**Maynooth University Department of Mathematics and Statistics**

**Statistics modules for PhD students registered to other Departments**

**Application form**

Please complete this form and email it to mathsstats@mu.ie at least a week before the start of term of the module you are interested in.

|  |  |
| --- | --- |
| Name |  |
| Student number |  |
| Email |  |
| Phone number |  |
| Department |  |
| Research supervisor |  |
| Has your supervisor approved you taking this module? | Yes / no |
| Module(s) you with to take(see list of available modules on next page) |  |
| Details of previous courses taken in **Statistics** at Maynooth or elsewhere |  |
| Details of previous courses taken in **Mathematics** at Maynooth or elsewhere |  |
| What you hope to learn from taking a course in our department |  |

Permission to take an MT8XX module is required from the Head of the Department of Mathematics & Statistics and/or the Statistics Coordinator.

**If you are granted permission to attend an MT8XX course, the Department Office will send written permission to the Records Office to register you to the module. You should then contact the Department Office for Moodle access, tutorial and lab registration.**

**List of available modules**

These modules are undergraduate modules (with a change of assessment). The module “level” is a rough indicator of difficulty.

Please check the module descriptions in Course finder (<http://apps.maynoothuniversity.ie/courses/>) and review your module choice with **your supervisor**.

Registration to the **ST8XX** version of the module code is required.

**Specifically designed for postgraduate students without a background in Statistics:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Module code | Title | Sem | For timetable and further information on module, see | Module level |
| ST863D | Statistical Methods for Data Science | 1 | ST663 | Postgrad |

**Designed for undergraduates but may be suitable for postgraduate students depending on their prior experience**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Module code | Title | Sem | For timetable and further information on module, see | Module level |
| ST821 | Introduction to Statistics | 1 | ST221A | 1 |
| ST822 | Introduction to Statistics | 2 | ST222S | 1 |
| ST861T | Data Analysis | 1 | ST361 | 2 |
| ST864T | Design and Analysis of Experiments | 2 | ST364 | 2 |
| ST866T | Statistical Computing with R | 2 | ST366 | 2 |
| ST861 | Probability | 1 | ST461 | 3 |
| ST862 | Statistical inference | 2 | ST462 | 3 |
| ST863 | Linear Models 1 | 1 | ST463 | 3 |
| ST864 | Statistical Machine Learning | 2 | ST464 | 3 |
| ST865 | Linear Models 2 | 1 | ST465 | 3 |
| ST866 | Advanced Statistical Modelling | 2 | ST466 | 3 |