

Welcome New Students!

Semester 1, 2025/2026

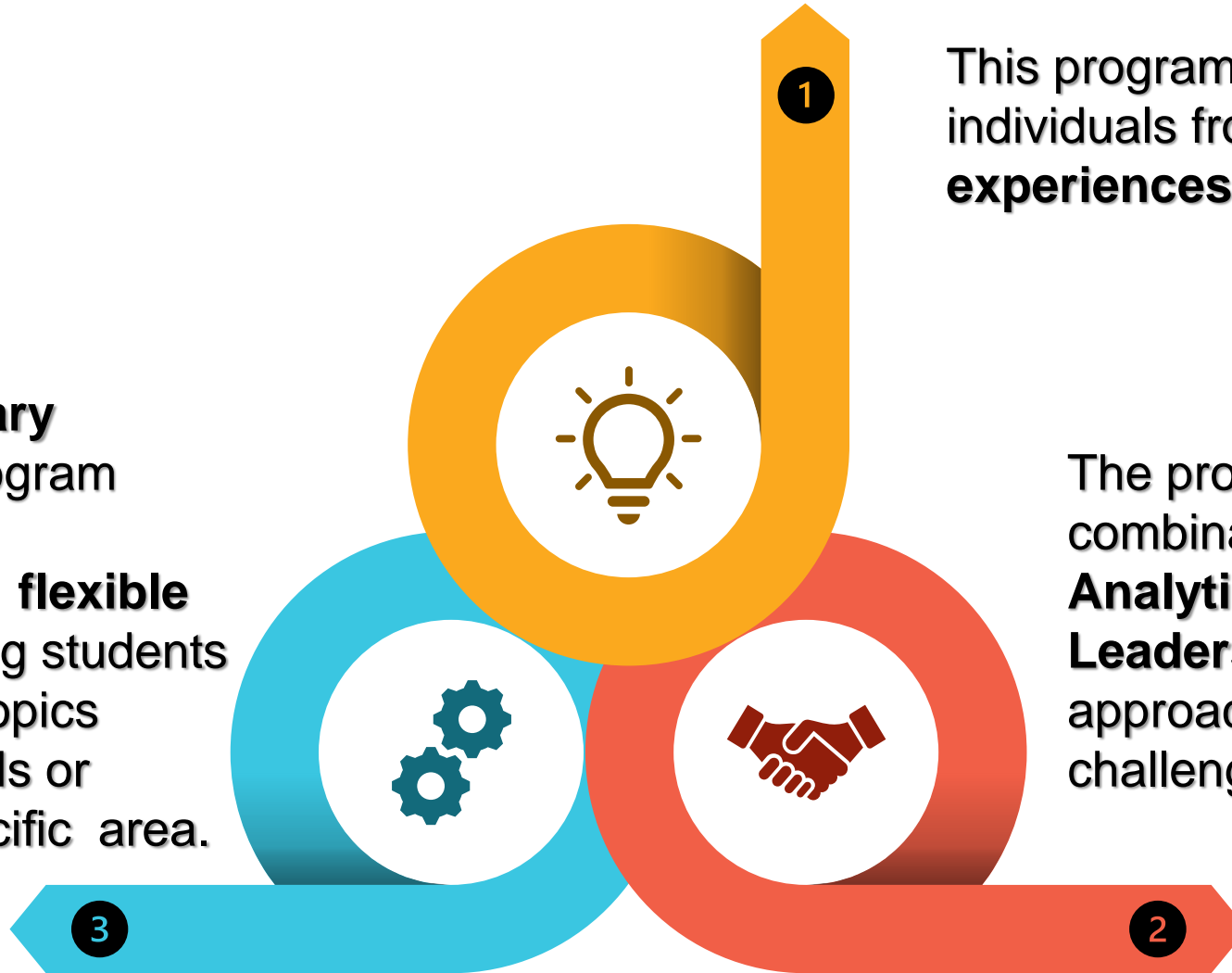
Master of Advanced Studies (MAS)

Dr Song Sze Looi
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 **specialize** 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

Customize 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 advanced knowledge and have knowledge to serve as versatile and innovative experts
- **PEO2:** Graduates who establish themselves as experts through lifelong learning with practical experience and contribute to community and organizations
- **PEO3:** Graduates who are able to lead and/or give expert advice 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
SOA7014 Sustainable Urban Planning and Management
Other Related Courses

Technology & Innovation

02

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

ELECTIVE COURSES – 4 CLUSTERS

Policy & Governance

03

ZQA7003 Fundamentals of Public Policy
ZQA7022 Sustainable Development Policy
ZQA7020 Law, Governance and Public Policy
ZQA7018 Public Leadership and Management
Other Related Courses

Health & Wellbeing

04

PQA7001 Counseling Theories
PQA7002 Career Development Theories
MQB7041 Occupational Health
MQE7017 Communication Skills and Workplace-Based Learning
Other Related Courses

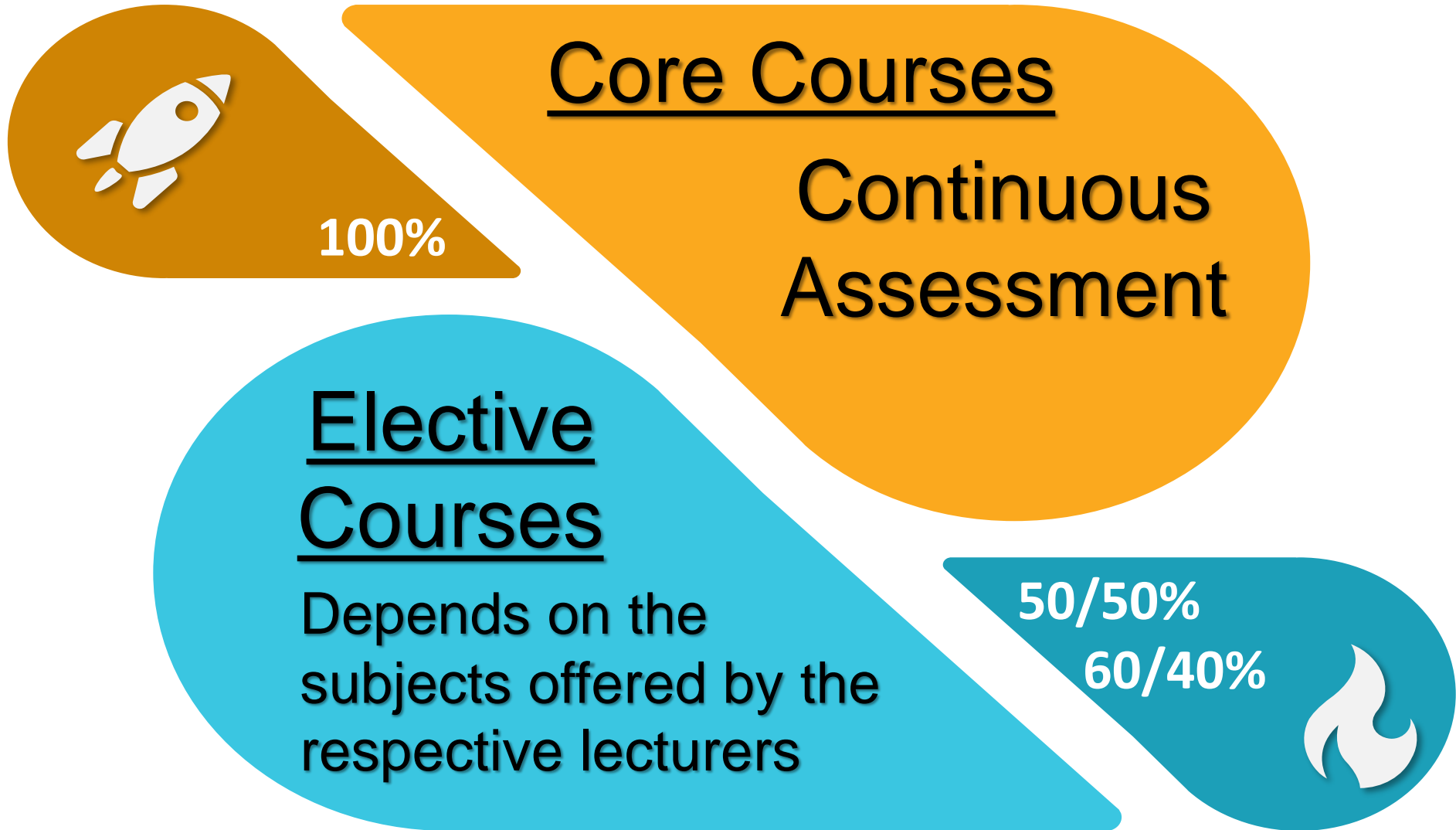
NOTES:

- 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

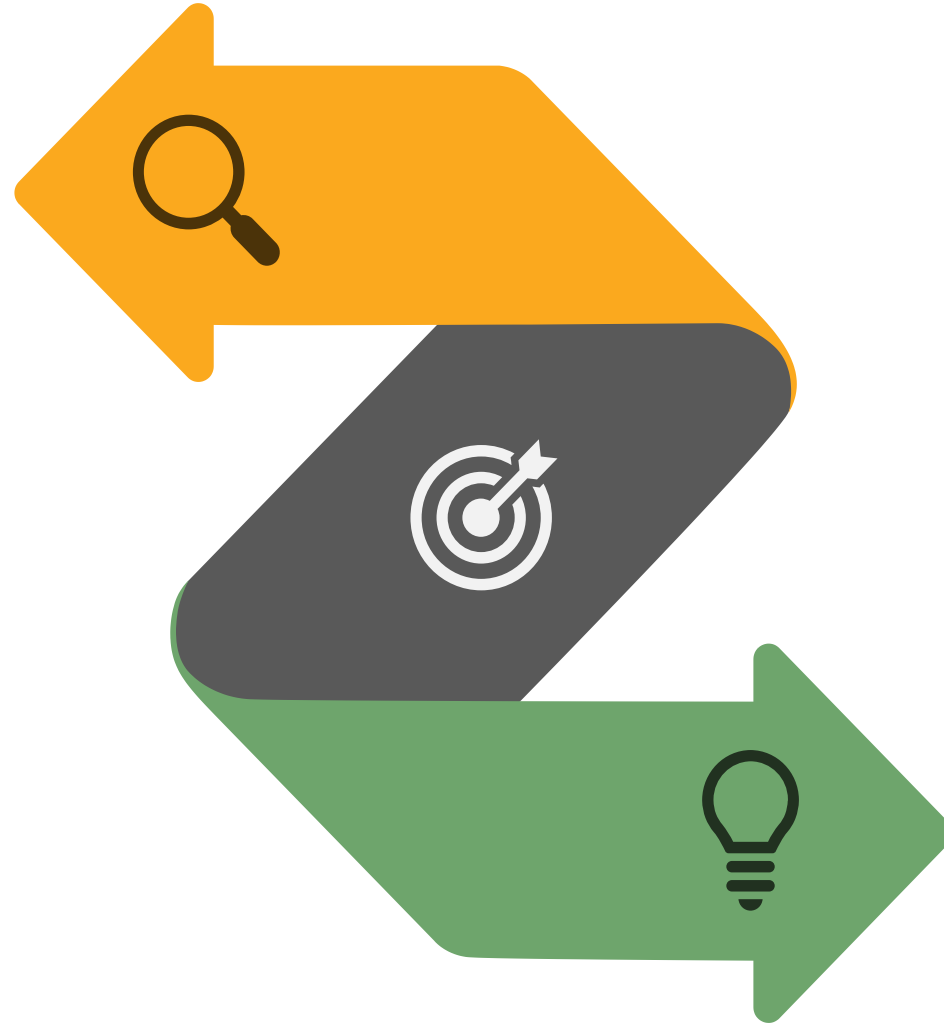
Year	Component	Semester I			Component	Semester II		
		Code	Course	Credit		Code	Course	Credit
1	Core Course	HMX7001	Research Methodology	3	Core Course	HQC7005	Computational Thinking and Design Thinking	4
	Core Course	HQC7001	Data Analytics in Decision Making	4	Core Course	HQC7006	Capstone Project	9
	Core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

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

SCORING SYSTEM at the UNIVERSITI MALAYA

GRADE	SCORES	GRADE POINT	PURPOSE
A	80-100	4.0	Brilliant
A-	75-79	3.7	Brilliant
B +	70-74	3.3	Pass
B	65-69	3.0	Pass
B-	60-64	2.7	Failed
C +	55-59	2.3	Failed
C	50-54	2.0	Failed
C-	45-49	1.7	Failed
D +	40-44	1.5	Failed
D	35-39	1.0	Failed
F	0-34	0.0	Failed
U			Not satisfactory
R			Registered for audit
UW			Unofficial withdrawal
W			Official withdrawal
P			Progress
S			Satisfy
K			Notional
I			Unfinished

ACADEMIC ADVISOR

Academic advisors are appointed from among the lecturers to guide the students in the planning of the students' academic programme of study. The academic advisors are responsible for:

1. Helping the students choose courses and the number of credits the students will take before the commencement of the semester.
2. Providing guidance to the students in overcoming problems related to learning, if any, based on the students' academic performance.
3. Students should meet with the academic advisors at least once in a semester.



5. All meetings between the academic advisors and the students must be recorded.
4. Students who are underachieved or under probation are compulsory to meet the academic advisors more than once.

CAPSTONE PROJECT FOR MAS

Research Project **9 credit hours**.



The first two weeks of each semester is for the candidates to submit the form: *Application of Appointment of Supervisor and Title of Research Project*.

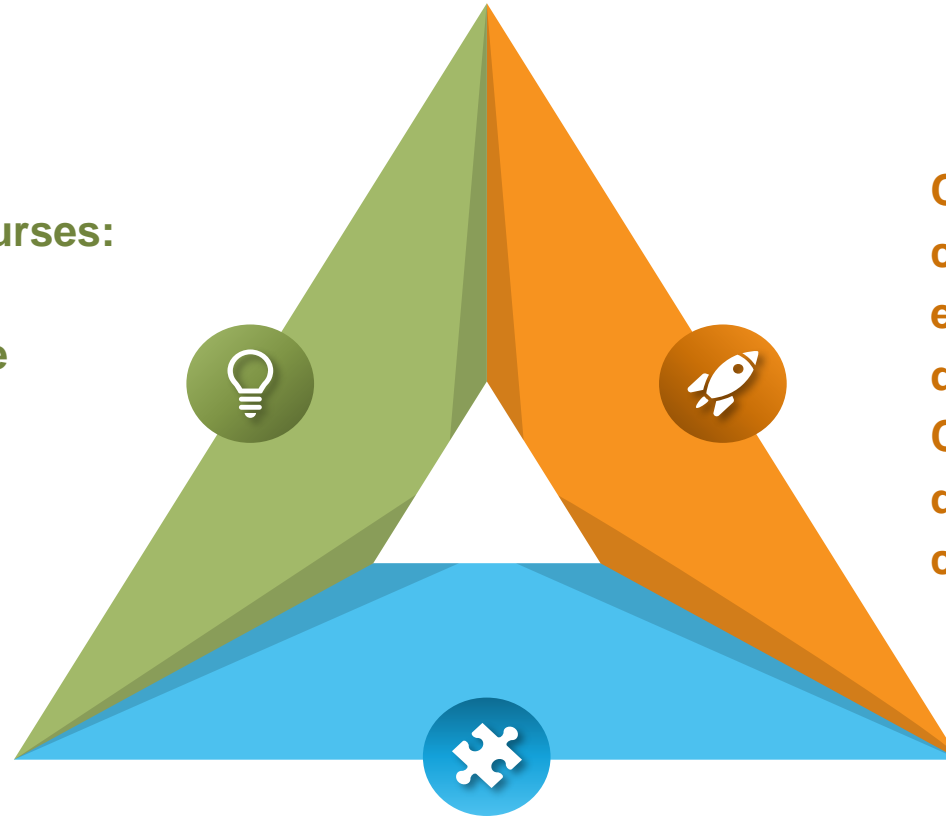
The IAS Postgraduate office will then email these titles to the eligible candidates. They can then select the titles before the beginning of the semester.

The IAS Higher Degree Committee will have a meeting to decide on the examiners for each of the students. At least **ONE** of the examiners **MUST** be a senior academic staff (related experience of more than 10 years).

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 JIT 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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THANK YOU

Institute for Advanced Studies
Level 2, Advanced Studies Complex
Universiti Malaya
50603 Kuala Lumpur, MALAYSIA
www.um.edu.my

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