

***You should only pick a maximum of 1 module per day.***

*Beware MCEL run over a complete semester or periods (1 + 2) OR (3 + 4).*

## MEng 4<sup>th</sup> Year Course Choices HCI – 2020/21

Use: <http://studentnet.cs.manchester.ac.uk/ugt/options.php> - find your MEng theme then scroll down to 4th Year options

For timetable see: PGT timetable page: [Fourth Year MEng](#)

You need to **pick units from option pool 1, 2, 3, 4 and 5** in addition to the compulsory Summer/Year Project, MCEL40042 in Semester 2. Thus a total of 130 credits.

|   |            |
|---|------------|
| <b>Name:</b>  |            |
| <b>Student ID:</b>  |            |
| <b>COMP40901 Industrial Group Project (summer placement) (25 Credits)</b>   | COMPULSORY |
| <b>MCEL40042 Business Feasibility Study (15 credits)</b>  | COMPULSORY |
| <b>Choose a minimum of 15 and maximum of 30 credits from option Pool 1 below (ensure you balance all of your credits over the semesters/teaching periods)</b>       |            |
| <b>COMP60411 Modelling data on the Web (15 credits) Monday</b>  |            |
| <b>COMP60711 Data Engineering(15 credits) Thursday</b>  |            |
| <b>COMP61011 Foundations of Machine Learning(15 credits) Wednesday</b>  |            |
| <b>Choose a minimum of 0 credits and maximum of 15 credits from option pool 2 below(ensure you balance all of your credits over the semesters/teaching periods)</b> |            |
| <b>COMP62421 Querying Data on the Web (15 credits) Monday</b>   |            |
| <b>COMP61021 Representation Learning (must have COMP61011 – P1 Wednesdays) (15 credits)</b>   |            |
| <b>Choose a minimum of 15 and maximum of 30 credits from option Pool 3 below (ensure you balance all of your credits over the semesters/teaching periods)</b>       |            |
| <b>COMP61332 Text Mining (Recommended to have COMP61011 with this!) (15 credits) Tuesday</b>  |            |

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| <b>COMP60542 Introduction to Health Informatics (15 credits)<br/>Thursday</b>  |  |
| <b>COMP62532 Component-based Software Development (15 credits)<br/>Monday</b>  |  |
| <b>COMP60532 Principles of Digital Biology (15 credits) Thursday</b>   |  |
| <b>Choose 15 credits from option Pool 4 below (ensure you balance all of your credits over the semesters/teaching periods)</b> |  |
| <b>BIOL60771 Advanced Biotechnology I: expression systems for biopharmaceutical &amp; industrial proteins (15 credits)</b>     |  |
| <b>SOST70011 Introduction to Statistical Modelling (15 credits)</b>  |  |
| <b>IIDS67631 Fundamental Mathematics &amp; Statistics for Health Data (15 credits)</b>   |  |
| <b>BIOL60140 Introduction to Next Generation Sequencing (15 credits)</b>   |  |
| <b>Choose 15 credits from option Pool 5 below (ensure you balance all of your credits over the semesters/teaching periods)</b> |  |
| <b>SOST70032 Complex Survey Designs and Analysis (15 credits)</b>  |  |
| <b>IIDS67622 Understanding Data and Decision Making (15 credits)</b>   |  |
| <b>IIDS67642 Biomedical Modelling for Health Data (15 credits)</b>   |  |
| <b>IIDS61302 Modern Information Engineering (15 credits)</b>   |  |
| <b>BIOL62172 Clinical and Behavioural Neuroscience</b>   |  |
| <b>BIOL62162 Cognitive and Social Neuroscience</b>   |  |

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|---|--|
| <b>Name:</b>  |  |
| <b>Period 3</b>   |  |
| <b>COMP62532 Component-based Software Development (Monday)</b>  |  |
| <b>BMAN60422 Data Analytics for Business Decision Making Part 1 (Tuesday + Wednesday)</b> (Has "Independent Study periods" available, if desired) | NOTE: May have timetable clashes !!!!!!!!!!!!!!!!!!!!!!!!!!!!! |
| <b>BMAN71652 Information and Knowledge Management Part 1 (Tuesday)</b>  |  |
| <b>COMP61332 Text Mining (Tuesday – Recommended to have COMP61011 with this!)</b>   |  |
| <b>COMP60532 Principles of Digital Biology (Thursday)</b>   |  |
| <b>MCEL63402 Essential Risk Management for Business Part 1 (Thursday)</b>   |  |
| <b>COMP60332 Automated Reasoning and Verification (Friday)</b>  |  |

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|---|-------------------|
| <b>Name:</b>  |                   |
| <b>Period 4</b>   |                   |
| <b>MCEL40042 Business Feasibility Study (Monday)</b>  | <b>COMPULSORY</b> |
| <b>BMAN60422 Data Analytics for Business Decision Making Part 2 (Tuesday + Wednesday)</b>                     |                   |
| <b>BMAN71652 Information and Knowledge Management Part 2 (Tuesday)</b>  |                   |
| <b>COMP61342 Computer Vision (Tuesday - but only if not done COMP37212 / COMP27112 as looks very similar)</b> |                   |
| <b>COMP60542 Introduction to Health Informatics (Thursday – Must have COMP60532)</b>                          |                   |
| <b>MCEL63402 Essential Risk Management for Business Part 2 (Thursday)</b>                                     |                   |