Preparing to move into your fourth year in 2015-16

An advice session
This session

• The structure of our programmes: what modules are taken on each ACSE programme in year 4.
• Options available
• Important points (e.g. about module choice and registration)
• Other things to consider
• Careers and internships
• Questions
Important points (1)

- Regulations are subject to change. It is common that new modules are introduced, modules are changed, and modules are withdrawn.

- The online module choice opens on Tuesday the 5\textsuperscript{th} of May. It is only the first step in registration. It is not the same as registration. You have to make your module choices by Friday the 22\textsuperscript{nd} of May.

- Your summer exam results will be available via MUSE from 2p.m. on Friday the 11\textsuperscript{th} of July. Information about how to register or how to apply for a resit will be included with your exam results. See \url{www.sheffield.ac.uk/ssid/exams/results}.

- For more information on module choice and registration see \url{www.shef.ac.uk/registration/continuing/module} and \url{www.shef.ac.uk/registration/continuing}.

- If you fail a module, you may have the opportunity to resit it next academic year (not in August).
## Computer systems engineering (Yr 4)

### CORE MODULES (80)

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Credits</th>
<th>Module Title</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACS408</td>
<td>10</td>
<td>Optimisation and Search (S1)</td>
<td></td>
</tr>
<tr>
<td>ACS427</td>
<td>10</td>
<td>Data Modelling and Machine Learning (S2)</td>
<td></td>
</tr>
<tr>
<td>ACS420</td>
<td>60</td>
<td>PROJECT (year long)</td>
<td></td>
</tr>
</tbody>
</table>

### Programme specific options (40)

<table>
<thead>
<tr>
<th>Module Code</th>
<th>Title</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM4501</td>
<td>Computer Security and Forensics (S2)</td>
<td></td>
</tr>
<tr>
<td>COM4503</td>
<td>3D Computer Graphics (S1)</td>
<td></td>
</tr>
<tr>
<td>COM4506</td>
<td>Testing and Verification (S1)</td>
<td></td>
</tr>
<tr>
<td>ACS410</td>
<td>Flight Dynamics and Control (S2)</td>
<td></td>
</tr>
<tr>
<td>ACS424</td>
<td>Multi-sensor data fusion (S2)</td>
<td></td>
</tr>
<tr>
<td>ACS426</td>
<td>Advanced Control (S1)</td>
<td></td>
</tr>
<tr>
<td>ACS428</td>
<td>Hybrid Control Systems (S2)</td>
<td></td>
</tr>
<tr>
<td>ACS6334</td>
<td>Mobile Robotics and Autonomous Vehicles (S2)</td>
<td></td>
</tr>
<tr>
<td>MLT</td>
<td>Language (max 20 credits)</td>
<td></td>
</tr>
</tbody>
</table>

**NB. COM modules 15 credits**

*These are the current modules in the regulations, and they are subject to change.*
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Modern Languages

- MLTxxx, sem 1, 10 credits
- MLTxxx, sem 2, 10 credits
- Go to www.shef.ac.uk/ssid/course -> and choose “Directory of Modules and then choose the link to the Modern Languages Teaching Centre (MLTC) for a list of the languages available. From that list, ACSE would allow you to take French, Spanish, German, Italian, Arabic or Greek.

- You are not allowed to sign up for a beginning level class for a language in which you already have proficiency.
- If you choose the MLT option during Online Module Choice or Online Registration, the MLTC will check your background and may need to interview you to assess which level you should take.
Where to find information on modules

- Directory of modules - http://www.sheffield.ac.uk/ssid/course
- ACSE - http://www.sheffield.ac.uk/acse/current/modules
- EEE - http://hercules.shef.ac.uk/eee/teach/resources/modules.html
- MEC – see Directory of Modules
Other things to consider (1)

• Next year’s timetable will be quite different from this year’s timetable. Your core and optional modules will still work on your timetable, but don’t make your choices based on when modules are scheduled this year.
• You cannot register for more than 120 credits in a year
• You need a weighted mean of 49.5 or more this year to stay on the MEng.
• In the 4th year of the MEng, the passing mark is 50 (up from 40). This is the bottom of the II.2 range.
• You’ll need to pass >= 320 credits at levels 2,3,4, with >= 90 of those passed being 4 or 6 coded ($abc4xx$ or $abc6xxx$) to get an MEng.
• Ratio of weighting year 4:3:2 is 2:2:1.
Other things to consider (2)

• If you were previously on the BEng, and moved onto the MEng at the end of year 2, or if you did a year’s placement, you are likely to need a new Ucard soon. If your record shows the change to your programme, there will be no charge for the card.
YII programme

• Process:
  – Find a placement (needs to be at least 38 weeks, in a relevant role) for the year before your final year.
  – Once you have found the placement, apply to change programme (see http://www.sheffield.ac.uk/ssid/record/degree)
  – More information is available at http://www.sheffield.ac.uk/acse/undergraduates/courses/placements
Careers and internships

- The department and Careers Service offer a lot of support for careers
- Please use this
- Evidence is that a significant proportion of students are not taking up these opportunities
- Ensure you check your emails for opportunities
Any questions?