

## ENTRY REQUIREMENTS

## HOW TO APPLY

### Masters Programme

To be eligible to apply for a Master's degree programme at Universiti Tenaga Nasional (UNITEN), an applicant should already possess a good Bachelor's degree with honours from UNITEN or from other recognised institutions of higher learning or equivalent qualifications in a related field accepted by the university's graduate admission committee. Those with second class upper or with CGPA of 2.75 or better will be given preference.

### Doctoral Programme

To be eligible to apply for a doctoral programme at UNITEN, an applicant should already possess a Master's degree from UNITEN or from other recognised institutions of higher learning in a related field accepted by the university's graduate admission committee. Those who possess degrees with research background will be given preference.

### Step 1

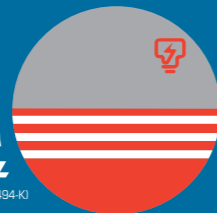
Application forms can be downloaded from [www.uniten.edu.my/postgraduate](http://www.uniten.edu.my/postgraduate)  
Kindly contact us at 603-89212020  
ext: 3124/3019/3016 to have the registration forms sent to you.

### Step 2

Send the completed application form together with all necessary documents together with the non-refundable application fee to:

### College of Graduate Studies

Universiti Tenaga Nasional  
KM7 Jalan Kajang- Puchong  
43009 Kajang  
Selangor  
Malaysia



### Further enquiries can be made to:

Administrative Officer  
College of Graduate Studies  
KM7, Jln Kajang - Puchong  
43009 Kajang, Selangor, Malaysia  
Tel : 603-89212020 ext 3124/3019/3016  
Fax : 603-89212065  
E-mail : [postgrad@uniten.edu.my](mailto:postgrad@uniten.edu.my)

Website : [www.uniten.edu.my](http://www.uniten.edu.my)

POSTGRADUATE PROGRAMMES

# INFORMATION AND COMMUNICATION TECHNOLOGY

[PhD & Masters]



UNITEN GENERATES  
PROFESSIONALS

The Information and Communication Technology [ICT] programmes provide comprehensive technical knowledge and support led by experts from various related fields. The modules place emphasis on technology and cutting-edge research that applies to real-world challenges faced by the industry. Innovation, analytical thinking and discipline are cultivated to develop well-rounded professionals that can recognise and be responsive to emerging trends and needs.

### RESEARCH - AREAS OF FOCUS

Computer Forensics, Decision Support Systems, E-Learning, HCI Interactive Design, IT Services, Machine Learning and Soft Computing, Networking and Operating Systems, Networks and Security, Software Agents, Software Development

### DOCTOR OF PHILOSOPHY (PhD) in Information and Communication Technology (Structure A : by Full Research)

Due to the nature of the programme which is done entirely by research, those who intend to pursue a doctoral degree must possess an excellent Master's degree preferably with research work in a related field.

Prospective doctoral candidates are advised to prepare a good research proposal which helps to match with a suitable supervisor or panel of supervisors. PhDs are highly specialised fields. Gaining a PhD degree can take a candidate anywhere from 2 to 7 years. A PhD degree provides the opportunity to do in-depth study in a topic of interest and PhD holders are normally considered an authority in their area of expertise. PhD candidates are also expected to give an original contribution to the existing body of knowledge.

### MASTER OF INFORMATION TECHNOLOGY (MIT) (Structure A and Structure B)

**Structure A** is by full research and applicants must possess an excellent Bachelor degree preferably with a CGPA of 3.0 or second class upper from recognised institutions of higher learning. Applicants must prepare and submit a research proposal together with their application form.

**Structure B** is by coursework and research. The distribution between the coursework and dissertation is about 50 %.

#### Core Courses

Research Methodology  
Advanced Computer Applications  
Management Information Technology or Management Information System

#### Elective Courses (choose any 4)

Advanced Engineering Mathematics  
Introduction to Communication Systems  
Advanced Applied Telecommunication System  
Formal Methods in Software Development  
Multimedia System Design  
Multimedia Information Systems  
Software Maintenance  
Information System Security  
Strategic Management  
Organisational Behaviour  
Knowledge Management

#### Plus Research Dissertation

#### Credit Hours

Courses (7 Subjects)	21
Research Project	19
<b>Total</b>	<b>40</b>

#### TESTIMONIAL

"I want to be an expert in open source software. My instincts led me to study at UNITEN because unlike other universities, I find that there are many professionals here that can help me in this field."



**Anas Ayad  
Abdul Razzaq**  
Master of  
Computer Science  
(Operating System &  
Networking Unit)  
Student from Iraq  
2007