Masters and Masters Qualifier in Electronic Systems and Telecommunications Engineering

You Have A Question…

- FAQs: [https://www.dcu.ie/electronics/post/faq.shtml](https://www.dcu.ie/electronics/post/faq.shtml)

Who Can You Talk To….

- Jennifer Bruton, Chairperson of Programme, Project Coordinator
  
  email: jennifer.bruton@dcu.ie

- Dr. Pascal Landais, Admissions
  
  email: pascal.landais@dcu.ie

- Michele Pringle, Faculty Manager Administration
  
  email: michele.pringle@dcu.ie

- School Executive
  
  email: ee.head@dcu.ie
Programme Structure

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

**QUALIFIER**
- MEQC
  - 4 Modules

**Full Time**
- Recommended
- 4 Modules per Semester

**Part Time**
- Recommended
- 2 Modules per Semester

**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%

- **2nd Class Honours**
  - 90 credits & a precision mark of 60-69%

- **1st 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](http://www.dcu.ie/finance/fees/index.shtml)
Choosing Your Modules

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

- **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

<table>
<thead>
<tr>
<th>Module Title</th>
<th>Lvl</th>
<th>Sem</th>
<th>Start</th>
<th>Finish</th>
<th>Mode</th>
<th>Regist</th>
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<tbody>
<tr>
<td>EE402: Object-oriented Programming for Engineers</td>
<td>8</td>
<td>1</td>
<td>22/09/14</td>
<td>13/12/14</td>
<td>OC/Web</td>
<td>Option</td>
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<tr>
<td>EE450: Communications Theory</td>
<td>8</td>
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<td>OC/Web</td>
<td>Option</td>
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<tr>
<td>EE453: Image Processing &amp; Analysis</td>
<td>8</td>
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<td>EE500: Performance of Data Networks</td>
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<td>EE508: Data Network Protocol Analysis and Simulation</td>
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<td>Option</td>
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<td>EE555: Renewable Energy, Systems, Technology and Economics</td>
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<td>EE540: HDL/High Level Logic Synthesis</td>
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<td>EE541: Nano &amp; Microelectronic Device Manufacturing</td>
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<td>EE559: Fundamentals of Nanoelectronic Technology</td>
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<td>EE662: Network Programming</td>
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<tr>
<td>EE417: Web Application Development</td>
<td>8</td>
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<td>EE551: Mechatronic System Simulation &amp; Control</td>
<td>8</td>
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<td>EE452: Wireless and Mobile Communications</td>
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<td>EE454: Optical Communications System Design</td>
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<td>EE552: DSP (Signal Modelling &amp; Compression)</td>
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<td>EE556: Fundamentals of Photonic Devices</td>
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<td>EE557: Entrepreneurship for Engineers</td>
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<td>EE558: Secure Sys Admin and Internetwork Security</td>
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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.


- 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?