

The programme was created in response to the European Union's Erasmus+ Program. This is in line with the Erasmus+ initiative, which aims to develop a skilled and knowledgeable workforce among working adults.

The programme prepares graduates to make informed and insightful decisions and manage them for the benefit of the organisation by focusing on the areas chosen and utilising model-driven development and project-based learning.

# MASTER IN TRAFFIC SAFETY MANAGEMENT

(MQA: PA15955) (KPT: N1041/7/0002)

## EDUCATIONAL OBJECTIVES

- ▶ Graduates possess fundamental knowledge and skills in Traffic Safety Management
- ▶ Graduates possess the skills to integrate various technology solutions such as street design, policy implementation and managing Traffic Safety
- ▶ Graduates have functional skills such as analytical, critical thinking, and soft skills such as good communication, interpersonal and teamwork skills with leadership to solve the problem in Traffic Safety Management
- ▶ Graduates have entrepreneurial skills and venture into the business arena with a real-world perspective
- ▶ Graduates have professional and ethical responsibilities and the social, economic, cultural, legal, and environmental impact of their Traffic Safety Management

## CORE MODULES

- MTL507 Intelligent Transportation System
- MTL506 Transportation Policy and Strategy
- MTS1013 Traffic Safety Management
- MTS1023 Road Safety Audit and Traffic Risk Analysis
- MTS1034 Logistics, Commercial Traffic and Safety
- MTS1044 Urban Transport Planning and Safety
- MTS1054 Statistical and Data Analysis for Traffic Safety
- MTS1063 Traffic Safety and Human Behaviour
- MTS1073 Geographical Information System (GIS) and Traffic Safety
- UCC504 Research Methods
- MTL590 Research Project



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**1st** in Malaysia to offer  
**Traffic Safety Management**



### PROGRAMME STRUCTURE

Program Core Courses	35 Credits
Project Paper	6 Credits
<b>TOTAL</b>	<b>41 Credits</b>

\*Total of 11 courses and Total Graduating Credit Hours is 41 credit hours.

### ADMISSION REQUIREMENTS

#### Applicants must possess one of the following qualifications:

- A bachelor's degree in the field of Traffic Safety Management or related fields with a minimum CGPA of 2.75 or equivalent, as accepted by the HEP Senate; or
- A bachelor's degree in the field of Traffic Safety Management or related fields or equivalent with a minimum CGPA of 2.50 and not meeting CGPA of 2.75, can be accepted subject to rigorous internal assessment; or
- A bachelor's degree in the field of Traffic Safety Management or related fields or equivalent with minimum CGPA of 2.00 and not meeting CGPA of 2.50, can be accepted subject to a minimum of 5 years working experience in the relevant field and rigorous internal assessment.
- Candidates without a qualification in the related fields or relevant working experience must undergo appropriate prerequisite courses determined by the HEP and meet the minimum CGPA based on (i) to (iii).

## Contact Information

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