indicates a course or other requirement that a student must have taken and passed prior to enrolling in a specific course or programme.*
- **Requisite** *indicates a course or other requirement that a student must have taken prior to enrolling in a specific course or programme.*

Sistem Semester dan Kursus Bermodul | Semester System and Modular Courses

Struktur pengajian di UNIMAS berasaskan kepada struktur semester dengan kursus bermodul. Tahun pengajian lazimnya dibahagikan kepada dua semester:

Semester 1	tujuh belas (17) minggu
Semester 2	tujuh belas (17) minggu, dan
Antarsesi	lapan (8) minggu

Kursus yang ditawarkan mempunyai nilai unit mengikut waktu pengajaran dan pembelajaran. Sebagai panduan, satu jam kredit bersamaan dengan 1-2 jam temu seminggu bagi kursus berkenaan.

The structure of the programme at UNIMAS is based on the semester structure with course modules. The academic year is usually divided into two semesters:

<i>Semester 1</i>	<i>seventeen (17) weeks</i>
<i>Semester 2</i>	<i>seventeen (17) weeks, and</i>
<i>Intersession</i>	<i>eight (8) weeks</i>

Courses offered have a unit value according to teaching and learning time. As a rule, one credit hour is equivalent to 1-2 hours of class time per week for the course.

Pendaftaran Kursus | Course Registration

Pendaftaran bagi semua kursus perlu dilakukan pada masa dan tempoh yang ditetapkan. Pelajar diwajibkan mendaftar pada tarikh dan tempoh masa yang telah ditetapkan oleh Bahagian Pengajian Prasiswazah.

Registration for all courses must be done on time and within the specified period. Students are required to register within the time stipulated by the Undergraduate Studies Division.

Pelajar dinasihatkan menambah dan menggugur kursus Program Senibina dan Ukur Bahan sehingga akhir minggu pertama perkuliahan sahaja.

Students are advised to drop and add Architecture and Quantity Surveying courses only until the end of the first week of lecture.

Jumlah Kredit Bagi Program | Programme Accumulated Credit

Setiap pelajar hendaklah mengikuti kursus-kursus pengukuhan seperti berikut:

- a) Kursus Ko-kurikulum Berkredit (Untuk ambilan Sesi 2020/2021 dan seterusnya).
- b) Kursus Kemahiran Insaniah dan Asas Kesukarelawanan.
- c) Kursus Bahasa Inggeris Persediaan 1 dan Kursus Bahasa Inggeris Persediaan 2 untuk pelajar yang mendapat MUET Band 2.
- d) Bagi pelajar yang mengikuti mana-mana kursus badan beruniform dengan melengkapkan Kursus Badan Beruniform latihan 1, 2 dan 3 dengan jumlah 3 kredit adalah dikecualikan daripada mengambil Kursus Kemahiran Insaniah dan Asas Kesukarelawanan. Pelajar boleh sama ada tidak atau meneruskan Kursus Beruniform latihan 4, 5 dan 6 untuk melayakkan mereka ditauliahkan.

All students must undertake the following courses:

- a) Credited Co-Curriculum Course (for 2020/2021 intake and below)*
- b) Soft Skills and Basic Entrepreneurship course*
- c) Preparatory English Course 1 and Preparatory English Course 2 for students with MUET Band 2*
- d) Students undertaking any uniformed body courses who fulfill the Uniformed Body Course training 1, 2 and 3 with a total of three (3) credits are exempted from taking Soft Skills and Basic Volunteerism. Students may opt to continue their Uniformed Body training 4, 5 and 6 in order to qualify them for commissioning.*

Permarkahan dan gred akan diberikan kepada semua kursus yang disenaraikan di atas kecuali kursus Kemahiran Insaniah dan Asas Kesukarelawanan yang diberikan keputusan Lulus/Gagal sahaja.

Marks and letter grades will be awarded to all listed courses mentioned above except for Soft Skills and Basic Entrepreneurship which are graded with a Pass/Fail.

Penilaian | Assessment

Penilaian ialah suatu proses membuat pertimbangan dan keputusan mengenai prestasi pelajar berdasarkan kepada standard tanda aras yang dinyatakan oleh kriteria prestasi dan sasaran prestasi bagi sesuatu hasil pembelajaran berdasarkan bukti yang telah diperolehi oleh proses pentaksiran (Rujuk Peraturan Akademik Ijazah Sarjana Muda UNIMAS).

Assessment is a process of evaluating and determining student performance relative to benchmark standards established by performance criteria and targets for specific learning outcomes based on evidence obtained by the evaluation process (Refer to Peraturan Akademik Ijazah Sarjana Muda UNIMAS).

Bagi kes pelajar yang tidak menduduki peperiksaan akhir, pengiraan markah keseluruhan kursus tersebut tetap mengambilkira markah penilaian berterusan dan markah penilaian akhir.

In the event where a student failed to undertake the final examination of a course, the scoring of marks for the overall course will still take into account the carry marks and final assessment marks.

Jadual Gred dan Nilai Gred yang digunapakai bagi semua Kursus Teras adalah seperti di bawah:

The Schedule of Grade and Grade Value applicable to all Core Courses are as follows:

Gred Grade	Julat Markah Score Range	Nilai Gred Grade Point	Taraf Pencapaian Kursus Teras Core Course Achievement Standards
A	80-100	4.00	Lulus Cemerlang Excellent
A-	75-79	3.67	
B+	70-74	3.33	Lulus Kepujian Credit
B	65-69	3.00	
B-	60-64	2.67	Lulus Baik Good
C+	55-59	2.33	
C	50-54	2.00	Lulus Pass
C-	45-49	1.67	Gagal Fail
D	40-44	1.00	
F	< 40	0.00	

Pemarkahan PUK diambil berdasarkan gred berikut:

Scoring of the PUK are taken on the basis of the following grades:

Gred C (Pelajar kemasukan sesi akademik 2017/2018 dan seterusnya untuk kursus teras Fakulti Alam Bina).

Sekiranya pelajar masih gagal, gred yang diambil berdasarkan gred terbaik.

Grade C (Student of the 2017/2018 academic intake and above) for core courses at the Faculty of Built Environment

In the event where a student fails a course repeatedly, the grade taken into account will be the best grade.

Tempoh Pengajian | Duration of Study

Program <i>Programme</i>	Tempoh Pengajian <i>Duration of Study</i>	
	Minimum <i>Minimum</i>	Maksimum <i>Maximum</i>
Tiga (3) tahun <i>Three (3) years</i>	Enam (6) semester <i>Six (6) semesters</i>	Dua belas (12) semester <i>Twelve (12) semesters</i>
Empat (4) tahun <i>Four (4) years</i>	Lapan (8) semester <i>Eight (8) semesters</i>	Empat belas (14) semester <i>Fourteen (14) semesters</i>

Plagiat | Plagiarism

Plagiat ialah meniplak idea, kalimat atau maklumat tanpa mengiktiraf penulis asal dan mengakuinya sebagai hasil kerjanya sendiri (Rujuk Peraturan Akademik Ijazah Sarjana Muda UNIMAS).

Plagiarism is the act of copying ideas, phrases or information without acknowledging the original author and claiming them as their own work (Refer to Peraturan Akademik Ijazah Sarjana Muda UNIMAS).

Sistem Penasihat Akademik

Academic Advisory System

UNIMAS sentiasa memberi keutamaan kepada kecemerlangan akademik serta pembangunan sahsiah setiap pelajar. Salah satu pendekatan yang boleh membantu untuk merealisasikan matlamat tersebut ialah dengan mewujudkan hubungan dua hala antara pelajar dan pensyarah di setiap fakulti melalui sistem Penasihat Akademik. Melalui sistem ini, pelajar diberi bimbingan dan nasihat oleh pensyarah dalam pelbagai aspek terutamanya yang berkaitan dengan hal ehwal akademik. Sistem ini juga mengambil berat terhadap bimbingan lain yang diperlukan oleh pelajar untuk mengharungi cabaran bukan sahaja sebagai seorang pelajar tetapi juga sebagai seorang insan yang menghadapi perubahan psikologi dan identiti. Pensyarah memainkan peranan yang penting sebagai penasihat (*advisor*) dan juga contoh teladan yang baik kepada pelajar dalam pelbagai aspek. Keberkesanan sistem ini amatlah bergantung kepada komitmen serta kerjasama di antara kedua-dua pihak.

Pelajar dapat diberi bimbingan dan menerima nasihat dalam hal ehwal akademik serta dapat mengenalpasti masalah berkaitan yang boleh menimbulkan masalah akademik untuk dirujuk kepada pihak tertentu yang mempunyai kepakaran untuk menyelesaikan masalah yang dihadapi.

Seorang Penasihat Akademik boleh membantu pelajar merancang skema pengajian, membuat pemilihan kursus, memahami kurikulum, sistem semester, sistem pendaftaran, sistem peperiksaan dan pengecualian kursus.

Pelajar digalakkan berjumpa terus dengan Penasihat Akademik masing-masing untuk mendapatkan bimbingan dan nasihat dalam hal ehwal akademik dan masalah berkaitan. Temujanji boleh dilakukan dengan Penasihat Akademik mengikut kesesuaian masa yang telah ditetapkan.

UNIMAS emphasizes the importance of academic excellence and personal development of each student at all times. One of the techniques to achieve these aims is by establishing a mutual relationship between the student and lecturer through the Academic Advisory System implemented in every faculty in this university. In this system, the student is provided with guidance and advice

by a lecturer in various aspects especially those related to academic matters. The system also imparts other guidance needed by the student in confronting challenges not only as a student but also as a human being coping with psychological and identity changes. Lecturers not only perform an important role as advisor but also as a positive role model to the student in various aspects. The effectiveness of this system depends immensely on the commitment and cooperation of both lecturers and students.

Through this system, the student's academic affairs are guided and advised as well as identifying any problem that could lead to academic problems. Should there be any problem, the student will be referred to other relevant experts in order to resolve the problems faced.

An Academic Advisor is able to help students plan a study scheme, select courses and understand the curriculum, semester system, registration, examination and course exemption processes.

The student is encouraged to meet their Academic Advisor personally for guidance and advice in academic affairs and other related problems. Appointments should be made with the Academic Advisor to arrange a suitable time for meeting.

Tugas-tugas Penasihat Akademik adalah seperti berikut:

Academic Advisor tasks are as follows:

- Membuat perjumpaan dengan pelajar – sekurang-kurangnya satu (1) kali per semester untuk mendapat kelulusan pencetakkan slip menduduki peperiksaan.
Set appointments with the student at least one (1) time per semester to obtain approval to print examination slip.
- Memantau kemajuan akademik serta perkembangan semasa setiap pelajar.
Monitor academic progress and development for each student.

- Mendengar serta memberi bimbingan kepada pelajar sekiranya bermasalah.
Listen and provide guidance to the student in the event of problems.
- Menyimpan kerahsiaan pelajar.
Protect the confidentiality of the student.
- Merujuk pelajar kepada pakar-pakar yang sesuai berhubung penyelesaian masalah-masalah yang khusus.
Refer the student to appropriate experts to resolve specific problems.
- Membantu pelajar membuat keputusan dalam hal perancangan akademik dan kerjaya.
Assist the student to make decisions with regards to academic and career planning.
- Menjaga hubungan baik dengan pelajar supaya Sistem Penasihat Akademik ini dapat dilaksanakan dengan berkesan.
Maintain a good relationship with the student for effective implementation of the Academic Advisor System.

Garis Panduan Program Senibina

Architecture Programme Guidelines

TAKRIF | Glossary

“**Desk Crit**” ialah salah satu kaedah dalam Sesi Kritik yang dilaksanakan secara perseorangan di antara pelajar dan pensyarah atau panel.

“Desk Crit” is a type of Critique Session practiced individually between the student and the lecturer or panelist.

“**Hasil Kerja Projek**” ialah pembuktian produk akhir projek Kursus Studio Rekabentuk atau Kursus Amali dalam bentuk atau gabungan bentuk dokumen termasuk dokumen bertulis, lukisan, imej fotografi, bahan, tempat dan ruang, pernyataan lisan, aktiviti, maklumbalas, tinjauan dan mana-mana bahan informasi yang relevan dan bersifat kebendaan.

“Project Work” refers to the end products of Design Studio Projects or Practical Courses, which may take the form, individually or in combination, of written documents, drawings, images, materials, places and spaces, verbal statements, activities, feedback, reviews, and/or any other pieces of information that are material and relevant.

“**Kursus Amali**” ialah kursus yang mengamalkan sejumlah besar aktiviti pengajaran dan pembelajaran secara amali serta mengamalkan Penilaian Berterusan ke atas aktiviti tersebut.

“Practical Courses” are courses where a majority of teaching and learning activities are in the form of practical training and where such activities are evaluated through Continuous Assessment.

“**Kursus Studio Rekabentuk**” ialah kursus berprasyarat yang wajib diikuti secara berturutan yang mengandungi pengajaran dan pembelajaran rekabentuk Senibina berasaskan Studio.

“Design Studio Courses” are required courses that must be passed in sequence, consisting of studio-based teaching and learning of architectural design.

“Penilaian Berasaskan Bukti” ialah penilaian prestasi pelajar melalui pengemukaan bukti proses dan Hasil Kerja Projek.

“Evidence-based Assessment” refers to evaluation of student performance based on evidence of progress work and presentation of Project Work.

“Penilaian” ialah suatu proses membuat pertimbangan dan keputusan mengenai prestasi pelajar bersandarkan kepada standard tanda aras yang dinyatakan oleh kriteria prestasi dan sasaran prestasi bagi sesuatu hasil pembelajaran berdasarkan bukti yang telah diperolehi oleh proses pentaksiran.

“Assessment” is a process of evaluating and determining the performance of the student based on benchmarked standards established through performance criteria and performance targets for learning outcomes, based on evidence obtained through the process of evaluation.

“Penilaian Berterusan” ialah suatu proses Penilaian kemajuan pelajar yang dilaksanakan sepanjang kursus atau ‘projek’ sedang berjalan.

“Continuous Assessment” is a process of Assessment of student performance carried out throughout the length of the course or ‘project’.

“Penilaian Akhir Projek” ialah Penilaian utama yang dilaksanakan ke atas satu-satu Projek pada satu tarikh dan masa yang telah ditetapkan lazimnya pada penghujung Projek tersebut.

“Final Project Assessment” is the main Assessment carried out on a particular Project at a specified date and type, typically at the end of each Project.

“Plagiat” ialah perbuatan meniru idea, kalimat atau maklumat tanpa mengiktiraf penulis asal dan mengakuinya sebagai hasil kerjanya sendiri sekiranya terdapat elemen rekabentuk, lukisan, tugasan atau penulisan pelajar didapati mempunyai persamaan dengan elemen hasil kerja mana-mana pihak ketiga.

“Plagiarism” is the act of copying ideas, words or information from the original author and presenting it as one’s own work. Plagiarism has occurred when elements of designs, drawings, writings or other student assignments are found to contain similarities with elements of the work of any third party.

“Penyelaras Studio” ialah staf akademik yang dilantik untuk memimpin, mengurus, memudahcara, mengajar dan membimbing pengajaran dan pembelajaran Studio rekabentuk mengikut keperluan dan parameter kursus

yang telah ditetapkan oleh Jabatan Senibina. Juga turut dikenali sebagai ‘Studio Master’.

“Studio Coordinator” is an academic staffperson appointed to lead, manage, facilitate, teach and guide the teaching and learning of Design Studio Courses according to the course needs and parameters set by the Department of Architecture. Also known as “Studio Master”.

“Pin-Up” ialah perbuatan menampal semua bukti penghasilan projek termasuk Proses Rekabentuk atau Hasil Kerja Projek untuk tujuan pembentangan, Penilaian atau pameran secara kemas dan teratur mengikut format yang ditetapkan.

“Pin-Up” refers to the displaying of all project evidence, including Design Process and Project Work, in a neat and orderly manner according to the specified format for the purposes of presentation, Assessment or exhibition.

“Portfolio Rekabentuk” ialah kompilasi Hasil Kerja Projek yang dihasilkan dalam konteks suasana pengajaran dan pembelajaran Studio sepanjang pengajian pelajar untuk tujuan menunjukkan prestasi dan kebolehan pelajar.

“Design Portfolio” is the compilation of an individual student’s Project Work produced in the context of the Studio teaching and learning environment throughout his or her studies to demonstrate his or her performance and abilities.

“Projek” ialah tugas merekabentuk berasaskan permasalahan yang diberikan di dalam konteks suasana pengajaran dan pembelajaran Studio.

“Project” refers to a design assignment based on problem given in the context of the Studio teaching and learning environment.

“Projek Akhir” ialah Projek utama yang lazimnya mempunyai peratusan markah yang terbesar dan dilaksanakan pada akhir semester.

“Final Project” is the main Project that typically carries the largest percentage of marks and is the last to be assigned in the semester.

“Proses Rekabentuk” ialah peringkat di dalam setiap kemajuan rekabentuk projek.

“Design Process” are the stages in the development of each design project.

“Ruang Studio” ialah ruang fizikal yang menyokong aktiviti pengajaran dan pembelajaran berasaskan Studio termasuk ruang kerja individu khusus untuk kegunaan pelajar dan pensyarah dengan waktu penggunaannya boleh dianjurkan bersesuaian dengan keperluan pelajar.

“Studio Space” is the physical space that supports Studio teaching and learning activities, including individual workspaces for the use of lecturers and students and the time available for their use which are flexible based on the needs of the students.

“Sesi Kritik” (atau “critique” atau “crit”) ialah sesi pembentangan, teguran, ulasan atau perbincangan ke atas suatu proses atau hasil rekabentuk di antara pelajar dengan pensyarah atau panel untuk tujuan berkongsi pengalaman pembelajaran dan menegur secara konstruktif.

“Critique Session” (or “critique” or “crit”) refers to sessions for presentation, advice, comment or discussion on the design process or product held between the student and a lecturer or panelist for the purpose of knowledge sharing, learning and constructive criticism.

“Studio” ialah pedagogi berpusatkan pelajar yang menggunakan permasalahan berasaskan projek sebagai medium pendidikan rekabentuk melalui input termasuk kuliah, ‘precedent study’, syarahan, perbincangan, ‘Desk Crit’, Sesi Kritik, ulasan Portfolio Rekabentuk, pameran, aktiviti luar Studio, pembentangan dan pentaksiran.

“Studio” refers to a student-centered pedagogical concept that uses project-based problems as a medium for design education through inputs such as lecture, precedent study, discussion, Desk Crit, Critique Sessions, Design Portfolio comment, exhibition, activity outside of Studio Space, presentation and evaluation.

Garis Panduan Akademik Senibina *Academic Guidelines for Architecture*

SESI AKADEMIK | ACADEMIC SESSION

1. Satu semester akademik lazimnya adalah ditetapkan selama 17 minggu, iaitu 14 minggu perkuliahan dan 3 minggu peperiksaan. Secara kelazimannya, pameran Portfolio Rekabentuk akan diadakan selepas peperiksaan kursus teras.
1. *One academic semester usually consists of 17 weeks: 14 weeks of lecture and 3 weeks of examinations. Typically, Design Portfolio exhibitions will be held after examinations for core courses.*

SISTEM PENILAIAN | ASSESSMENT SYSTEM

Kehadiran Studio

1. Keberadaan di ruang Studio sepanjang Kursus Studio Rekabentuk sedang berjalan juga dianggap sebagai kehadiran kelas dan akan direkod, walaupun tidak ditetapkan sebarang kuliah atau tutorial pada hari tersebut, melainkan dinyatakan sebaliknya oleh Penyelaras Studio.
2. Pengecualian untuk tidak menghadiri atau berada di Studio hendaklah dimaklumkan kepada Penyelaras Studio dengan alasan yang munasabah sebelum waktu Studio bermula. Kegagalan berbuat demikian boleh dianggap sebagai tidak menghadiri Studio.
3. Ketepatan masa adalah mustahak.

Studio Attendance

1. *Presence in the Studio Space throughout the scheduled Design Studio Course time is required, and attendance will be recorded even if no lectures or tutorials are planned for that day, unless stated otherwise by the Studio Master.*
2. *Requests for absence from Studio must be presented to the Studio Master with a reasonable excuse before the start of Studio. Failure to do so will be treated as absence from Studio.*

3. *Punctuality is necessary.*

Kaedah Penilaian Studio

1. Penilaian Kursus Studio Rekabentuk adalah melalui kaedah Penilaian Berterusan ke atas proses dan Hasil Kerja Projek. Ini dinilai termasuk melalui Sesi Kritik, pembentangan proses, pembentangan akhir dan pelbagai peringkat pembentangan berkaitan yang ditetapkan Penyelaras Studio.
2. Ketidakhadiran salah satu daripada komponen berkenaan boleh menyebabkan markah tidak diberikan bagi komponen tersebut yang boleh mempengaruhi markah akhir.
3. Sesi Kritik mempunyai kepentingan dalam menyampaikan kemahiran rekabentuk asas. Sesi ini menyediakan wadah untuk menonjolkan permasalahan dalam rekabentuk pelajar dan dianggap sebagai proses mengenali amalan profesional, meningkatkan keupayaan pelajar dalam penyampaian idea dan proses rekabentuk, memberikan penyelesaian atau perspektif yang berbeza bagi permasalahan dan mendorong pelajar untuk berfikir secara kritis terhadap karya mereka sendiri. Sesi Kritik ini boleh berlaku dalam suasana formal atau tidak formal; terbuka atau tertutup; dan berkumpulan atau perseorangan.
4. Setiap Sesi Kritik dibuktikan dengan pengisian Kertas Log Kritik (Crit Log Sheet) oleh pelajar yang akan disediakan oleh Penyelaras Studio. Pengisian dan perakuan pensyarah atau panel dalam kertas log setelah Sesi Kritik perlu disahkan oleh Pensyarah Studio sebagai pembuktian proses rekabentuk telah dijalani. Pelajar yang tidak mengisi kertas log kritik boleh dianggap tidak menghadiri Sesi Kritik tertentu dan ini boleh memberikan tanggapan bahawa proses rekabentuk tidak diikuti secara progresif. Ini boleh mempengaruhi penilaian ke atas projek.

Method of Studio Assessment

1. *Design Studio Course assessment is conducted by Continuous Assessment of progress and Project Work. It is assessed, among others, by Critique Session, progress presentations, final presentations and a variety of related presentation stages set by the Studio Master.*
2. *Absence from Studio may result in marks not being awarded for a particular assessment component, which may negatively affect final marks.*
3. *Critique Sessions play an important role in the delivery of fundamental design skills. These sessions provide a space to identify problems in student designs. They are considered part of the process of absorbing professional*

practice, elevating student ability to convey their ideas and design process, providing solutions or different perspectives to problems and guide the student to think critically about their own work. Critique sessions may be conducted in formal or informal settings, closed or open and individually or in groups.

- 4. Every Critique Session is documented by the student filling a Crit Log Sheet (Kertas Log Kritik) provided by the Studio Master. The contents of the Crit Log Sheet must be signed by the lecturer or panelist after the session and certified by the Studio Lecturer as proof the process has been carried out. Students who do not fill in their Crit Log Sheet may be considered absent from that Crit Session and this may give the impression that the designed process has not been followed progressively. This in turn may affect the assessment of the project.*

Penghantaran dan Pembentangan

1. Pelajar diwajibkan menghantar Hasil Kerja Projek untuk pembentangan akhir mengikut had masa yang telah ditetapkan oleh Penyelaras Studio.
2. Bagi pembentangan akhir, pelajar diwajibkan menampal atau mempamerkan (Pin Up) bukti proses rekabentuk atau Hasil Kerja Projek mengikut had masa yang telah ditetapkan oleh Penyelaras Studio.
3. Penyelaras Studio akan merekodkan bukti dan masa penghantaran kerja Studio. Penghantaran melebihi had masa yang ditetapkan boleh dianggap sebagai tiada penghantaran kerja dan kerja projek tersebut mungkin tidak diterima untuk pemarkahan; namun pertimbangan pemarkahan boleh diberikan mengikut budi bicara Penyelaras Studio.
4. Penghantaran kerja berbentuk fizikal seperti lukisan, model, laporan dan lain-lain akan dicop atau ditanda sebagai bukti penerimaan. Hanya hasil kerja yang telah dicop atau ditanda ini akan dinilai, melainkan dinyatakan sebaliknya oleh Penyelaras Studio.
5. Penghantaran fail digital hendaklah melalui platform yang telah ditetapkan Penyelaras Studio. Lazimnya platform yang digunakan adalah eLEAP UNIMAS. Saiz fail digital hendaklah mengikut kadar saiz yang boleh diterima oleh platform berkenaan. Penamaan fail digital hendaklah mengikuti standard penamaan yang ditetapkan untuk tujuan penyimpanan arkib

digital mengikut format berikut:

[Sesi Akademik]_[Semester]_[Tugasan]_[Initials]_[Nombor fail]of[Jumlah fail].[Format fail]

Contoh:

[Initials] = Huruf pemulaan nama

CHONG WEI CHING = CWC

SITI MARIAM BINTI ABDUL = SMBA

20202021_1_BEA1016_Assignment1_[CWC]_[1of5].jpg

20202021_2_BEA1016_Assignment2_[SMBA]_[1of3].pdf

6. Sekiranya penghantaran secara muat naik digital melalui platform yang telah ditetapkan mengalami masalah teknikal, maka pelajar hendaklah memaklumkan dan menghantar fail digital secara terus kepada Penyelaras Studio melalui platform yang dipersetujui.
7. Pelajar hanya dibenarkan menghantar fail melalui 'cloud services' atau perkongsian pautan (link sharing) sekiranya saiz fail melebihi had yang dibenarkan platform. Pelajar terlebih dahulu dikehendaki membenarkan akses umum dibuka kepada fail berkenaan dan memastikan fail disimpan di dalam talian sekurang-kurangnya selama lima (5) tahun.
8. Fail bersaiz kecil yang dihantar melalui 'cloud services' atau perkongsian pautan adalah tidak dibenarkan melainkan mendapat persetujuan Penyelaras Studio.
9. Penghantaran hasil kerja Studio melebihi had masa yang ditetapkan hendaklah mendapatkan keizinan daripada Penyelaras Studio secara bertulis selewat-lewatnya tiga (3) hari sebelum tarikh menghantar.
10. Pelajar yang tidak menghantar Hasil Kerja Projek untuk pembentangan akhir akan dianggap tidak menghantar keseluruhan projek tersebut. Penyelaras Studio tidak akan mengambilkira markah penilaian bagi sesi pembentangan tersebut.
11. Bagi pembentangan formal, pelajar hendaklah mengikut lunas etika profesionalisme yang betul termasuk pemakaian pakaian yang bersesuaian, ketepatan masa dan perhatian penuh sepanjang kehadiran pembentangan.

Submission dan Presentation

1. *Students are required to submit their Final Project Work for final presentations according to the deadline set by the Studio Master.*
2. *For final presentations, students must pin up the evidence of their design progress or Final Project Work by the deadline set by the Studio Master.*
3. *The Studio Master will record the evidence and the time of submission of Studio work. Late submission may be considered as a non-submission and the project work may not be accepted for marking; however, marking consideration can be given at the Studio Master's discretion.*
4. *Submission of physical work such as drawings, models or reports will be stamped or signed as proof of receipt. Only work that has been stamped or signed will be evaluated, unless stated otherwise by the Studio Master.*
5. *Submission of digital files must be through the platform specified by the Studio Master. The platform typically used is UNIMAS eLEAP. Digital file size must meet the acceptable limits of the platform. Digital files must be named according to the specified naming system for archival purposes. The naming system is as follows:*

[Academic Session]_[Semester]_[Assignment]_[Initials]_[File Number]of[File Total].[File Format]

Example:

[Initials] = The first letters of student name

CHONG WEI CHING = CWC

SITI MARIAM BINTI ABDUL = SMBA

20202021_1_BE1016_Assignment1_[CWC]_[1of5].jpg

20202021_2_BE1016_Assignment2_[SMBA]_[1of3].pdf

6. *If technical problems are encountered in uploading files to the platform, students must inform the Studio Master and send the files directly to him or her via an agreed-upon alternative platform.*
7. *Students are only allowed to send links to cloud-based file-sharing services if the file exceeds the size allowed by the platform. Students must ensure that they have enabled access to the file and are responsible for making the file present and available via that link for at least five (5) years thereafter.*

8. *Files of small size may not be sent via cloud services or link sharing without the permission of the Studio Master.*
9. *Late submission of Studio Work must receive written permission from the Studio Master at least three (3) days before the submission deadline.*
10. *Students who do not submit their Project Work for final presentations will be considered to have not submitted work for the entire project. The Studio Master will not evaluate their final presentations for that assessment session.*
11. *For formal presentations, students are expected to follow professional ethics of behavior and dress, including suitable clothing, punctuality and giving their full attention to the presentations of others throughout the session.*

Rayuan Menyemak Semula Keputusan Penilaian Kursus

1. Pelajar boleh memohon rayuan menyemak semula keputusan penilaian kursus mengikut kaedah ditetapkan Peraturan Akademik Sarjana Muda UNIMAS.
2. Bagi Kursus Studio Rekabentuk, permohonan rayuan menyemak semula keputusan penilaian adalah terhad kepada kaedah mengira semula markah pentaksiran sahaja.

Appeal to Review Final Course Marks

1. *Students may submit an appeal to review final course marks according to the process specified by the UNIMAS Academic Regulations for Undergraduates.*
2. *For Design Studio Courses, appeals to review final course marks are limited to the process of re-calculating the marks only.*

Plagiat

1. Hasil Studio dan kursus amali Senibina adalah berbentuk visual. Sekiranya terdapat elemen rekabentuk, lukisan, tugas atau penulisan pelajar yang didapati mempunyai persamaan dengan elemen hasil kerja mana-mana pihak ketiga, contohnya di dalam pola dan aturan pelan atau tampak rekabentuk boleh dikira sebagai plagiat. Justeru, tindakan tatatertib akademik boleh diambil terhadap pelajar dan keputusan adalah tertakluk

kepada Jawatankuasa Tatatertib Fakulti.

Plagiarism

- 1. Project Work and Practical Courses for Architecture are in visual form. In the event there are elements of designs, drawings, writings or other student assignments that are found to contain similarities with elements of the work of any third party, for example if similarities are detected in the shape, form, arrangement or look of a design, this may be considered as plagiarism. Action against the student may be taken according to academic procedures, with the decision resting with the Faculty Procedural Committee.*

Pencapaian Akademik

1. Pelajar adalah dinasihatkan untuk memastikan keputusan penilaian setiap semester adalah baik agar dapat bergraduasi daripada pengajian pada masa yang dibenarkan.
2. Pelajar akan dinasihatkan oleh Penasihat Akademik sekiranya didapati pencapaian pelajar kurang memuaskan terutamanya bagi pengulangan Kursus Studio Rekabentuk yang boleh mengakibatkan pelajar tidak sempat menamatkan pengajian pada tempoh masa yang dibenarkan. Nasihat ini termasuk mencadangkan pelajar untuk bertukar ke program lain.

Academic Achievement

- 1. Students are advised to ensure good final marks each semester so that they are able to graduate within the allotted time.*
- 2. Students will be advised by their Academic Advisor if their results are not satisfactory, particularly if students fail Design Studio Courses as this may result in students being unable to complete their studies within the allotted time. Advice may include proposing the student transfer to a different programme.*

Garis Panduan Penggunaan Studio Senibina

Architecture Studio User Manual

Pengenalan

1. Garis Panduan Penggunaan Studio Senibina ini bertujuan untuk membina persekitaran pembelajaran yang positif melalui penerapan nilai-nilai murni, rasa hormat, semangat kebersamaan, kerjasama, dan inovasi di antara setiap warga fakulti dan pelajar.
2. Ruang Studio adalah hak dan keistimewaan yang diberikan kepada pelajar Senibina. Sepanjang penggunaan Studio, pelajar hendaklah menghormati pengguna lain dengan menggunakan kemudahan dan melakukan aktiviti secara berhemah.
3. Dengan mewujudkan persekitaran yang positif dan berhemah, proses kreatif dapat dibudayakan dengan lebih baik. Oleh itu, Garis Panduan Penggunaan Studio ini hendaklah dipatuhi setiap masa.

Introduction

1. *The purpose of the Architecture Studio User Manual is to build a positive learning environment by encouraging virtuous attributes, a sense of respect, and a spirit of fellowship, cooperation and innovation among each member of the faculty and student body.*
2. *Studio Space is a special privilege given to architecture students. While using the Studio, students are expected to respect other users by using the facilities and conducting activities in an appropriate manner.*
3. *Creating a positive and respectful studio environment allows the creative process to be better nurtured. For that reason, this Architecture Studio User Manual should be followed at all times.*

Tanggungjawab Umum

1. Pelajar hendaklah cermat dan berhati-hati semasa menggunakan semua kemudahan termasuk ruang, perabot dan peralatan di Studio.

2. Pintu Studio hendaklah sentiasa dikunci sekiranya ruang Studio tidak digunakan. Adalah menjadi tanggungjawab setiap pelajar untuk memastikan ruang Studio dan barangan peribadi pelajar dalam keadaan yang selamat.

General Responsibilities

1. *Students are expected to be careful and prudent in the use of all studio facilities including the space, furniture and equipment.*
2. *Studio doors should always be locked when the space is not being used. It is each student's responsibility to ensure that the Studio space and their personal possessions are safe and secure.*

Akses dan Keselamatan

1. Ruang Studio Senibina hanya dibuka untuk pelajar senibina pada masa yang ditetapkan. Setiap pelajar disediakan dengan ruang kerja peribadi. Adalah penting untuk semua pihak menjalankan tanggungjawab dalam memastikan keselamatan dan keselesaan semua.
2. Setiap pelajar akan diberikan nombor pin Studio untuk membolehkan akses pada bila-bila masa. Adalah menjadi tanggungjawab setiap pelajar untuk memastikan ruang Studio selamat.
3. Pintu Studio hendaklah dikunci apabila tidak digunakan.
4. Laluan kecemasan dan kawasan pemadam api hendaklah dikosongkan daripada sebarang halangan untuk tujuan keselamatan.
5. Barangan peribadi yang berharga (wang, komputer riba, kamera, kalkulator, peranti elektronik, dll.) wajib dibawa bersama semasa meninggalkan Studio. Pihak Universiti, Fakulti Alam Bina dan Jabatan Senibina tidak akan bertanggungjawab terhadap sebarang kehilangan atau kecurian.
6. Pelajar hendaklah melaporkan kepada pihak keselamatan sekiranya mendapati terdapat perkara, objek, haiwan dan aktiviti yang mencurigakan/membimbangkan di sekitar kawasan Studio dan Fakulti.

Access and Security

1. *Architecture studio space is only open to students during specified times.*

Each student is provided with a personal workspace. It is important that all parties carry out their responsibilities to ensure the safety and comfort of all.

- 2. Each student will be given the studio pin number to allow access at any time. It is the responsibility of each student to ensure the studio space is secure.*
- 3. Doors should be locked whenever studio is not in use.*
- 4. Emergency exits and fire extinguishers must be kept clear of any obstruction for safety purposes.*
- 5. Valuable personal possessions (cash, laptops, cameras, calculators, electronic gadgets, etc.) must be brought with the student when leaving the studio. The University, Faculty of Built Environment and the Department of Architecture will not be held responsible for any loss or theft.*
- 6. Students should report any suspicious or troubling object, animal, activity or thing found in or around the studio or Faculty to campus security.*

Etika

UNIMAS menitikberatkan imej profesional dan sopan di kalangan pelajar. Pelajar diingatkan supaya sentiasa mematuhi kod berpakaian semasa di Studio atau sebarang aktiviti di dalam kampus. Ini termasuk memakai kasut yang bersesuaian.

1. Merokok / merokok elektronik adalah tidak dibenarkan di Studio, atau di mana-mana kawasan di sekitar Fakulti, termasuk di tangga dan di tandas.
2. Makan dan minum adalah dibenarkan di dalam Studio, namun pelajar dikehendaki membersihkan ruang berkenaan selepas makan dan minum.
3. Semua aktiviti memotong adalah terhad di atas alas pemotong sahaja. Pemotongan tidak boleh dilakukan di atas meja lukis, di lantai, atau di mana-mana permukaan yang tidak dilapik dengan alas pemotong.
4. Semua kerja semburan aerosol termasuk semburan cat dan pelekat adalah terhad di ruang 'spray booth' yang disediakan di luar Studio. Tiada semburan aerosol dibenarkan di dalam ruang Studio, koridor, halaman berumput dan tangga Fakulti.
5. Bahan semburan aerosol hendaklah disimpan di ruang yang selamat kerana bahan-bahan ini berbahaya dan mudah terbakar.
6. Pelajar tidak boleh mengganggu, membongkar, atau memindahkan perabot. Pelajar dilarang menampal sesuatu, menyekru, melekat sesuatu, atau membongkar mana-mana kerusi atau meja tanpa kebenaran.

7. Pelajar tidak boleh membawa perabot atau perkakas dari atau ke Studio seperti kerusi, sofa, peti sejuk, periuk nasi, ketuhar gelombang mikro, pembancuh kopi, dan lain-lain, tanpa kebenaran daripada pejabat Pentadbiran FAB.
8. Pelajar hendaklah tidak mendekati atau memberi makanan kepada haiwan yang dijumpai di sekitar Fakulti bagi menjaga keselamatan dan kesihatan diri. Pelajar tidak dibenarkan memelihara haiwan peliharaan di Studio.
9. Sebarang bayaran atas kerosakan di Studio atau kehilangan peralatan akan dikenakan ke atas pelajar, sama ada secara individu atau kolektif bergantung kepada keadaan, untuk menampung kos penggantian atau pembaikan.

Ethics

1. *UNIMAS takes seriously the need for a professional image and behavior among students. Students are reminded to always follow the dress code while in studio or during campus activities. This includes appropriate footwear.*
2. *Smoking or vaping is not allowed in studio, or anywhere around the faculty, including stairwells and toilets.*
3. *Eating and drinking in studio is allowed; however, students are expected to clean up after themselves.*
4. *All cutting must be done on cutting boards and mats only. Cutting may not be done directly on drafting tables, floors or any other surfaces not covered with a cutting board or mat.*
5. *All aerosol spraying, including spraypaint and fixatives are restricted to the 'spray booth' area provided outside the studio space. No aerosol spraying is allowed inside studio, or at the corridors, stairwells or grounds of the faculty.*
6. *Aerosol sprays are to be stored in a safe location as they are dangerous and flammable materials.*
7. *Students may not disturb, rearrange or move furniture. Students are not allowed to nail, screw, glue or stick anything to chairs or tables, nor to disassemble furniture without permission.*
8. *Students may not bring furniture or equipment to or from the studio, including chairs, sofas, fridges, rice cookers, microwaves, coffee makers etc., without permission from FBE administration office.*

9. *Students should refrain from approaching or giving food to animals found around the faculty for their own safety and health. Students may not keep pets in the studio.*
10. *Charges for damage to the studio or loss of studio equipment will be assessed to the student or students responsible, individually or collectively, based on the situation in order to cover the costs of replacement or repair.*

Kebersihan

1. Semua sampah hendaklah dibuang ke dalam bekas sampah yang sesuai yang disediakan oleh UNIMAS. Pelajar bertanggungjawab untuk semua kos pembersihan, mengecat atau pembaikan yang disebabkan oleh penyalahgunaan atas kecuaiian ke atas harta Universiti.
2. Pelajar hendaklah bertanggungjawab menjaga kebersihan Studio dan mengitar semula sekiranya mampu. Pelupusan sisa yang tidak sewajarnya, menyebabkan persekitaran kerja yang tidak selamat, mengundang haiwan perosak dan mencemari ekosistem.
3. Sisa makanan dan minuman terutamanya gula-gula getah hendaklah dibuang di tong sampah yang disediakan di luar Studio. Sila pastikan sampah tidak mengandungi sebarang cecair sebelum dibuang ke dalam tong sampah.
4. Bilah pisau yang telah digunakan hendaklah dilupuskan dengan betul. Pelupusan bilah secara sebarangan akan menyebabkan risiko kecederaan. Sebarang bilah pisau hendaklah disimpan di dalam bekas yang sesuai.
5. Ruang kerja hendaklah dibersihkan dan dirapikan setiap kali selepas digunakan.

Cleanliness

1. *All rubbish should be disposed of in the appropriate bins provided by UNIMAS. Students are responsible for all cleaning, painting or repair costs caused by carelessness or misuse of University property.*
2. *Students are responsible for maintaining cleanliness of the studio and recycle if possible. Improper disposal of waste causes an unsafe work environment, invites pests and pollutes the natural environment.*
3. *Food waste, particularly sweets and chewing gum, should be thrown in the rubbish bins provided outside the studio. Please ensure rubbish does not*

contain liquids before throwing it in the bin.

- 4. Used blades and sharps should be disposed of properly. Careless disposal of blades and sharps carries the risk of injury. All blades and sharps should be placed in an appropriate container.*
- 5. Workspaces should be cleaned and tidied every time after use.*

Persekitaran

1. Pelajar tidak boleh menyalahgunakan Studio, peralatan atau bahan berkaitan untuk tujuan selain daripada pengajaran dan pembelajaran.
2. Pelajar dikehendaki menghormati keperluan orang lain yang bekerja di Studio atau di kawasan sekitarnya.
3. Pelajar tidak boleh meminjam bekalan atau peralatan daripada individu lain tanpa pengetahuan dan kebenaran daripada individu tersebut.
4. Ruang kerja pelajar adalah diperuntukkan secara individu. Pelajar tidak dibenarkan mengganggu ruang pelajar lain.
5. Pelajar dilarang memainkan muzik/ alat muzik atau media pada tahap yang boleh mengganggu ketenteraman orang lain.

Environment

- 1. Students may not misuse the studio, studio equipment or related materials for purposes other than teaching and learning.*
- 2. Students are expected to respect the needs of others working in the studio or the surrounding area.*
- 3. Students may not borrow equipment or supplies from anyone without the knowledge and permission of the person involved.*
- 4. Student workspaces are provided on an individual basis. Students may not disturb the workspace of others.*
- 5. Students are not allowed to play music, musical instruments or other media at levels that disturb the peace and comfort of others.*

Tempoh Penggunaan Studio

1. Penggunaan ruang Studio adalah diberikan kepada pelajar yang mengikuti Kursus Studio Rekabentuk bagi semester berkenaan sahaja. Tempoh penggunaan Studio adalah diperuntukkan bagi sepanjang semester tersebut.
2. Semua hasil kerja, bahan, barangan dan peralatan peribadi hendaklah dikeluarkan dari Studio sebelum cuti semester bermula. Pihak Fakulti berhak untuk melupuskan/ memindahkan/ membuang/ mengambil segala barangan berkenaan sekiranya perlu selepas tempoh tersebut.
3. Ruang kerja hendaklah dibersihkan dan ditinggalkan dalam keadaan baik bagi membenarkan pengguna pada semester seterusnya menggunakan ruang dan kemudahan tersebut dalam keadaan yang baik.
4. Secara lazimnya, penggunaan Studio pada hari bekerja adalah dibenarkan dari jam 8 pagi sehingga 5 petang. Permohonan kebenaran penggunaan di luar hari dan masa tersebut hendaklah dimaklumkan kepada Ketua Jabatan Senibina selewat-lewatnya tiga (3) hari sebelum penggunaan untuk mendapatkan kelulusan dekan fakulti.

Duration of Studio Usage

1. *Use of studio space is provided to the students who are enrolled in Design Studio Courses for that semester only. Usage of the studio is provided for the length of that semester only.*
2. *All student work, materials, personal possessions and equipment is to be removed from the studio before the start of semester break. The Faculty has the right to dispose of, move or seize anything left behind after the duration of the semester.*
3. *Workspaces should be cleaned and left in good condition to allow students to make good use of the space and facilities for the following semester.*
4. *In general, use of the studio is allowed from 8AM to 5PM on workdays. Students may request permission to use the studio outside those hours by informing the Head of Department at least three (3) days in advance to obtain the dean's approval.*

Pelaporan Isu

1. Sekiranya terdapat sebarang isu di Studio (kawalan suhu, masalah pencahayaan, kebocoran siling, kerosakan perabot, haiwan liar dan lain-

lain.), sila hubungi pejabat Pentadbiran FAB. Arahan kerja berkaitan akan dikeluarkan untuk menyelesaikan isu tersebut.

Reporting Issues

1. *If any issues arise in Studio (airconditioning, lighting problems, leaking, damage to furniture, wild animals, etc.), please contact the FBE Administration office. The relevant work order will be issued to resolve the situation.*

Talian Kecemasan / *Emergency Hotline*

Talian Utama Keselamatan UNIMAS <i>UNIMAS Security Hotline</i>	082-581999
Pondok Keselamatan Utama UNIMAS <i>UNIMAS Main Guardhouse</i>	082-583904
Bilik Kawalan CCTV UNIMAS <i>UNIMAS CCTV Control Room</i>	082-581004
Polis Kota Samarahan <i>Kota Samarahan Police Department</i>	082-662300
Polis Daerah Kuching <i>Kuching Police Department</i>	082-240800
Jabatan Bomba dan Penyelamat Kota Samarahan <i>Kota Samarahan Fire Department</i>	082-673881
Pusat Kesihatan UNIMAS <i>UNIMAS Health Centre</i>	082-581604 / 1602 / 1608 / 1606 / 1607 / 1611 / 1601
Pejabat Pentadbiran FAB <i>FBE Administration Office</i>	082-581890 / 1891 / 1892

Garis Panduan Program Ukur Bahan

Quantity Surveying Programme Guidelines

TAKRIF | Glossary

“**Akreditasi**” ialah pengiktirafan rasmi terhadap sesuatu kursus pengajian, institusi dan sebagainya setelah dinilai dan didapati memenuhi segala kriteria, syarat, kualiti yang ditetapkan.

“**Accreditation**” is official recognition of a particular course of studies, institution or similar after it has been evaluated and found to fulfil all the necessary criteria, requirements, and standards of quality.

“**Antarsesi**” ialah satu tempoh pengajian yang diadakan dalam masa cuti akhir. “**Intersession**” refers to a period of study held during the recess at the end of the academic year.

“**Lembaga Ukur Bahan Malaysia (LJBM)**” ialah badan berkanun yang ditubuhkan melalui Akta Parlimen yang dengan nama Registration of Quantity Surveyor Act 1967 (yang juga dikenali sebagai Quantity Surveyor Act 1967).

“**Board of Quantity Surveyors Malaysia**” is a statutory body established by an Act of Parliament known as the Registration of Quantity Surveyor Act 1967 (also known as the Quantity Surveyor Act 1967).

“**Latihan Industri**” merupakan satu daripada kursus wajib untuk pelajar di dalam program ukur bahan dan syarat yang diwajibkan ke atas setiap pelajar sebelum dianugerahkan ijazah sarjana muda.

“**Industrial Training**” is a required course in the Quantity Surveying programme that is mandatory for every student before they can be granted a degree.

“**Ruang Studio**” ialah ruang fizikal yang menyokong aktiviti di atas termasuk ruang kerja individu khusus untuk kegunaan pelajar dan pensyarah dengan waktu penggunaannya boleh dianjurkan bersesuaian dengan keperluan pelajar.

“**Studio Space**” is the physical space that supports Studio teaching and learning activities, including individual workspaces for the use of lecturers and students

and the time available for their use which is flexible based on the needs of the students.

PENILAIAN | Assessment

Rayuan Menyemak Semula Keputusan Penilaian Kursus | Appeal for Review of Final Marks

Pelajar boleh memohon rayuan menyemak semula keputusan penilaian kursus mengikut kaedah ditetapkan Buku Peraturan Akademik Sarjana Muda UNIMAS. Bagi Kursus yang hanya mempunyai pentaksiran berterusan, permohonan rayuan menyemak semula keputusan penilaian adalah terhad kepada kaedah mengira semula markah pentaksiran sahaja.

Students may submit an appeal to review final course marks according to the process specified by the UNIMAS Academic Regulations for Undergraduates. For courses that only have continuous assessment, appeals to review final course marks are limited to the process of calculating the marks only.

Plagiat | Plagiarism

Pelajar juga tertakluk pada etika plagiat untuk mengelak disabitkan isu menciplak idea hasil kerja pihak lain. Pelajar yang didapati melakukan plagiat di dalam penilaian berterusan dan peperiksaan akhir akan dikenakan tindakan tatatertib dan keputusan adalah tertakluk kepada Jawatankuasa Tatatertib Fakulti.

LATIHAN INDUSTRI | Industrial Training

Jangka Masa Latihan Industri | Duration of Industrial Training

Untuk latihan industri yang dimasukkan dalam kurikulum, jangka waktu minimum enam (6) bulan untuk peringkat ijazah. Sebilangan bentuk penilaian harus dilakukan untuk latihan industri dan pelajar perlu merujuk pada Buku Panduan Latihan Industri, Program Ukur Bahan, Fakulti Alam Bina, UNIMAS.

For industrial training covered in this curriculum, the minimum duration is six (6) months for undergraduates. Some form of assessment must be carried out for the industrial training; students need to refer to the Industrial Training Guidebook of the UNIMAS FBE Programme in Quantity Surveying.

Latihan Industri Semasa Sesi Antarsesi | Practical Training during the Intersession

Jangka masa Latihan industri akan melalui minggu antarsesi selama enam (6) bulan bermula minggu pertama semester 2 sehingga enam (6) bulan berikutnya bagi memenuhi keperluan Lembaga Ukur Bahan Malaysia.

To meet Board of Quantity Surveyors Malaysia requirements, Practical Training begins in the first week of Semester 2 and runs for six (6) months inclusive of the intersession.

Markah Penilaian Latihan Industri | Industrial Training Marks

Markah penilaian kursus latihan industri akan dinilai dan dikeluarkan semasa sesi antarsesi selepas tamat latihan industri.

Student performance for Industrial Training is assessed and given marks, which will be published during the intersession after the end of the Industrial Training.

Persatuan Pelajar Alam Bina (BE:On)

Built Environment Student Organization (BE:On)

Pengenalan | Introduction

Built Environment Student Organization (BE:On) atau Persatuan Pelajar Alam Bina secara rasminya ditubuhkan dan didaftarkan di bawah Bahagian Hal Ehwal Pelajar dan Alumni UNIMAS yang beralamat di Fakulti Alam Bina. Fakulti berhasrat menyemai semangat berpersatuan di kalangan pelajar melalui penglibatan mereka secara proaktif bukan sahaja dalam pelajaran dan pembelajaran formal, malah di luar konteks tersebut. Penubuhan satu entiti persatuan pelajar di peringkat Fakulti adalah bagi menunjangi hasrat tersebut.

The Built Environment Student Organization (BE: On) is officially established and registered under the Division of Alumni & Student Affairs at the Faculty of Built Environment. Faculty aims to instill unity among students by proactively engaging not only in formal education and learning, but also outside the classroom context. The establishment of the student association at the Faculty level is to support that aspiration.

Objektif Persatuan Pelajar Alam Bina | Objectives of Built Environment Student Organization

BE:On ditubuhkan berlandaskan objektif seperti berikut:

BE: On is founded on the following objectives:

- i. Untuk memupuk kepimpinan, bakat dan kebersamaan sesama pelajar FAB;
To nurture leadership skills, talent and togetherness among the students of FBE;
- ii. Memperkasa kebolehan sahsiah, sifat berdikari dan kemahiran intelektual di luar pembelajaran formal di kalangan pelajar FAB;
To empower personality, independence and intellectual skills outside of formal learning among FBE students;

- iii. Menanam semangat kerjasama dan kemasyarakatan di kalangan para pelajar FAB.
To cultivate the spirit of cooperation and community among the students of FBE.

Visi Persatuan | Organization Vision

Membentuk generasi pelapis disiplin Alam Bina yang bersatu, cakna, kreatif dan berkepimpinan.

Form a generation of built environment practitioners who are unified, coherent, creative and able to lead.

Misi Persatuan | Organization Mission

Menyemarakkan sinergi di kalangan pelajar Alam Bina melalui kegiatan berlandaskan nilai positif dan kreatif.

Strengthen synergies among Built Environment students through activities based on positive and creative values.

Moto Persatuan | Organization Motto

"Building People."

Kelab Pelajar | Student Clubs

BE:On adalah persatuan pelajar Fakulti Alam Bina utama yang juga menaungi beberapa kelab yang mewakili setiap program di Fakulti Alam Bina, iaitu Kelab Pelajar Senibina dan Kelab Pelajar Ukur Bahan.

BE: On is the main Faculty student association that also hosts several clubs representing each program at the Faculty of Built Environment. They are the Architecture Student Club and the Quantity Surveying Student Club.

Keahlian | Membership

Setiap pelajar adalah dengan ini layak menjadi ahli Persatuan sekiranya memenuhi syarat-syarat berikut:

- a. Pelajar Fakulti Alam Bina UNIMAS yang berdaftar;
- b. Ahli mana-mana Kelab di bawah Fakulti Alam Bina;
- c. Membayar yuran masuk dan yuran keahlian bagi Kelab.

Each student is eligible to become a member of the association provided the following conditions are fulfilled:

- a. Registered student of Faculty of Built Environment UNIMAS;*
- b. Member of any club under the Faculty of Built Environment;*
- c. Entry fees and club membership fees are paid.*

Semua pelajar yang hendak menjadi ahli BE.On dikenakan bayaran keahlian sebanyak RM20 setahun. Sebarang perubahan yuran hendaklah diputuskan semasa Mesyuarat Agung Persatuan.

Maklumat lanjut mengenai Pelembagaan BE.On boleh diakses melalui:

www.fbe.unimas.my/my-fbe/student

**“ The best way to find
yourself is to lose yourself
in the service of others ”**

– Mahatma Gandhi

Jabatan Senibina

Department of Architecture

Staf Akademik | *Academic Staff*

//Program Senibina



Ketua Jabatan Senibina

Architecture Head of Department

Dr Raja Nur Syaheeza Raja Mohd Yazit

rmysyaheeza@unimas.my

Samb/ext: 2219



Penyelaras Program [Sarjana Muda Sains (Kepujian) Senibina]

Programme Coordinator [Bachelor of Science (Hons.) Architecture]

Mohd Zariq Feeqri jasni

jmzariq@unimas.my

Samb/ext: 4554



Prof Ar Dr Julaihi Wahid

wjulaihi@unimas.my

Samb/ext: 1894



Prof Ar Nurakmal Abdullah Goh

anurakmal@unimas.my

Samb/ext: 2246



Prof Dr Azhaili Baharun
bazhaili@unimas.my
Samb/ext: 2248



Zayn Al-Abideen Gregory
agzayn@unimas.my
Samb/ext: 2247



Ar Awang Hasim Awang Sulong
asahasim@unimas.my
Samb/ext: 2243



Dr Bambang Karsono
kbambang@unimas.my
Samb/ext: 2240



Dr Atta Idrawani Zaini
izatta@unimas.my
Samb/ext: 2216



Dona Rose Amer Koesmeri
akdona@unimas.my
Samb/ext: 2245



Ruzanah Abu Bakar
abruzanah@unimas.my
Samb/ext: 2227



Ar. Mervyn Wong Hsin Jyi
whjmervyn@unimas.my
Samb/ext: 2223



Nadzirah Jausus
jnadzirah@unimas.my
Samb/ext: 2250



Joy Natalie Cotter
ncjoy@unimas.my
Samb/ext: 1951



Dr Azmah Arzmi
aazmah@unimas.my
Samb/ext: 2225



Yon Syafni Samat
sysyafni@unimas.my
Cuti Belajar 2020 - 2023

Program Ijazah Sarjana Muda Sains (Kepujian) Senibina *Bachelor of Science (Honours) Architecture Programme*

1. Objektif Program | Programme Objectives

Sarjana Sains (Kepujian) Seni Bina direka untuk menghasilkan graduan yang berkaliber, bertanggungjawab, jujur, beretika dan kreatif dalam mempromosikan senibina untuk kemanusiaan dan kemajuan ilmu pengetahuan berdasarkan *Programme Educational Objectives (PEO)* seperti berikut:

The Bachelor of Science (Honours) Architecture is designed to produce versatile and responsible graduates who are honest, ethical and creative in promoting architecture for humanity and the advancement of knowledge as reflected in the Programme Educational Objectives (PEO) as follows:

- PEO1** *To produce semi-professional graduates capable of advancing technology and driving innovation in the field of architecture.*
- PEO2** *To enable semi-professional graduates to focus on the process of design, discovering, through experiment, methods of working that develop aesthetic judgment and means of self-evaluation.*
- PEO3** *To cultivate and set forth an ethical attitude in the workplace as the basis for the development and advancement of the Architectural profession among graduates.*
- PEO4** *To produce semi-professional graduates who are versatile, entrepreneurial, responsible and knowledgeable in the building industry for the progress of the nation.*

2. Sejarah Program | *History of the Programme*

Proses penubuhan Program Senibina bermula pada Januari 2016 di bawah Fakulti Kejuruteraan. Program ini telah mendapat Perakuan Akreditasi Sementara dari Agensi Kelayakan Malaysia (MQA/PA 9110) pada 2 Februari 2017 dan pengambilan pertama pelajar adalah pada sesi 2017/2018. Program Senibina secara rasmi berpindah ke Fakulti Alam Bina pada September 2018.

The establishment of the Architecture Programme started in January 2016 under the Faculty of Engineering. The programme has been granted a Provisional Accreditation from the Malaysian Qualifications Agency (MQA / PA 9110) on 2nd February 2017 with the first cohort intake for 2017/2018 session. The Architectural Programme officially transferred to the Faculty of Built Environment in September 2018.

3. Penubuhan Program | *Programme Establishment*

Program Senibina diwujudkan di UNIMAS sebagai pelopor pendekatan holistik alam bina, yang merangkumi sumber, budaya dan kepelbagaian persekitaraan di rantau ini. Berhadapan dengan isu global yang melibatkan perubahan iklim, petempatan dan kepupusan spesies, kemiskinan bandar dan transformasi luar bandar, senibina perlu mengambil kira aspek kemampanan yang melibatkan penduduk tempatan, budaya dan penempatan untuk mewujudkan alam bina yang kekal dan maju dengan mengambil kira aspek global dan amalan penduduk Sarawak yang unik.

Hasil pembelajaran direkabentuk untuk menangani lapan domain penting yang meliputi pengetahuan, kemahiran praktikal, kemahiran sosial, kemahiran komunikasi, kepimpinan dan kerja berpasukan, pengurusan maklumat, pembelajaran sepanjang hayat, kemahiran pengurusan dan keusahawanan.

To set forth an Architecture Programme at UNIMAS that draws upon the special material, cultural and ecological circumstances of our locality to pioneer holistic approaches to the built environment. Faced with global issues of climate change, habitat and species, urban poverty and rural transformation, architecture needs to embrace a sustainability that is informed by indigeneity

of people, culture and land to create a lasting, flourishing built environment that is global in outlook and uniquely Sarawakian in practice.

The learning outcomes are designed to address the eight important domains which cover knowledge, practical skills, social skills, communication skills, leadership and teamwork, information management, lifelong learning, managerial and entrepreneurial skills.

Struktur Program | Programme Structure

Senibina | Architecture

No	Kod/Code	Kursus	Courses	Klasifikasi Classification	Jam Kredit Credit Hours
TAHUN 1 YEAR 1					
SEMESTER 1					
1	BEA1016	Studio Rekabentuk Senibina 1	Architecture Design Studio 1	T	6
2	BEA1023	Lukisan Senibina	Architectural Drawing	T	3
3	BEA1033	Komunikasi Grafik	Graphic Communication	T	3
4	BEA1043	Fizik Alam Sekitar	Environmental Physics	T	3
5	PBI1112/ PBI1102/ PBI1092	Kursus Persediaan Bahasa Inggeris 1 Bahasa Inggeris Akademik I Bahasa Inggeris Akademik 2	Preparatory English 1/ Academic English I/ Academic English 2	R/G	2
6	PBM2072	Bahasa Melayu	Malay Language	G	2
7	PPD1041	Kemahiran Insaniah & Asas Kesukarelawanan	Soft skill and Basic Volunteerism	R	1
SEMESTER 2					
8	BEA1056	Studio Rekabentuk Senibina 2	Architecture Design Studio 2	T	6
	# pre-requisite: BEA1016 Studio Rekabentuk Senibina 1 / <i>Architecture Design Studio 1</i>				
9	BEA1063	Lukisan Senibina Bantuan Komputer	Computer Aided Architectural Drafting	T	3
10	BEA1073	Sejarah Senibina 1	History of Architecture 1	T	3
11	BEA1083	Teknologi Bangunan 1	Building Technology 1	T	3
12	PBI1122/ PBI1072/ PBI1082	Kursus Persediaan Bahasa Inggeris 2 Bahasa Inggeris Untuk Komunikasi Profesional Bahasa Inggeris Untuk Tujuan Pekerjaan	Preparatory English 2/ English for Professional Communication/ English For Occupational Purposes	R/G	2
13	University Elective 1* (Choose 1)				
	SSU1053	Pengantar Interaksi Sosial	Introduction to Social Interaction	EU	3
	KNU1053	Pengurusan Keselamatan Di Tempat Kerja	Safety Management in Workplace	EU	3
	TMU1043	Teknologi Multimedia	Multimedia Technology	EU	3
TAHUN 2 YEAR 2					
SEMESTER 1					
14	BEA2096	Studio Rekabentuk Senibina 3	Architecture Design Studio 3	T	6
	# pre-requisite: BEA1056 Studio Rekabentuk Senibina 2 / <i>Architecture Design Studio 2</i>				
15	BEA2103	Sejarah Senibina 2	History of Architecture 2	T	3
16	BEA2113	Survei Struktur Senibina	Survey of Architectural Structure	T	3
17	BEA2123	Senibina Digital 1	Digital Architecture 1	T	3
18	MPU3192	Penghayatan Etika dan Peradaban	Appreciation of Ethics and Civilization	MPU	2
19	Programme Elective 1				
	BEA2243	Senibina dan Bentuk	Architecture and Form	TE	3
SEMESTER 2					
20	BEA2136	Studio Rekabentuk Senibina 4	Architecture Design Studio 4	T	6
	# pre-requisite: BEA2096 Studio Rekabentuk Senibina 3 / <i>Architecture Design Studio 3</i>				

Struktur Program | Programme Structure

Senibina | Architecture

No	Kod/Code	Kursus	Courses	Klasifikasi Classification	Jam Kredit Credit Hours
21	BEA2143	Teknologi Bangunan 2	Building Technology 2	T	3
22	BEA2153	Perkhidmatan Bangunan 1	Building Services 1	T	3
23	MPU3332	Warisan Nusa	National Heritage	MPU	2
24	MPU3222	Asas Pembudayaan Keusahawanan	Foundation of Entrepreneurship Enculturation	MPU	2
25	MPU3182	Falsafah dan Isu Semasa	Philosophy and Current Issues	MPU	2
26	MPU34xx	Kokurikulum Berkredit	Credited Co-curricular	MPU	2
TAHUN 2 YEAR 2					
SEMESTER 3					
27	BEA2166	Latihan Profesional	Professional Internship	T	6
TAHUN 3 YEAR 3					
SEMESTER 1					
28	BEA3177	Studio Rekabentuk Senibina 5	Architecture Design Studio 5	T	7
# pre-requisite: BEA2136 Studio Rekabentuk Senibina 4 / <i>Architecture Design Studio 4</i>					
29	BEA3183	Teknologi Bangunan 3	Building Technology 3	T	3
30	BEA3194	Senibina Digital 2	Digital Architecture 2	T	4
31	BEA3203	Perkhidmatan Bangunan 2	Building Services 2	T	3
32	Programme Elective 2				
	BEA3253	Penempatan Manusia	Human Settlement	TE	3
SEMESTER 2					
33	BEA3218	Studio Rekabentuk Senibina 6	Architecture Design Studio 6	T	8
# pre-requisite: BEA3177 Studio Rekabentuk Senibina 5 / <i>Architecture Design Studio 5</i>					
34	BEA3223	Undang-undang dan Amalan Senibina	Architectural Law and Practice	T	3
35	BEA3233	Analisis Struktur	Structure Analysis	T	3
36	Programme Elective 3* (Choose 1)				
	BEA3263	Senibina dan Ekologi	Architecture and Ecology	TE	3
	BEA3273	Masalah Senibina Hijau	Green Architecture Problems	TE	3
	BEA3283	Rekabentuk Lanskap	Landscape Design	TE	3

Jumlah Keperluan Kredit untuk Pelajar Bergraduat

Klasifikasi Kursus		Bilangan Kredit untuk Bergraduat [Band MUET 3 & ke atas]	Bilangan Kredit untuk Bergraduat [Band MUET 1 & 2]
T	Teras	94	94
TE	Teras Elektif	9	9
R	Remedial	1	5
G	Generik	6	6
EU	Elektif Universiti	3	3
MPU	Matapelajaran Umum	10	10
TOTAL		123	127

Jabatan Ukur Bahan

Department of Quantity Surveying
Staf Akademik | *Academic Staff*



Ketua Jabatan Ukur Bahan
Quantity Surveying Head of Department
Sr Sitti Diana binti Tamjehi
tsdiana@unimas.my
Samb/ext: 1899



Penyelaras Program [Sarjana Muda Ukur Bahan dengan Kepujian]
Programme Coordinator [Bachelor of Quantity Surveying with Honours]
Dr Shazwan Mohamed Shaari
msshazwan@unimas.my
Samb/ext: 2239



Assoc. Prof Sr Ts Dr Afzan Ahmad Zaini
azafzan@unimas.my
Samb/ext: 2212



Sr Gui Hun Chuen
hcgui@unimas.my
Samb/ext: 2214



**Dr Mohd Afzan @ Noorawavi
Mohamed**
mmafzan@unimas.my
Samb/ext:2221



Dr Wilson Rangga Anthony Jiram
ajwrangga@unimas.my
Samb/ext:2238



Sr Ts. Wan Suhana Abdullah Saimi
aswsuhana@unimas.my
Samb/ext: 2242



Chong Wan Siang
wschong@unimas.my
Samb/ext: 2226



Dr Siti Syariazulfa Kamaruddin
kssyariazulfa@unimas.my
Samb/ext: 2215



Dr Ahmad Abd Jalil
ajahmad@unimas.my
Samb/ext: 2259



**Dayang Afiqah Abang Mohamad
Shibli**

amsdafiqah@unimas.my
Samb/ext: 4532



Sr Nadia Zaini

znadia@unimas.my
(Cuti Belajar 2022 - 2025)



Abdul Wafi bin Razali

rawafi@unimas.my
(Cuti Belajar 2021-2024)

Program Ijazah Sarjana Muda Ukur Bahan dengan Kepujian

Bachelor in Quantity Surveying with Honours Programme

1. **Objektif Program** | *Programme Objectives*

Program ini dibangunkan untuk menghasilkan graduan Ukur Bahan yang kreatif, berkemampuan, berwibawa dan berkaliber tinggi dengan pengetahuan yang mantap dalam sektor pembinaan mampan, biodiversiti, pemuliharaan alam sekitar, maklumat, komunikasi dan teknologi kreatif serta memenuhi keperluan pasaran tempatan dan antarabangsa dalam bidang Alam Bina berdasarkan Programme Objective (PEO) seperti berikut:

The programme is designed to produce Quantity Surveying graduates who are creative, capable, competent and high calibre with a sound knowledge in sustainable construction, biodiversity, environmental conversation, information, communication and creative technology. It also designed to meet the needs of local and international built environment market as reflected in the Programme Educational Objectives (PEO) as follows:

- PEO1** *To produce graduates with essential in-depth technical competency, knowledge and skills in quantity surveying profession locally and internationally.*
- PEO2** *To equip graduates with required practical, interpersonal, digital and numeracy skills, leadership quality and effective communication consistent with the concept of sustainable development in the construction industry.*
- PEO3** *To produce graduates with strong personal and entrepreneurial skills who can work effectively in the construction industry.*
- PEO4** *To produce graduates who are engaged in quantity surveying practice with ethical and professional values.*

2. Sejarah Program | *History of the Programme*

Proses penubuhan Program Ukur Bahan bermula pada September 2017 di bawah Fakulti Kejuruteraan. Program ini telah mendapat Perakuan Akreditasi Sementara dari Agensi Kelayakan Malaysia (MQA/PA 11184) pada 14 Ogos 2018 dan pengambilan pertama pelajar adalah pada sesi 2018/2019. Program Ukur Bahan secara rasmi berpindah ke Fakulti Alam Bina pada September 2018.

The establishment of Quantity Surveying Programme started in September 2017 under the Faculty of Engineering. The programme has been granted a Provisional Accreditation from the Malaysian Qualifications Agency (MQA / PA 11184) on 14 August 2018 with the first cohort intake for 2018/2019 session. The Quantity Surveying Programme officially transferred to the Faculty of Built Environment in September 2018.

3. Penubuhan Program | *Programme Establishment*

Tempoh pengajian bagi Program Ukur Bahan adalah selama empat (4) tahun, lapan (8) semester. Graduan daripada program ini berpeluang berkhidmat di Jabatan Kerja Raya, Perbadanan Kemajuan Ekonomi Negeri, Majlis Tempatan, Perbadanan Pembangunan Bandar (UDA), Lembaga Lebuhraya Malaysia, Jabatan Pengairan dan Saliran dan Institusi Pengajian Tinggi. Sementara di sektor swasta pula, peluang pekerjaan boleh didapati di firma insurans, firma pemaju binaan, firma kontraktor binaan, dan badan-badan korporat.

Selaras dengan pertambahan bilangan projek dan pembangunan infrastruktur di Sarawak disamping prospek yang luas melalui Rancangan Malaysia ke-11 (RMK-11), penglibatan juruukur bahan amat penting untuk menyusun semula pembangunan infrastruktur dengan lebih teratur. Justeru, ia dapat memberi peluang khususnya pembangunan fizikal dan meningkatkan taraf ekonomi masyarakat setempat dengan berteraskan pembangunan Sarawak Corridor of Renewable Energy (SCORE) dan Inisiatif Ekonomi Digital.

The duration of this program is four (4) years, eight (8) semesters. Graduates from this programme can work with the Public Works Department, State Economic Development Corporation, Local Council, Urban Development Corporation (UDA), Malaysia Highway Authority, Department of Irrigation and Drainage and Institutions of Higher Education. In the private sector, there are job opportunities at quantity surveying consultancy firms, banks and financial institutions, insurance companies, construction development, and corporate organizations.

In line with the increasing number of projects and infrastructure development in Sarawak as well as extensive prospects through the 11th Malaysia Plan, the involvement of Quantity Surveyors is crucial to plan and strategize the infrastructure development. Hence, it provides opportunities for physical development and enhancement of the economic standards of the local community based on the development of the Sarawak Corridor of Renewable energy (SCORE) and the Digital Economy Initiative.

Struktur Program | Programme Structure

Ukur Bahan | Quantity Surveying

No	Kod/Code	Kursus	Courses	Klasifikasi Classification	Jam Kredit Credit Hours
TAHUN 1 YEAR 1					
SEMESTER 1					
1	BEQ1013	Pengenalan kepada Pengukuran Pembinaan	Intoduction to Construction Measurement	T	3
2	BEQ1023	Teknologi Pembinaan Kerja-Kerja Bangunan	Construction Technology for Building Works	T	3
3	BEQ1032	Asas Kepada Ekonomi Binaan	Principles of Construction Economics	T	2
4	BEQ1042	Teknologi Digital Pembinaan	Digital Technology in Construction	T	2
5	PPD1041	Kemahiran Insaniah & Asas Kesukarelawanan	Softskills & Basic Volunteerism	R	1
6	PBM2072	Bahasa Melayu	Malay Language	G	2
7	PBI1112/ PBI1102/ PBI1092	Kursus Persediaan Bahasa Inggeris 1 / Bahasa Inggeris Akademik I Bahasa Inggeris Akademik II	Preparatory English 1/ Academic English I/ Academic English 2	R/G	2
8		Elektif Universiti Pilihan 1	University Elective (Option 1)	EU	3
SEMESTER 2					
9	BEQ1054	Pengukuran Pembinaan Kerja-Kerja Senibina 1	Construction Measurement of Architectural Works	T	4
10	BEQ1063	Teknologi Pembinaan Kerja-Kerja Struktur	Construction Technology for Structural Works	T	3
11	BEQ1073	Ekonomi Binaan Juruukur Bahan I	Construction Economics for Quantity Surveyors I	T	3
12	BEQ1083	Sains Bangunan	Building Science	T	3
13	BEQ1092	Pra Pentadbiran Kontrak	Pre-Contract Administration	T	2
14	MPU3432/ MPU3442/ MPU3452/ MPU3462/ MPU3472/ MPU3482/ MPU3492/ MPU34102	Kokurikulum Berkredit	Credited Co-Curricular	MPU	2
15	PBI1122/ PBI1072/ PBI1082	Kursus Persediaan Bahasa Inggeris 2 / Bahasa Inggeris Untuk Komunikasi Profesional / Bahasa Inggeris Untuk Tujuan Pekerjaan	Preparatory English 2/ English for Professional Communication/ English For Occupational Purposes	R/G	2

Struktur Program | Programme Structure

Ukur Bahan | Quantity Surveying

No	Kod/Code	Kursus	Courses	Klasifikasi Classification	Jam Kredit Credit Hours
TAHUN 2 YEAR 2					
SEMESTER 1					
16	BEQ2104	Pengukuran Pembinaan Kerja-Kerja Struktur I	Construction Measurement of Structural Works I	T	4
17	BEQ2113	Teknologi Binaan Kerja-Kerja Kejuruteraan Sivil I	Construction Technology For Civil Engineering Works I	T	3
18	BEQ2013	Pengurusan dan Undang-Undang Binaan 1	Construction Law and Management 1	T	3
19	BEQ2133	Ekonomi Binaan Juruukur Bahan II	Construction Economics for Quantity Surveyors II	T	3
20	BEQ2143	Pentadbiran Kontrak I	Contract Administration I	T	3
21	BEQ2152	Anggaran Kos Binaan I	Construction Estimating I	T	2
22	MPU3192	Penghayatan Etika dan Peradaban	Appreciation Of Ethics and Civilization	MPU	2
TAHUN 2 YEAR 2					
SEMESTER 2					
23	BEQ2164	Pengukuran Pembinaan Kerja-Kerja Struktur II	Construction Measurement of Structural Works II	T	4
24	BEQ2173	Teknologi Binaan Kerja-Kerja Kejuruteraan II	Construction Technology for Civil Engineering Works II	T	3
25	BEQ2183	Pentadbiran Kontrak II	Contract Administration II	T	3
26	BEQ2193	Pelaburan dan Penilaian Harta	Property Investment and Evaluation	T	3
27	BEQ2203	Perkhidmatan Bangunan	Building Services	T	3
28	BEQ2212	Anggaran Kos Binaan II	Construction Estimating II	T	2
29	MPU3182	Falsafah dan Isu Semasa	Philosophy And Current Issues	MPU	2
TAHUN 3 YEAR 3					
SEMESTER 1					
30	BEQ3224	Pengukuran Pembinaan Perkhidmatan Bangunan dan Kerja Luar	Construction Measurement of Building Services and External Works	T	4
31	BEQ3233	Pentadbiran Kontrak III	Contract Administration III	T	3
32	BEQ3243	Pengurusan Projek Pembinaan	Construction Project Management	T	3
33	BEQ3252	Kaedah Penyelidikan dalam Pembinaan	Research Method for Construction	T	2
34	MPU3332/ MPU3352/	Warisan Nusa Kerajaan Dan Pentadbiran di Malaysia/	National Heritage/	MPU	2

Struktur Program | Programme Structure

Ukur Bahan | Quantity Surveying

No	Kod/Code	Kursus	Courses	Klasifikasi Classification	Jam Kredit Credit Hours
	MPU3362/ MPU3372	Pengenalan Kepada Tingkah Laku Organisasi/ Integriti dan Anti-Rasuah (KIAR)	Government and Administration in Malaysia/ Introduction to Organization Behavior in Malaysia/ Integrity and Anti-Corruption		
35	MPU3222	Asas Pembudayaan Keusahawanan	Foundation of Entrepreneurship Inculturation	MPU	2
36		Elektif Universiti Pilihan 2	University Elective (Option 2)	EU	3
SEMESTER 2					
37	BEQ32612	Latihan Industri	Industrial Training	T	12
TAHUN 4 YEAR 4					
SEMESTER 1					
38	BEQ4274	Pengukuran Pembinaan Kerja-Kerja Kejuruteraan Sipil	Construction Measurement of Civil Engineering Works	T	4
39	BEQ4013	Pengurusan dan Undang-Undang Binaan 2	Construction Law and Management 2	T	3
40	BEQ4293	Maklumat Model Bangunan	Building Information Modeling	T	3
41	BEQ4023	Integrasi Projek Bersepadu dan Simulasi I	Integrated Project and Simulation I	T	3
42	BEQ4032	Disertasi I	Dissertation I	T	2
TAHUN 4 YEAR 4					
SEMESTER 2					
43	BEQ4323	Perniagaan Pembinaan	Construction Business	T	3
44	BEQ4043	Disertasi II	Dissertation II	T	3
**Pre-Requisite to Dissertation I					
45	BEQ4053	Integrasi Projek Bersepadu dan Simulasi II	Integrated Project and Simulation II	T	3
**Pre-Requisite to Integrated Project and Simulation I					
46	BEQ4353	Kemampuan Pembinaan	Construction Sustainability	T	3

Jumlah Keperluan Kredit untuk Pelajar Bergraduat

Klasifikasi Kursus		Bilangan Kredit untuk Bergraduat	Bilangan Kredit untuk Bergraduat
		[Band MUET 3 & ke atas]	[Band MUET 1 & 2]
T	Teras	112	112
R	Remedial	1	5
G	Generik	6	6
EU	Elektif Universiti	6	6
MPU	Matapelajaran Umum	10	10
TOTAL		135	139

KURSUS-KURSUS PENGUKUHAN (R) | REMEDIAL COURSES (R)

Kod Code	Kursus Courses	Kredit Credit	Catatan Remarks
PPD1041	<i>Softskills & Basic Volunteerism</i>	1	Wajib diambil untuk keperluan bergraduat
PBI1112	<i>Preparatory English 1</i>	2	Pelajar yang lulus dengan Band Muet 1-2
PBI1122	<i>Preparatory English 2</i>	2	Pelajar yang lulus PBI1112

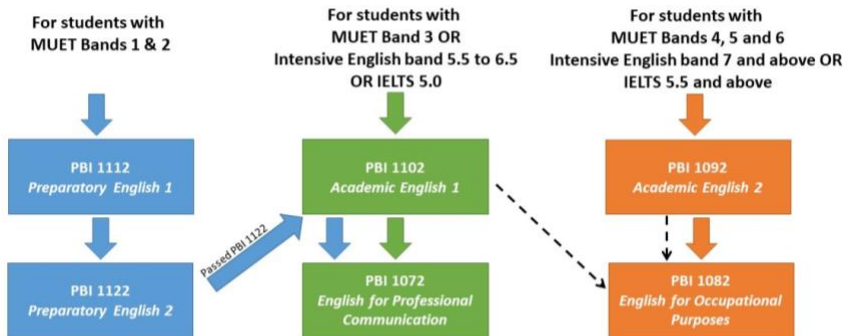
KURSUS-KURSUS PEMBANGUNAN GENERIK (G) | GENERIC COURSES (G)

Kod Code	Kursus Courses	Kredit Credit	Catatan Remarks
PBM2072	<i>Malay Language</i>	2	Wajib diambil untuk keperluan bergraduat
PBI1102	<i>Academic English 1</i>	2	Pelajar Muet Band 3 ATAU pelajar yang lulus PBI1122
PBI1072	<i>English for Professional Communication</i>	2	Pelajar yang lulus PBI1102
PBI1092	<i>Academic English 2</i>	2	Pelajar Muet Band 4 dan ke atas
PBI1082	<i>English for Occupational Purposes</i>	2	Pelajar yang lulus PBI1092

JADUAL KURSUS BAHASA INGGERIS | ENGLISH COURSE SCHEDULE

Kelayakan Masuk Bahasa Inggeris <i>English Qualification</i>	Kursus <i>Courses</i>
MUET Band 1 & 2	Preparatory English 1 Preparatory English 2, DAN PBI1102 - Academic English I PBI1072 - English for Professional Communication
MUET Band 3	PBI1102 - Academic English I PBI1072 - English for Professional Communication
MUET Band 4, 5 & 6	PBI1092 - English for Academic Purposes PBI1082 - English for Occupational Purposes

**STRUKTUR BARU UNTUK KURSUS BAHASA INGGERIS UNTUK
PENGAMBILAN 2020/2021 DAN SETERUSNYA**
*NEW STRUCTURE FOR ENGLISH COURSES FOR
2020/2021 INTAKE ONWARDS*



---> Only for medical students

This only applies to 2017/2018 intake onwards (not applicable to previous intakes).

Note

Preparatory English 1 and 2 will now have 2 credits, which means both courses will be given grades (no longer pass/fail only). After passing PBI1122, MUET Bands 1 and 2 students (also international students with C and C+ for Intensive English) will have to take PBI1102 and PBI1072 too.

Reference

- PBI 1112 Preparatory English 1
- PBI 1122 Preparatory English 2
- PBI 1102 Academic English 1
- PBI 1072 English for Professional Communication
- PBI 1092 Academic English 2
- PBI 1082 English for Occupational Purposes

KURSUS MPU Sesi 2022/2023 | MPU COURSES ACADEMIC SESSION 2022/2023

Kelompok Group	Kod Code	Kursus Course	Kredit Credit
U1	MPU3182	Falsafah dan Isu Semasa (2 kredit), DAN	2
	MPU3192	Penghayatan Etika dan Peradaban	2
U2	MPU3222	Asas Pembudayaan Keusahawanan	2
U3	MPU3332	Warisan Nusa, ATAU	2
	MPU3352	Kerajaan Dan Pentadbiran di Malaysia, ATAU	2
	MPU3362	Pengenalan Kepada Tingkah Laku Organisasi, ATAU	2
	MPU3372	Integriti dan Anti-Rasuah (KIAR)	2
U4	MPU3432	Kokurikulum Berkredit (Daya Usaha dan Inovasi), ATAU	2
	MPU3442	Kokurikulum Berkredit (Kebudayaan), ATAU	
	MPU3452	Kokurikulum Berkredit (Kepimpinan), ATAU	
	MPU3462	Kokurikulum Berkredit (Kesukarelawanan), ATAU	
	MPU3472	Kokurikulum Berkredit (Keusahawanan), ATAU	
	MPU3482	Kokurikulum Berkredit (Khidmat Komuniti), ATAU	
	MPU3492	Kokurikulum Berkredit (Sukan), ATAU	
	MPU34102	Kokurikulum Berkredit (Pengucapan Awam)	
	*Mana-mana kursus Badan Beruniform daripada agensi yang sama (minimum 2 kredit)		

*Nota: Bagi kelompok U3, pelajar Senibina hanya dibenarkan untuk mendaftar MPU3332 Warisan Nusa (*National Heritage*) sahaja

No	Badan Beruniform	Nama Kursus	Kod Kursus
1	PALAPES Darat	Latihan Ketenteraan Darat 1	MPU34112
2		Latihan Ketenteraan Darat 2	PPA1102
3		Latihan Ketenteraan Darat 3	PPA2112
4		Latihan Ketenteraan Darat 4	PPA2122
5		Latihan Ketenteraan Darat 5	PPA3132
6		Latihan Ketenteraan Darat 6	PPA3142
7	PALAPES Udara	Latihan Ketenteraan Udara 1	MPU34122
8		Latihan Ketenteraan Udara 2	PPB1072
9		Latihan Ketenteraan Udara 3	PPB2082
10		Latihan Ketenteraan Udara 4	PPB2092
11		Latihan Ketenteraan Udara 5	PPB3102
12		Latihan Ketenteraan Udara 6	PPB3112
13	SUKSIS	Latihan Kepolisian 1	MPU34132
14		Latihan Kepolisian 2	PPP1102
15		Latihan Kepolisian 3	PPP2112
16		Latihan Kepolisian 4	PPP2122
17		Latihan Kepolisian 5	PPP3132
18		Latihan Kepolisian 6	PPP3142
19	SISPA	Latihan Pertahanan Awam 1	MPU34142
20		Latihan Pertahanan Awam 2	PPJ1102
21		Latihan Pertahanan Awam 3	PPJ2112
22		Latihan Pertahanan Awam 4	PPJ2122
23		Latihan Pertahanan Awam 5	PPJ3132
24		Latihan Pertahanan Awam 6	PPJ3142

KALENDAR AKADEMIK PENGAJIAN IJAZAH SARJANA MUDA SESI 2022/2023
ACADEMIC CALENDAR FOR UNDERGRADUATE STUDIES SESSION 2022/2023

Aktiviti / Activities	SEMESTER 1	
	Tarikh / Date	Catatan / Notes
Pendaftaran Pelajar Baharu (New Student Registration) <u>Online Registration</u>	29 Sep 2022 – 9 Okt 2022 (11 hari / 11 days)	8 Oktober 2022 (8 October 2022) Hari Jadi TYT Sarawak (Sarawak Governor's Birthday) 9 Oktober 2022 (9 October 2022) Hari Keputeraan Nabi Muhammad S.A.W (Maulidur Rasul)
Pendaftaran Kolej Kediaman Pelajar Baharu (Residential College Registration)	1 Okt 2022 - 2 Okt 2022 (2 hari/2 days)	
Minggu Aluan Pelajar (Student's Orientation Week)	3 Okt 2022 – 5 Okt 2022 (3 hari/3 days)	
Pendaftaran Online Pelajar Semasa (Returning Student's Registration) <u>Online Registration</u>	4 Okt 2022 – 9 Okt 2022 (6 hari/6 days)	
Pendaftaran Kolej Kediaman Pelajar Semasa (Returning Student's Residential College Registration)	8 Okt 2022 – 10 Okt 2022 (2 hari/2 days)	
Perkuliahhan (Lectures)	11 Okt 2022 - 26 Jan 2023 (14 minggu/14 weeks)	10 Oktober 2022 (10 October 2022) Cuti Maulidur Rasul (Prophet Muhammad's Birthday) 24 Oktober 2022 (24 October 2022) Hari Deepavali (Semenanjung Malaysia sahaja) 25 & 26 Disember 2022 (25 & 26 December 2022) Hari Krismas (Christmas) 1 & 2 Januari 2023 (1 & 2 January 2023) Cuti Tahun Baharu 2023 (New Year) 22, 23 & 24 Jan 2023 (22, 23 & 24 Jan 2023) Tahun Baharu Cina 2023 (Chinese New Year)
Minggu Peperiksaan (Examination Week)	30 Jan 2023 – 19 Feb 2023 (3 minggu/3 weeks)	
Cuti Semester 1 (Semester Break)	20 Feb 2023 - 13 Mac 2023 (6 minggu /6 weeks)	

Aktiviti / Activities	SEMESTER 2	
	Tarikh / Date	Catatan / Notes
Pendaftaran Online Pelajar Semasa (Returning Student 's Registration/ Online Semester Registration)	14 Mac 2023 – 17 Mac 2023 (4 hari/4 days)	
Pendaftaran Kolej Kediaman Pelajar Semasa (Returning Student's Residential College Registration)	18 Mac 2023 – 19 Mac 2023 (2 hari/2 days)	
Perkuliahan (Lectures)	20 Mac 2023 - 7 Mei 2023 (7 minggu/ 7 weeks)	7 April 2023 (7 April 2023) Good Friday 22, 23 & 24 April 2023 (22, 23 & 24 April 2023) Hari Raya Aidilfitri (Eid) 1 Mei 2022 (1 May 2022) Cuti Hari Pekerja (Labour Day) 4 Mei 2023 (4 May 2023) Hari Wesak (Wesak Day)
Cuti Pertengahan Semester 2 (Mid-Semester Break)	8 Mei 2023 - 14 Mei 2023 (7 hari/ 7 days)	
Perkuliahan (Lectures)	15 Mei 2023 – 2 Jul 2023 (7 minggu/ 7 weeks)	1 & 2 Jun 2023 (1 & 2 June 2023) Hari Gawai (Gawai Day) 5 Jun 2023 (5 June 2023) Hari Keputeraan YDP Agong (Agong's Birthday) 28 Jun 2023 (28 June 2023) Hari Raya Aidiladha (Eid)
Minggu Ulangkaji (Revision Week)	3 Jul 2023 – 9 Jul 2023 (7 hari/ 7 days)	
Minggu Peperiksaan (Examination Week)	10 Jul 2023 – 30 Jul 2023 (3 minggu/ 3 weeks)	19 Julai 2023 (19 July 2023) Awal Muharram 22 Julai 2023 (22 July 2023) Hari Sarawak (Sarawak Day)
Cuti Panjang (Long Break)	31 Jul 2023 – 30 Sept 2023 (9 minggu/ 9 weeks)	

Aktiviti / Activities	ANTARSESI	
	Tarikh / Date	Catatan / Notes
Pendaftaran Online Pelajar Semasa (Returning Student 's Registration) <u>Online Semester Registration</u>	31 Jul 2023 – 6 Ogos 2023 (1 minggu/ 1 weeks)	
Perkuliahan (Lectures)	31 Jul 2023 - 24 Sept 2023 (8 minggu/ 8 weeks)	

Peraturan Berpakaian Pelajar Universiti Malaysia Sarawak

- Setiap pelajar adalah tertakluk kepada Peraturan Berpakaian Pelajar yang ditetapkan oleh Universiti ketika berada di dalam kampus.
- Semua pelajar wajib mempamerkan kad pelajar semasa berada di dalam kawasan kampus.

Pakaian Pelajar Lelaki

1. **Setiap pelajar hendaklah berpakaian kemas, sopan dan bersesuaian dengan keadaan sepertimana yang diarahkan oleh pihak Universiti** (berseluar panjang dan berbaju kemeja atau kemeja-T berkolar atau berpakaian kebangsaan masing-masing yang sesuai).
2. **Berambut pendek, kemas dan tidak mencecah kolar baju** (Rujuk Akta Universiti dan Kolej Universiti, 1971, Perkara 26).
3. **Memakai pakaian sukan** yang sesuai semasa bersukan atau berekreasi.
4. **Memakai kasut** yang sesuai. Pemakaian selipar dan sandal adalah dilarang.
5. **Tidak memakai** perhiasan wanita atau pakaian menyerupai wanita.

Contoh Pakaian Pelajar Lelaki



Pakaian Pelajar Wanita

1. **Setiap pelajar hendaklah berpakaian kemas, sopan dan bersesuaian dengan keadaan sepertimana yang diarahkan oleh pihak Universiti** (pakaian kebangsaan, blaus atau pakaian etnik masing-masing yang sesuai dan tidak menjolok mata. Pakaian mestilah tidak ketat serta tidak menunjukkan bentuk tubuh badan).
2. **Memakai skirt** yang labuhnya hendaklah di bawah paras lutut.
3. **Memakai seluar** yang bersesuaian dan sopan.
4. **Memakai alat solek, aksesori dan pewangi** secara sederhana.
5. **Memakai kasut** yang sesuai.

Contoh Pakaian Pelajar Wanita



Tempat Penguatkuasaan Peraturan Berpakaian

1. Menghadiri kuliah, tutorial dan amali.
2. Pusat Khidmat Maklumat Akademik (PKMA).
3. Berurusan di Fakulti / Institusi / Pusat / Bahagian.
4. Menghadiri majlis rasmi Universiti di dalam dan di luar kampus.
5. Menduduki peperiksaan.
6. Menjalani latihan industri.

Contoh Rambut Lelaki dan Wanita



TINDAKAN TATATERTIB ATAU HUKUMAN TATATERTIB TERUS BOLEH DIAMBIL TERHADAP PELAJAR YANG TIDAK MEMATUHI PERATURAN DI ATAS:

- i) **AMARAN**
- ii) **DENDA TIDAK LEBIH DARIPADA RM50**

Dikeluarkan oleh Bahagian Hal Ehwal Pelajar dan Alumni Universiti Malaysia Sarawak

Bidang Kepakaran - Jabatan Senibina

Area of Expertise – Department of Architecture

No	Names of Lecturers & Qualifications	Areas of Expertise
1	<p>Prof. Ar. Dr Julaihi Wahid</p> <ul style="list-style-type: none"> ▪ Professional Architect (LAM Part III) Board of Architects Malaysia ▪ Doctor of Philosophy, University of Newcastle- Newcastle Upon Tyne ▪ Master of Architecture, Kansas State University ▪ Bachelor of Architecture (NAAB), Washington State University ▪ Bachelor of Science (Architectural Studies), Washington State University ▪ Diploma in Architecture, Universiti Teknologi Malaysia 	<ul style="list-style-type: none"> ▪ Human Settlement, Housing Policy, Urban Housing Design and Development ▪ Urban Design, Urban Management and Urban Morphology ▪ Architectural Technology ▪ Nusantara, Tropical Architecture and Sustainable Development ▪ Urban Tourism and Development
2	<p>Prof. Dr Azhaili Baharun</p> <ul style="list-style-type: none"> ▪ PhD Building Energy Efficient, University of Leeds ▪ BSc (Hons) Civil Engineering, University of Hartford 	<ul style="list-style-type: none"> ▪ Energy Efficient Building ▪ Renewable Energy ▪ Civil Engineering Management
3	<p>Prof. Ar. Nurakmal Abdullah Goh</p> <ul style="list-style-type: none"> ▪ Professional Architect (LAM Part III) Board of Architects Malaysia ▪ Bachelor of Architecture (Hons) Universiti Teknologi Malaysia ▪ Diploma in Architecture, Universiti Teknologi Malaysia 	<ul style="list-style-type: none"> ▪ Green Construction ▪ Healthcare Architecture Design ▪ Affordable Housing Design ▪ Design Management & Professional Practice ▪ Built Environment Conservation & Preservation
4	<p>Dr Bambang Karsono, IAI</p> <ul style="list-style-type: none"> ▪ Professional Architect (Indonesia, Reg. No: 13961 121 800) ▪ PhD in Urban Design, Universiti Sains Malaysia ▪ Master in Landscape Design, Institut Teknologi Bandung ▪ Bachelor of Architecture, Institut Teknologi Medan 	<ul style="list-style-type: none"> ▪ Place Attachment in Urban Space ▪ Landscape Design ▪ Urban Design ▪ Islamic Architecture

No	Names of Lecturers & Qualifications	Areas of Expertise
5	<p>Dr Atta Idrawani Zaini</p> <ul style="list-style-type: none"> ▪ Doctor of Philosophy (PhD) (Architecture), Universiti Teknologi Malaysia ▪ Bachelor of Architecture (LAM Part II), Universiti Teknologi Malaysia ▪ Diploma in Architecture, Universiti Teknologi Malaysia 	<ul style="list-style-type: none"> ▪ Architectural Media & Representations ▪ Digital Architecture ▪ Urban Design (Urban Appraisals/ Legibility Study) ▪ Design History
6	<p>Zayn Al-Abideen Gregory</p> <ul style="list-style-type: none"> ▪ Master of Landscape Architecture, University of Michigan ▪ Bachelor of Science in Natural Resources & Environment (Resource Ecology and Management), University of Michigan 	<ul style="list-style-type: none"> ▪ Landscape Planning ▪ Landscape Ecology ▪ Parks and Recreation ▪ Geographic Information Systems (GIS)
7	<p>Ar. Awang Hasim Awang Sulong</p> <ul style="list-style-type: none"> ▪ Professional Architect (LAM Part III) Board of Architects Malaysia ▪ Bachelor of Architecture (RIBA II) Hull School of Architecture University of Lincolnshire & Humberside 	<ul style="list-style-type: none"> ▪ Architectural Design ▪ Creative Design Process ▪ Planning & Design Development ▪ Urban Transformation & Cultural Studies ▪ Professional Practice & Legislation
8	<p>Dona Rose Amer Koesmeri</p> <ul style="list-style-type: none"> ▪ Bachelor of Architecture (LAM Part II), Universiti Sains Malaysia ▪ Bachelor of Science (Housing, Building & Planning) Architecture, Universiti Sains Malaysia 	<ul style="list-style-type: none"> ▪ Architectural Design ▪ Construction Management ▪ Social Science in Built Environment ▪ Architecture Pedagogy
9	<p>Ruzanah Abu Bakar</p> <ul style="list-style-type: none"> ▪ Bachelor of Architecture (LAM Part II), Universiti Putra Malaysia ▪ Bachelor of Design Architecture (LAM Part I), Universiti Putra Malaysia 	<ul style="list-style-type: none"> ▪ Architectural Design ▪ Architectural Technology ▪ Building Construction ▪ Built Environment

No	Names of Lecturers & Qualifications	Areas of Expertise
10	<p>Yon Syafni Samat</p> <ul style="list-style-type: none"> ▪ Master of Architecture, The University of Sydney ▪ Bachelor of Design in Architecture, The University of Sydney 	<ul style="list-style-type: none"> ▪ Vernacular Architecture ▪ Architectural Conservation and Preservation ▪ Adaptive Reuse of Old and Heritage Buildings ▪ Design of Living Spaces and Buildings / Housing
11	<p>Dr Azmah Arzmi</p> <ul style="list-style-type: none"> ▪ Bauhaus-Universität Weimar, Germany (PhD) ▪ Pavol Jozef Šafárik University in Košice, Slovakia (PhD – Cotutelle, EU Joint Doctorate) ▪ Master of Architecture, University of Kent (LAM Part II) ▪ Bachelor of Architecture, University of Kent (LAM Part I) 	<ul style="list-style-type: none"> ▪ European Urban Planning History ▪ Bauhaus Modern Movement ▪ Planning theory ▪ Urban morphology (EU research network) ▪ Urban Design History ▪ Architecture History
12	<p>Ar. Mervyn Wong Hsin Jyi</p> <ul style="list-style-type: none"> ▪ Professional Architect (LAM Part III) Board of Architects Malaysia ▪ Bachelor of Architecture (LAM Part II), Universiti Sains Malaysia ▪ Bachelor of Science (Housing, Building & Planning) Architecture, Universiti Sains Malaysia 	<ul style="list-style-type: none"> ▪ Housing Development ▪ Car Showroom & Service Centre ▪ Professional Practice & Legislation ▪ Building Services ▪ Building Construction
13	<p>Nadzirah Jausus</p> <ul style="list-style-type: none"> • Bachelor of Urban and Regional Planning, Universiti Teknologi Malaysia • Master of Architecture (by research), Universiti Teknologi Malaysia 	<ul style="list-style-type: none"> ▪ Urban Planning ▪ Sustainable Development ▪ Low Carbon City

No	Names of Lecturers & Qualifications	Areas of Expertise
14	<p>Mohd Zariq Feeqri Bin Jasni</p> <ul style="list-style-type: none"> • MArchD Applied Design in Architecture (RIBA, ARB, LAM Part II) • Bachelor of Science in Architecture (LAM Part I) • RIBA Student Member (20048286) 	<ul style="list-style-type: none"> ▪ Urban Design ▪ Political Narratives in Balkan Architecture ▪ Architectural Resilience & Conservation ▪ Architectural Design
15	<p>Joy Natalie Cotter</p> <ul style="list-style-type: none"> • Master of Architecture (LAM Part II, RIBA Part 2), University of Malaya • Bachelor of Science in Architectural Studies (LAM Part I), Infrastructure University of Kuala Lumpur 	<ul style="list-style-type: none"> ▪ Vernacular Architecture ▪ Heritage Conservation & Preservation ▪ Urban Regeneration Through Built Heritage Conservation ▪ Urban Design (Qualitative Aspects e.g.-Place Making, Place Identity)
16	<p>Dr Raja Nur Syaheeza Raja Mohd Yazit</p> <ul style="list-style-type: none"> • PhD in Science and Technology, Universiti Sains Islam Malaysia • Master of Architecture (LAM Part II), Universiti Teknologi Malaysia • Bachelor of Science in Architecture (LAM Part I), Universiti Teknologi MARA, Perak 	<ul style="list-style-type: none"> ▪ Daylighting ▪ School design ▪ Architecture Media Presentation ▪ Indoor Air Quality

Bidang Kepakaran - Jabatan Ukur Bahan

Area of Expertise – Department of Quantity Surveying

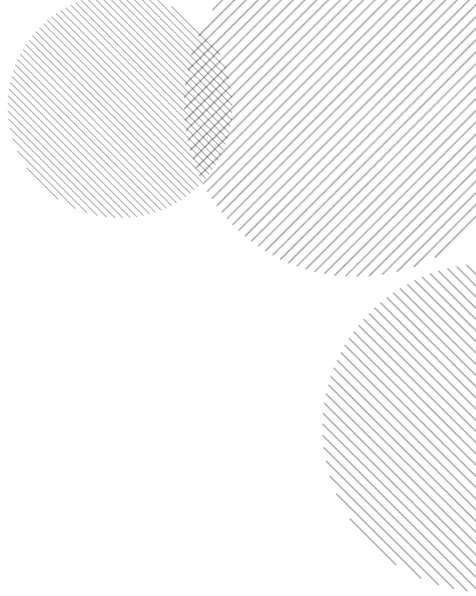
No	Names of Lecturers & Qualifications	Areas of Expertise
1	<p>Associate Professor Sr Ts Dr Afzan Binti Ahmad Zaini</p> <ul style="list-style-type: none"> • Consultant Quantity Surveyors, Board of Quantity Surveyors • Member, Royal Institution of Surveyors Malaysia • Professional Technologist, Malaysia Board of Technologist • Member, The Clean Air Forum of Society Malaysia • Doctor of Philosophy in Civil Engineering (Green Construction), Universiti Teknologi MARA • Master in Integrated Construction Project Management, Universiti Teknologi MARA • Postgraduate Diploma in Higher Education, UNIMAS • Bachelor of Quantity Surveying (Honours), International Islamic University Malaysia (IIUM) 	<ul style="list-style-type: none"> ▪ Green Building ▪ Green Construction and sustainability ▪ Construction Project Management <ul style="list-style-type: none"> ○ Risk Management ○ Cost Management ○ Building Information Modeling Management ○ Facilities Management ○ Occupational Safety and Health Management ▪ Quantity Surveying <ul style="list-style-type: none"> ○ Contract Administration ○ Construction Economics ○ Construction Measurement and estimating ▪ Quantity Surveying Education
2	<p>Dr Shazwan Mohamed Shaari</p> <ul style="list-style-type: none"> ▪ PhD in Specialism of the Built Environment, UITM ▪ Master of Science, Project Management, USM, 2005 ▪ Bachelor of Science, Quantity Surveying, Universiti Sains Malaysia, 2003 ▪ Board of Quantity Surveyors Malaysia (BQSM); Provisional Quantity Surveyor (PVQS); Registration No: 2021/PVQS08793 ▪ Royal Institution of Surveyors Malaysia; Division Quantity Surveying; Membership No. G 5042 ▪ Certified PLBK Trainer for CIDB Malaysia; Attached to Virtue Training Consultant ▪ Postgraduate Diploma in Higher Education, UNIMAS 	<ul style="list-style-type: none"> ▪ Construction and Project Management, ▪ Quantity Surveying ▪ Innovation adoption and application ▪ Leadership ▪ Organizational behaviour ▪ Organizational change ▪ Quality Management System (ISO 9001)

No	Names of Lecturers & Qualifications	Areas of Expertise
3	<p>Dr Siti Syariazulfa Kamaruddin</p> <ul style="list-style-type: none"> ▪ PhD in Specialism of the Built Environment, Universiti Teknologi Mara ▪ Master in Integrated Construction Project Management, Universiti Teknologi Mara ▪ Bachelor Degree (Hons) in Quantity Surveyor, Universiti Teknologi Mara ▪ Diploma in Quantity Surveying, Universiti Teknologi Mara ▪ Postgraduate Diploma in Higher Education, UNIMAS ▪ Board of Quantity Surveyors Malaysia (BQSM); Provisional Quantity Surveyor (PVQS); Registration No: 2020/PVQ07592 	<ul style="list-style-type: none"> ▪ Industrialised Building System (IBS) ▪ Sustainability Housing ▪ Built Environment
4	<p>Chong Wan Siang</p> <ul style="list-style-type: none"> ▪ Professional Quantity Surveyor (PQS) registered with Board of Quantity Surveyors Malaysia ▪ Master of Science (Quantity Surveying), Universiti Teknologi Malaysia ▪ Bachelor of Quantity Surveying, Universiti Teknologi Malaysia ▪ Diploma in Quantity Surveying, Universiti Teknologi Malaysia 	<ul style="list-style-type: none"> ▪ Pre-contract management ▪ Digital transformation, ▪ Procurement & Supply Chain management, ▪ Project Costing - Industrial buildings, plants & machineries
5	<p>Dr Wilson Rangga anak Anthony Jiram</p> <ul style="list-style-type: none"> ▪ Baseline Competencies for Differentiated Career Path (p.k.a. Sijil Pengajaran Pengajian Tinggi), Universiti Teknologi Malaysia ▪ PhD Real Estate, Universiti Teknologi Malaysia ▪ MSc Real Estate, Universiti Teknologi Malaysia ▪ BSc Property Management, Universiti Teknologi Malaysia 	<ul style="list-style-type: none"> ▪ Housing Studies ▪ Real Estate Development ▪ Sustainable Development

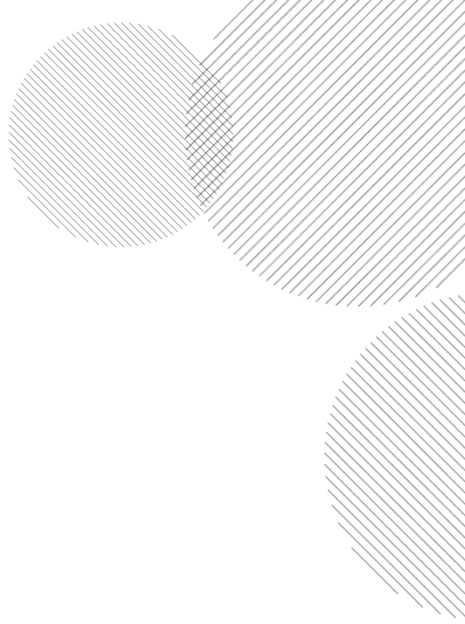
No	Names of Lecturers & Qualifications	Areas of Expertise
6	<p>Nadia binti Zaini</p> <ul style="list-style-type: none"> • Professional of Quantity Surveyor (PQS) registered with Board of Quantity Surveyors Malaysia (BQSM) • Members (Sr) of Royal of Institution Surveyor Malaysia (RISM) • Master of Engineering, Universiti Malaysia Sarawak • Bachelor of Quantity Surveying, Universiti Teknologi Malaysia (UTM) 	<ul style="list-style-type: none"> ▪ Industrialised Building System ▪ Sustainable Development ▪ Affordable Housing ▪ Project Management ▪ Energy Management ▪ Cost Analysis
7	<p>Dr. Ahmad Abd Jalil</p> <ul style="list-style-type: none"> • PhD in “Developing A New Procurement System for Malaysian IBS Housing Projects” - Universiti Sains Malaysia (USM) – Penang. • MSc. Construction Contract Management - Universiti Teknologi Malaysia (UTM) – Kuala Lumpur. • BSc. Quantity Surveying with 2nd Class Upper Honours - Universiti Teknologi Mara (UiTM) – Shah Alam, Malaysia • Diploma in Science Geomatic Surveying (Remote Sensing) - Universiti Teknologi Mara (UiTM) – Shah Alam, Malaysia 	<ul style="list-style-type: none"> ▪ Procurement ▪ Industrialised Building System (IBS) ▪ Sustainability ▪ Contract ▪ Law
8	<p>Sr. Gui Hun Chuen</p> <ul style="list-style-type: none"> • Master in Construction Management, UTM • Postgraduate Diploma in Higher Education Teaching & Learning, UNIMAS • Bachelor of Quantity Surveying (Honours), UTM • Diploma in Quantity Surveying, UTM 	<ul style="list-style-type: none"> ▪ BIM Adoption, Smart Contract Application ▪ Construction Waste Management ▪ Circular Economy ▪ Economics and Index Development ▪ Digital Disruption ▪ Contract Administration, ▪ Green Literacy and Education

No	Names of Lecturers & Qualifications	Areas of Expertise
9	<p>Dr. Mohd Afzan Mohamed</p> <ul style="list-style-type: none"> • Doctor of Philosophy Queensland University of Technology, Australia • Master of Science in Building&Urban Design in Dev. University College London (2014) • Bachelor of in Construction Management Universiti Teknologi MARA (2011) 	<ul style="list-style-type: none"> ▪ Areas of Expertise ▪ Sustainable Homes ▪ Construction Management, Urban Design ▪ Transport Planning
10	<p>Sr. Sitti Diana Tamjehi</p> <ul style="list-style-type: none"> • Master of Science in in Construction Management Universiti Teknologi Mara (2017) • Bachelor of in Quantity Surveying Universiti Teknologi Mara (2009) 	<ul style="list-style-type: none"> ▪ Contract administration, Sustainable construction, Construction Estimating, Project Management
11	<p>Sr. Ts. Wan Suhana Abdullah Saimi</p> <ul style="list-style-type: none"> • M. Sc. in in Int Construction Project Mgt Universiti Teknologi MARA (2012) • Bachelor of in Quantity Surveying Universiti Teknologi MARA (2009) • Diploma in in Quantity Surveying Universiti Teknologi MARA (2007) 	<ul style="list-style-type: none"> ▪ Project Management ▪ Construction Contract Administration ▪ Wastewater Management ▪ Air & Water Monitoring
12	<p>Dayang Afiqah Abang Mohamad Shibli</p> <ul style="list-style-type: none"> • Master of Project Management, The University of Queensland, 2017 • Bachelor of Quantity Surveying, Universiti Teknologi Malaysia, 2013 • Diploma in Quantity Surveying, Universiti Teknologi Malaysia, 2011 	<ul style="list-style-type: none"> ▪ Procurement Management ▪ Pre-Contract Management ▪ Contract Administration

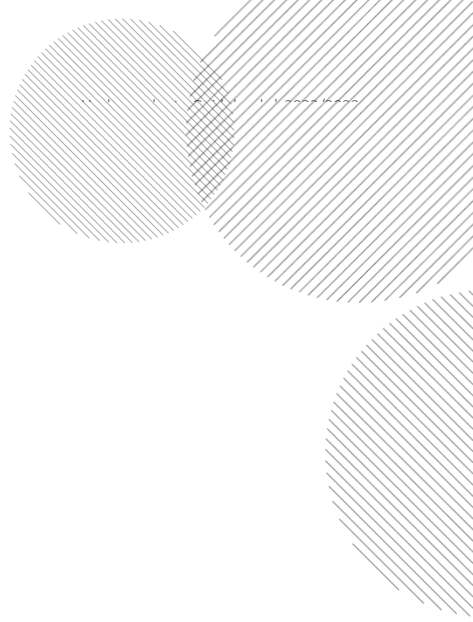
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“Enjoy the little things, for one day you may look back and realize they were the big things”

- Robert Brault

