

Welcome New Students!

Semester 1, 2026/2027

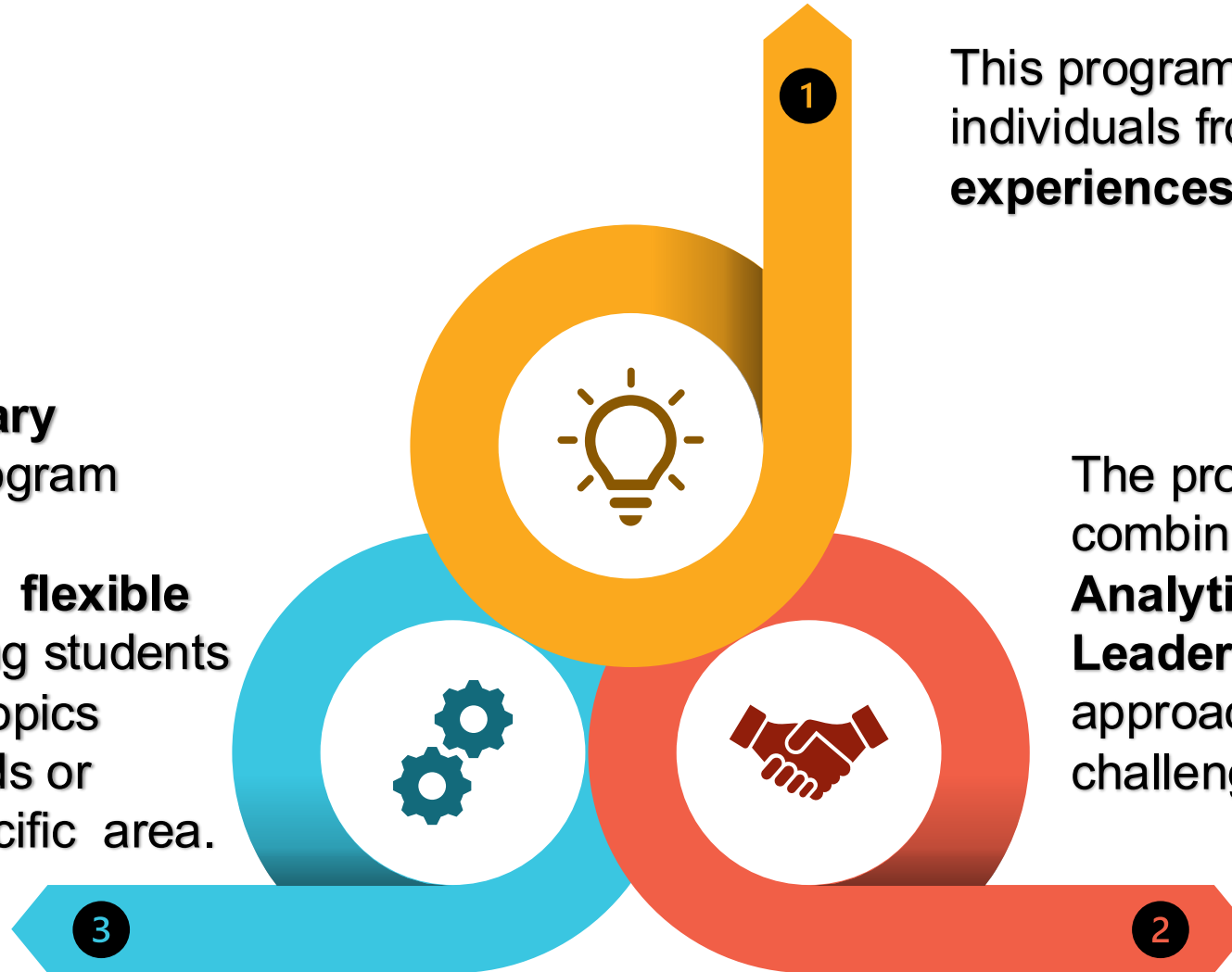
Master of Advanced Studies (MAS)

Dr Song Sze Looi / Dr Fong Chng Saun
Programme Coordinator

Home of the Bright, Land of the Brave
Di Sini Bermulanya Pintar, Tanah Tumpahnya Berani

INTRODUCTION

This **interdisciplinary** Master's degree program offers **stackable credentials** and a **flexible curriculum**, allowing students to explore various topics across different fields or **specialise** in a specific area.



This programme is designed for individuals from **diverse experiences and backgrounds**.

The program's direction – combination of **Integrated Analytics** and **Sustainable Leadership**, reflects a holistic approach to addressing complex challenges comprehensively.

WHY MAS?

1

Explore current high-demand areas such as Environmental, Social and Governance (ESG), Project Management, and Organisational Management, Culture and Leadership

2

Enhance your expertise by developing essential skills in Computational Thinking and Design Thinking, Data Analytics in Decision Making

3

Customise your education in various fields of interest, including Environment & Infrastructure, Technology & Innovation, Policy & Governance, and Health & Wellbeing

4

Gain real-world practical skills through a Capstone Project

Potential Careers



Senior
Administrator

Project Manager



Operations /
Department Manager

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- **PEO1:** Graduates who are able to articulate knowledge and create solutions for contemporary issues.
- **PEO2:** Graduates who establish themselves as responsible experts through effective communication, lifelong learning, and engagement with stakeholders, organisations, and communities.
- **PEO3:** Graduates who demonstrate leadership and provide expert advice by applying appropriate digital and analytical skills in an ethical and professional manner.

MASTER OF ADVANCED STUDIES (MAS)

- Study mode: **Coursework**
- Method and Duration:

Total credit hour: **42 hours**

Core Courses	Elective Courses
21 credit hours	12 credit hours
Capstone Project	
9 credit hours	

Method	Minimum Duration	Maximum Duration
Full-time	1 Year (2 semester + 1 special semester)	4 Year (8 semester)
Part-time	2 Year (4 semester)	6 Year (12 semester)

CORE COURSES

Course Code	Course Title	Credit Hours
HMX7001	Research Methodology	3
HQC7001	Data Analytics in Decision Making	4
HQC7002	Organisational Management, Culture and Leadership	3
HQC7003	Project Management	4
HQC7004	Environmental, Social and Governance	3
HQC7005	Computational Thinking and Design Thinking	4
HQC7006	Capstone Project	9

ELECTIVE COURSES – 4 CLUSTERS

Environment & Infrastructure

01

BQD7002 Green and Sustainable Technology I
BQD7012 Advanced Building Conservation
BQC7010 Sustainable and Environmental Management
SQH7014 Sustainable Urban Planning and Management

Technology & Innovation

02

WOA7019 Augmented Reality
WQD7006 Machine Learning for Data Science
WQE7004 Information Assurance
SQE7023 Innovation Strategy and Entrepreneurship

ELECTIVE COURSES – 4 CLUSTERS

Policy & Governance

03

ZQA7029 Introduction to Public Policy
ZQA7022 Sustainable Development Policy
ZQA7032 Law and Public Policy
ZQA7035 Leadership and Governance

Health & Wellbeing

04

PQA7019 Counseling Theories
PQA7002 Career Development Theories
MQB7041 Occupational Health
MQE7017 Communication Skills and Workplace-Based Learning

NOTES:

- 1) For elective courses, students must complete at least **3 courses** from the same cluster.
- 2) Course offered, subjected to the availability of lecturer of the specific course.

STUDY PLAN: FULL-TIME

Year	Component	Semester I			Component	Semester II		
		Code	Course	Credit		Code	Course	Credit
1	Core Course	HMX7001	Research Methodology	3	Core Course	HQC7005	Computational Thinking and Design Thinking	4
	Core Course	HQC7001	Data Analytics in Decision Making	4	Core Course	HQC7006	Capstone Project	9
	Core Course	HQC7003	Project Management	4	Elective Course		Choose any course from one of the clusters.	3
	Elective Course		Choose any course from one of the clusters.	3	Elective Course		Choose any course from one of the clusters.	3
	Elective Course		Choose any course from one of the clusters.	3				
Total Credit				17				19
			Semester Khas					
1	Core Course	HQC7002	Organisational Management, Culture and Leadership	3				
	Core Course	HQC7004	Environmental, Social and Governance	3				
Total Credit				6				
Total Credit (42 credit hour)				23				19

TIMETABLE SEM I 2026/2027

CORE COURSES

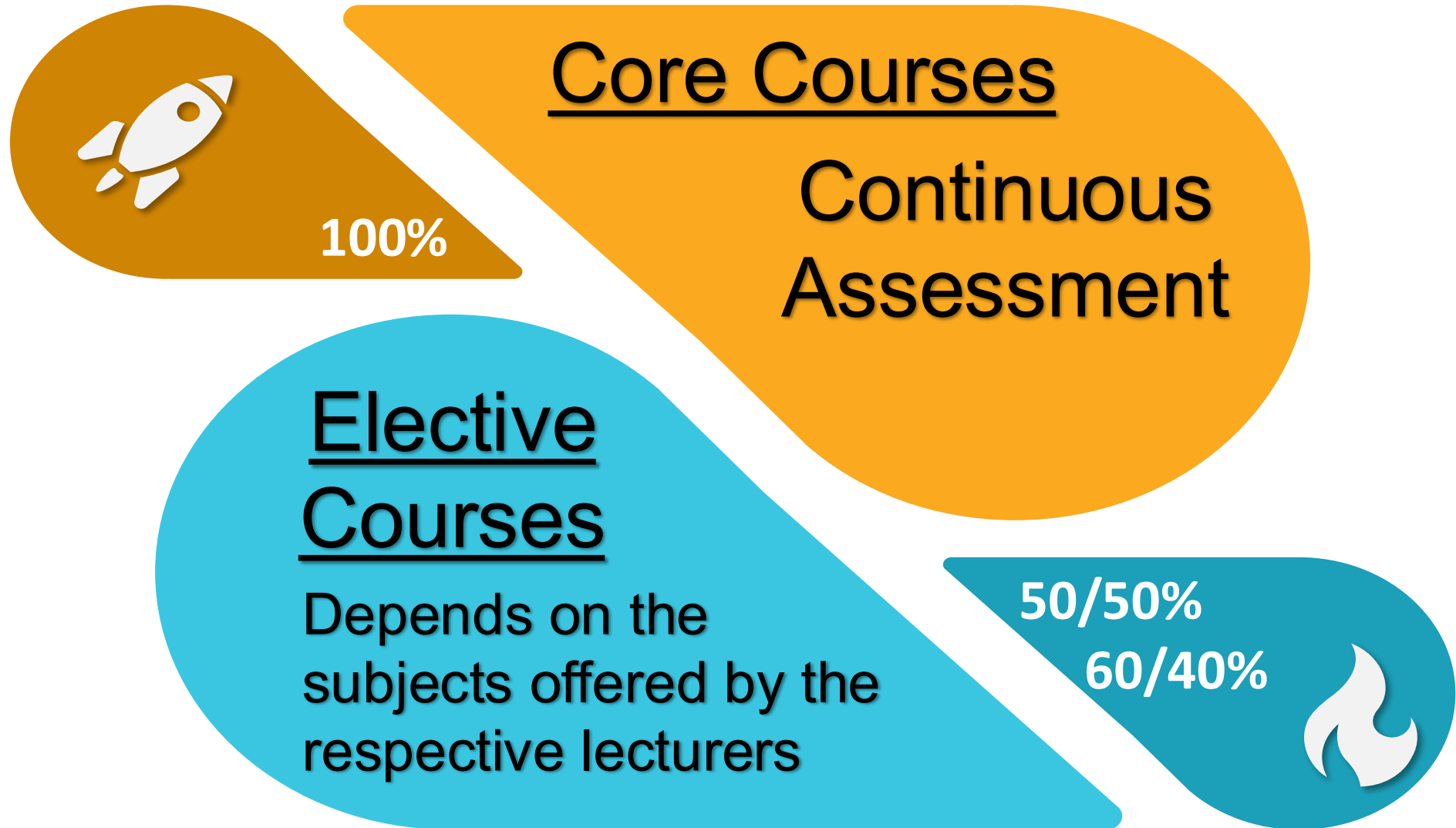
NO	COURSE NAME/ COURSE CODE	CREDIT HOUR	DAY/ TIME
1	RESEARCH METHODOLOGY (HMX7001)	3	MONDAY 6-9 PM
2	DATAANALYTIC FOR DECISION MAKING (HQC7001)	3	WEDNESDAY 6-9 PM
3	PROJECT MANAGEMENT (HQC7003)	3	THURSDAY 6-9 PM
4	CAPSTONE (HQC7006)	9	-

AVAILABLE ELECTIVE COURSES SEM I 2026/2027

NO	COURSE NAME/ COURSE CODE	CREDIT HOUR
ENVIRONMENT & INFRASTRUCTURE		
1	BQD7002 - Green and Sustainable Technology I	3
2	BQD7012 - Advanced Building Conservation	3
3	BQC7010 - Sustainable and Environmental Management	3
POLICY & GOVERNANCE		
1	ZQA7035 - Leadership and Governance	3
TECHNOLOGY & INNOVATION		
1	SQE7023 - Innovation Strategy and Entrepreneurship	3
HEALTH & WELLBEING		
1	PQA7019 - Counseling Theories	3
2	PQA7002 - Career Development Theories	3
3	MQB7041 - Occupational Health	3

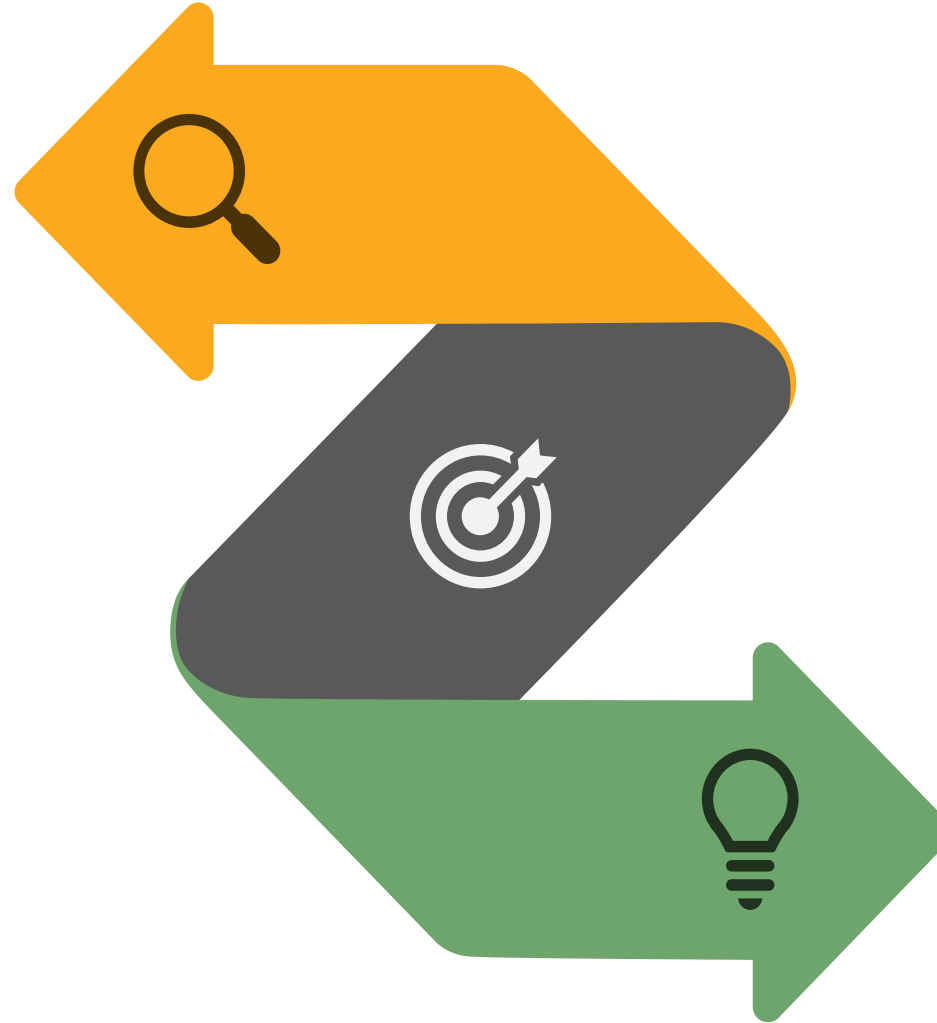
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ASSESSMENT METHOD



SCORING

Candidates must pass all core courses and 4 elective courses and a minimum grade point 3.0 (Grade B) with a grade point average (GPA) of at least 3.0



Evaluation and scoring used for this program is based on the structural evaluation and scoring system adopted for semester at the Universiti Malaya

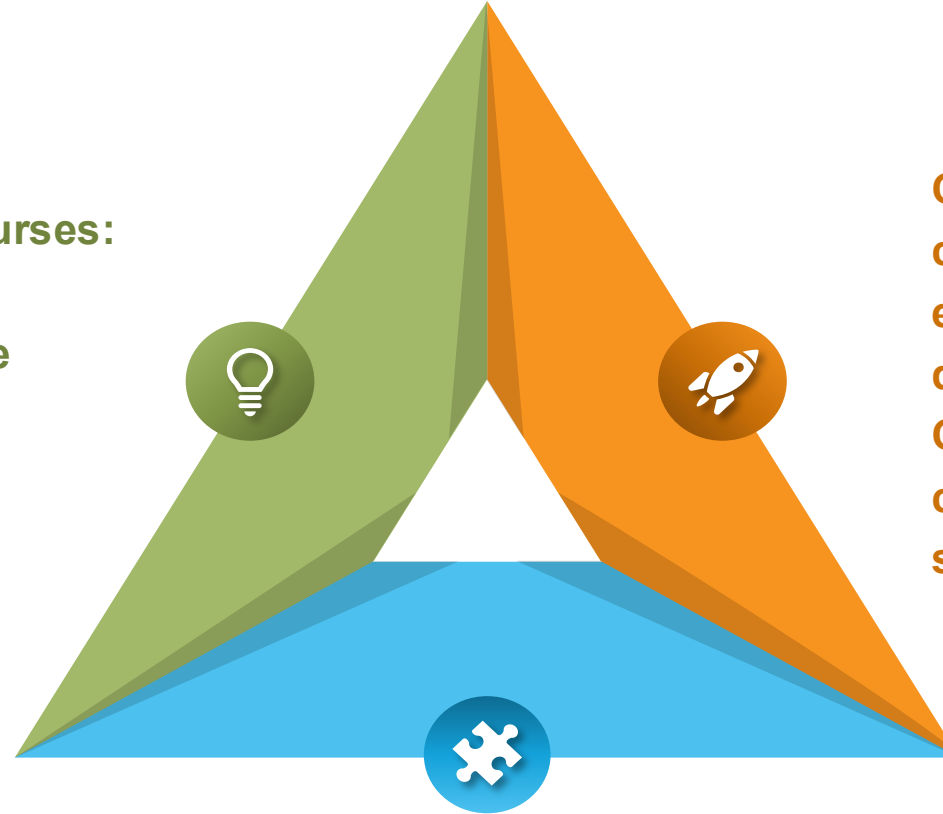
GRADING SYSTEM at the UNIVERSITI MALAYA

GRADE	SCORES	GRADE POINT	PURPOSE
A+	90.00 – 100.00	4.0	High Distinction
A	80.00 – 89.99	4.0	Distinction
A-	75.00 – 79.99	3.3	Distinction
B+	70.00 – 74.99	3.0	Pass
B	65.00 – 69.99	2.7	Pass
B-	60.00 – 64.99	2.3	Failed
C+	55.00 – 59.99	2.0	Failed
C	50.00 – 54.99	1.7	Failed
C-	45.00 – 49.99	1.5	Failed
D+	40.00 – 44.99	1.0	Failed
D	35.00 – 39.99	1.0	Failed
F	0.00 – 34.99	0.0	Failed

CAPSTONE PROJECT FOR MAS

The research project titles should be relevant to the Cluster of Elective Courses:

- ✓ Environment and Infrastructure
- ✓ Technology and Innovation
- ✓ Policy and Governance
- ✓ Health and Wellbeing

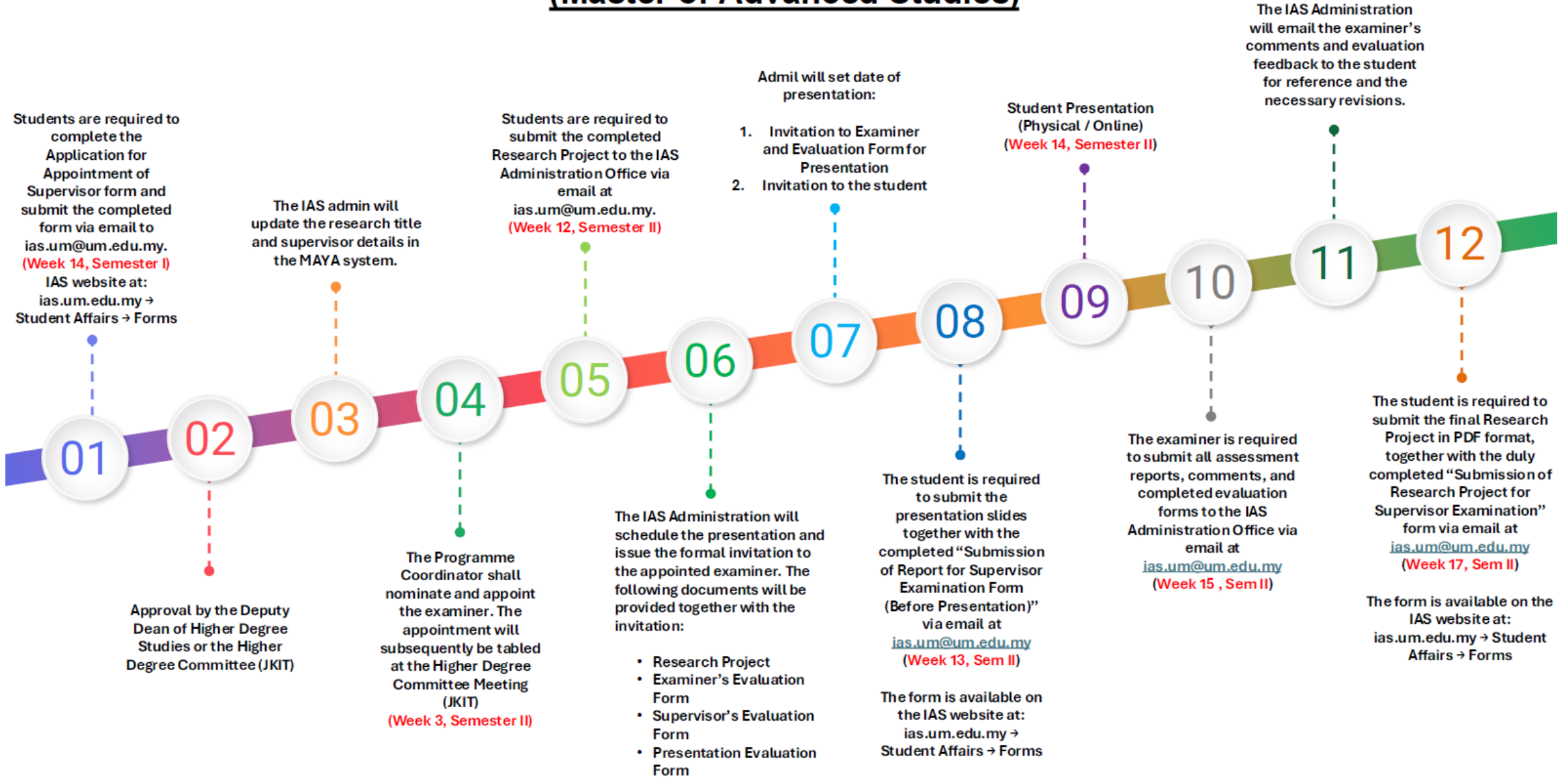


Candidates are not allowed to change supervisors and examiners, once it has been decided by the IAS Higher Degree Committee. The JKIT committee can decide otherwise under special circumstances.

Candidates can also come up with their own research project titles but they should comply with the above conditions.

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RESEARCH PROJECT FOR COURSEWORK PROGRAM (Master of Advanced Studies)



CLUSTER & CAPSTONE PROJECT FOR MAS



INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies

Master of Advanced Studies (MAS)

MAS Cluster and Capstone Planning Form

This form is to be completed by all newly enrolled MAS students at the beginning of their first semester. The information provided will be used for programme planning, cluster allocation, supervisor matching, and monitoring of Capstone Project progress.

Section A: Student Information

Student Name	
Student ID	
Email	
Intake	
Semester	

Section B: Preferred Cluster

Please tick (✓) ONE preferred cluster:

☐ Technology and Innovation



INSTITUT PENGAJIAN TERMAJU
Institute for Advanced Studies

APPLICATION FOR APPOINTMENT OF SUPERVISOR AND CONFIRMATION OF RESEARCH PROJECT TITLE FOR MASTER PROGRAM (MIXED MODE / COURSE WORK)

Guidelines to fill the form.

SECTION A (TO BE COMPLETED BY STUDENT):

- Students must complete this section before submitting to the supervisors
- Students are responsible for submitting the completed form to the supervisor before it can be processed by the Academic Division IAS. Incomplete forms will not be processed.
- This form must be submitted to the Academic Division IAS within 2 weeks from the date of registration each semester.

SECTION A : (To be completed by student)	
Name of Student	:
Matric No	:
Semester / Session	:
Email (siswamail)	:
Tel No	:
PNG (GPA) (Latest)	:
PNGK (CGPA)	:
Tentative Title	:
Research Field	:
Synopsis (250 – 300 words)	:

■ IAS > Student Affairs > Forms > Application for Appointment of Supervisor (under Research Project (Coursework))



WhatsApp Group (IAS MAS)



More activities and information are available at:
<https://ias.um.edu.my/>

THANK YOU

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