

# MASTER OF **ENGINEERING** IN COMMUNICATION SYSTEMS

Inclusive . Global . Sustainable

FACULTY OF ENGINEERING

by coursework

**FEBRUARY, JUNE  
& OCTOBER**  
Intakes

# INTRODUCTION

Master of Engineering In Communication Systems programme by coursework is ideal for fresh graduates, practicing engineers and academicians with primary degrees in Engineering and Science who wish to focus on a career in the telecommunications industry. The programme offers a broad curriculum which focuses on solid theoretical core in communication systems engineering. It is designed to equip students with a detailed knowledge of modern communications technologies, telecommunications and data network systems. The programme also builds interdisciplinary skills in students, to meet current and future needs of telecommunication industry.

# ADMISSION

The Master of Engineering in Communication Systems programme is based on trimester systems; February, June and October in an academic year. Application is open throughout the year and can be done via [oas.ia.unimas.my](http://oas.ia.unimas.my)

## PROGRAMME STRUCTURE

### Semester 1

- KNL 6002 Research Methodology
- KNL 6102 Industrial Entrepreneurship
- KNL 6203 Advanced Mobile and Wireless Communications
- KNL6223 Microwave, RF and Antenna Technology
- KNL6XXX Elective

### Semester 2

- KNL6644 Research Project I
- KNL6243 Wireless Communication Networks and Protocols
- KNL6263 Satellite Technology
- KNL6122 Management for Engineers

### Semester 3

- KNL6656 Research Project II
- KNL6273 Advanced Signal Processing
- KNL6233 Telecommunication Law and Policy
- KNL6133 Safety and Health for Engineers

## DURATION OF THE PROGRAMME

The minimum of study is 12 months (Semester 1, Semester 2 and Semester 3) on full time to a maximum period of 2 years.

## FACILITIES AND RESOURCES

To support your study, the university provides various facilities and resources:

- Perpustakaan Tun Abdul Rahman Ya'kub (PeTARY) – The University library houses more than 200,000 titles of books and journals, and it also provides access to thousands of resources online.
- Resources Rooms – Spaces are provided for students to discuss, collaborate and work on academic tasks within the faculty and throughout the campus.
- Laboratory Facilities – Faculty of Engineering is supported by many research groups, laboratories and equipment's that allow our students to conduct their research in a wide range of fields.

## WHO SHOULD APPLY

The programme aims at providing opportunities to various group of potential candidates such as:

- Fresh graduates
- Practicing engineers and academicians with primary degrees in Engineering / Science who wish to focus on a career in telecommunication industry

## ENTRY REQUIREMENTS

For admission into the programme, a candidate must meet the following criteria:

- A Bachelor degree in related engineering discipline with a minimum CGPA of 2.50 or equivalent, as accepted by the Senate;
- A Bachelor degree or equivalent in related engineering discipline but with CGPA less than 2.50, may be admitted subject to a minimum of 5 years working experience in the relevant field; or Other equivalent qualifications approved by the Senate
- For international students, a minimum IELTS Score of 5.0 or its equivalent ( e.g. TOEFL-525; TOEFL Computer Test -196; TOEFL Internet Test 69-70 ) is required.

## COURSE FEES

Malaysian student **RM 20,377.00**

International students **RM 34,620.00**

Fees include administrative, tuition and course materials for the duration of the programme. Further payment will be required if the students extend their studies.

# CONTACT US

## PHONE NUMBERS

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## WEBISTE

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## EMAIL

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## ADDRESS

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Master of Engineering  
In Communication Systems  
Programme Coordinator (via Coursework)  
Department of Electrical and Electronic,  
Faculty of Engineering  
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