

Masters and Masters Qualifier  
in  
Electronic Systems  
and  
Telecommunications Engineering

[http://www.dcu.ie/electronic\\_engineering/index.shtml](http://www.dcu.ie/electronic_engineering/index.shtml)

## You Have A Question...

- **FAQs:** <https://www.dcu.ie/electronics/post/faq.shtml>

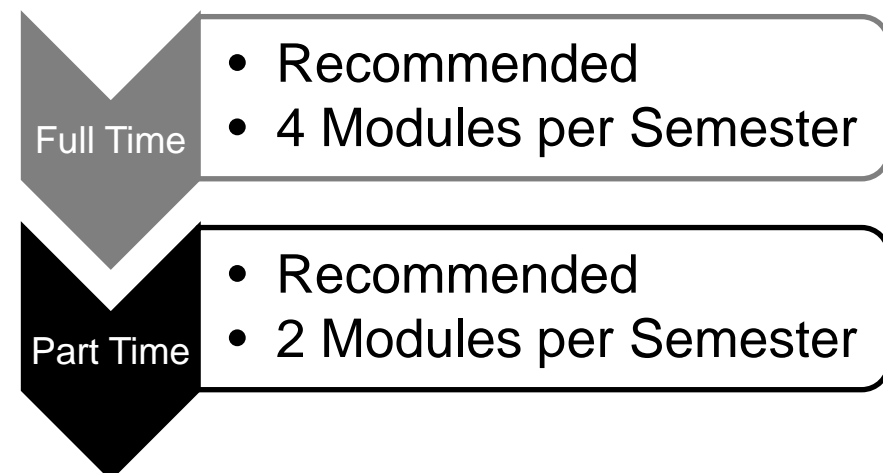
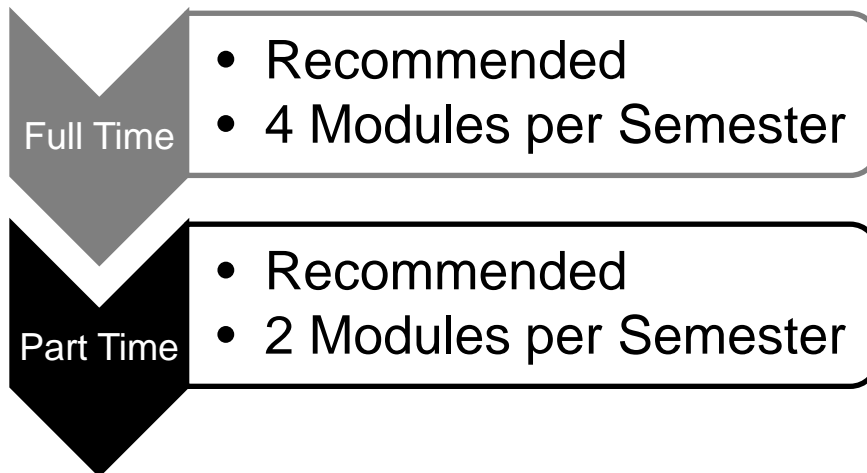
## Who Can You Talk To....

- **Jennifer Bruton, Chairperson of Programme, Project Coordinator**  
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- **Dr. Pascal Landais, Admissions**  
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- **Michele Pringle, Faculty Manager Administration**  
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## Programme Structure

- **MASTERS**
- **MENC, MTCC**
- 8 Modules +Project

- **QUALIFIER**
- **MEQC**
- 4 Modules



### NOTE:

- The last 'C' in each Programme code indicates a 'continuous' programme. There is no Year 1, Year 2 structure, etc.
- There are no special codes for the Majors

## Credits, Weightings, Levels

- All taught modules are worth **7.5 ECTS credits** (European Credit Transfer System)
- The PROJECT is worth **30 credits**.
- For final precision mark computation:
  - All taught modules are weighted **150**
  - The PROJECT is weighted **600**
- Levels
  - Level 8 (Undergraduate), **EE4xx**
  - Level 9 (Postgraduate), **EE5xx**

## Award Classifications

### Masters:

**Pass**

- 90 credits & a precision mark of 40-59%

**2<sup>nd</sup> Class  
Honours**

- 90 credits & a precision mark of 60-69%

**1<sup>st</sup> Class  
Honours**

- 90 credits & a precision mark of 70-100%

**Levels: 60 credits must be at **Level 9**  
(min. 4 modules + project)**

## Exit Awards

### Graduate Diploma / Graduate Certificate:

**Pass**

- Precision mark of 40-59%

**Credit**

- Precision mark of 60-69%

**Distinction**

- Precision mark of 70-100%

### Levels:

- Diploma - 60 credits must be at **Level 9**
- Certificate – 30 credits must be at **Level 9**

## Registration

- Register for modules for the current academic year only
- Registration should be completed by now.
- A late registration fee applies after **Fri 25 Sept 2015**
- After **Fri 23 Oct, 2015** – No registration is allowed
- Registration is YOUR responsibility! (Please Check Your Portal Page)
- Academic staff have no additional information on fees, see: <http://www.dcu.ie/finance/fees/index.shtml>

## Choosing Your Modules

- See the 'Programme Planner' for 2015-16 (Majors built in):

<http://www.dcu.ie/electronics/post/modules/index.shtml>

- **IMPORTANT NOTES:**

- Electronic Systems students can choose **ANY 8** modules.
- Telecoms students **MUST** take **at least 6** modules from the 'telecoms' module set **plus** ANY other **2** modules
- Modules EE587, EE588 may not be available in 2016-17
- Part-time students should not select a project in Year 1



Masters in Electronic Systems

Programme: Masters in Electronic Systems

Requirements:

- Complete eight taught modules, of which four or more must be level 9 modules
- Complete masters project module EE592

Module Title	Lvl	Sem	Start	Finish	Mode	Regist.
EE402: Object-oriented Programming for Engineers	8	1	22/09/14	13/12/14	OC/Web	Option
EE450: Communications Theory	8	1	22/09/14	13/12/14	OC/Web	Option
EE453: Image Processing & Analysis	8	1	22/09/14	13/12/14	OC/Web	Option
EE500: Performance of Data Networks	9	1	22/09/14	13/12/14	OC/Web	Option
EE509: Data Network Protocol Analysis and Simulation	9	1	22/09/14	13/12/14	OC/Web	Option
EE535: Renewable Energy: Systems, Technology and Economics	9	1	22/09/14	13/12/14	OC/Web	Option
EE540: HDL/High Level Logic Synthesis	9	1	22/09/14	13/12/14	OC/Web	Option
EE541: Nano & Microelectronic Device Manufacturing	9	1	22/09/14	13/12/14	OC/Web	Option
EE559: Fundamentals of Nanoelectronic Technology	9	1	22/09/14	13/12/14	OC/Web	Option
EE562: Network Programming	9	1	22/09/14	13/12/14	OC/Web	Option
EE417: Web Application Development	8	2	02/02/15	25/04/15	OC/Web	Option
EE451: Mechatronic System Simulation & Control	8	2	02/02/15	25/04/15	OC/Web	Option
EE452: Wireless and Mobile Communications	8	2	02/02/15	25/04/15	OC/Web	Option
EE454: Optical Communications System Design *	8	2	02/02/15	25/04/15	OC/Web	Option
EE502: DSP (Signal Modelling & Compression)	9	2	02/02/15	25/04/15	OC/Web	Option
EE506: Fundamentals of Photonic Devices	9	2	02/02/15	25/04/15	OC/Web	Option
EE507: Entrepreneurship for Engineers	9	2	02/02/15	25/04/15	OC/Web	Option
EE538: Secure Sys Admin and Internetwork Security	9	2	02/02/15	25/04/15	Campus	Option
EE544: Computer Vision	9	2	02/02/15	25/04/15	OC/Web	Option
EE552: Broadband Networks	9	2	02/02/15	25/04/15	OC/Web	Option
EE565: Medical Imaging and Visualisation	9	2	02/02/15	25/04/15	OC/Web	Option
EE587: Plasma Process Technology	9	2	02/02/15	25/04/15	OC/Web	Option
EE588: Semiconductor Manufacturing Equipment and Systems	9	2	02/02/15	25/04/15	Web	Option
EE592: Electronic Systems Project (MEN)	9	-	Oct	End Sep	-	Required
EE593: Telecommunications Eng. Project (MTC)	9	-	Oct	End Sep	-	Unavailable
EE594: Nano Major Project (MEN-Nano)	9	-	Oct	End Sep	-	Unavailable
EE595: Imaging Major Project (MEN-IPA)	9	-	Oct	End Sep	-	Unavailable
EE596: Network Major Project (MTC-Network)	9	-	Oct	End Sep	-	Unavailable
EE598: Semiconductor Manufacturing Project (MEN)	9	-	Oct	End Sep	-	Unavailable

Note: Module list may be subject to changes/semester switches before the beginning of each academic year. Please bear this in mind when making your module selections.

## Module Changes

- **Online (Portal Page):** -You can change and delete modules between **Mon 28 Sep - Fri 2 Oct 2015** with no extra charge
- **Form:** You can change and delete modules between **Mon 5 Oct - Fri 9 Oct 2015** using 'Change of Module Choice Form' R-37 [http://www4.dcu.ie/registry/application\\_forms.shtml](http://www4.dcu.ie/registry/application_forms.shtml) with a payment of €60
- **No change allowed after Fri 9 Oct, 2014.**
- **Changes for Semester 2 can be made free of charge Mon 16 Feb - Fri 19 Feb 2016** with no extra charge

Questions?