

| Code      | Course   | Quartile  |   |        |    | EC | Chair |
|-----------|--|-----------|---|--------|----|----|-------|
|           |  | 1         | 2 | 3      | 4  |    |       |
| 191561560 | Systems and Control                            | 56,<br>2N |   |        |    | 6  | HS    |
| 191560671 | Robust Control                                 |           |   | 56     |    | 5  | HS    |
| 191571200 | Hybrid Dynamical Systems                       |           |   |        | 56 | 5  | HS    |
| 191571090 | Time Series Analysis and System Identification | 56        |   |        |    | 5  | HS    |
| 201200135 | Random Signals and Filtering                   |           |   | 56     |    | 5  | HS    |
| 191571501 | Stochastic Differential Equations              |           |   | 56, 2N |    | 6  | HS    |
| 191616040 | <a href="#">Philosophy of Engineering</a>      |           | x |        | x  |    |       |
| 191506302 | Applied Functional Analysis                    | 23, 36    |   |        |    | 6  |       |
| 191531750 | Stochastic Processes                           | 23, 36    |   |        |    | 6  |       |
| 191551200 | Scientific Computing                           |           |   | 23, 36 |    | 6  |       |
| 191570401 | Measure and Probability                        | 36        |   |        |    | 6  |       |
| 191581100 | Discrete Optimization                          | 36,<br>2N |   |        |    | 6  |       |
| 191581200 | Continuous Optimization                        | 36,<br>2N |   |        |    | 6  |       |
| 191509103 | Advanced Modeling in Science                   |           |   | 2N     |    | 6  | AA    |
| 191551161 | Applied Finite Element Methods for PDE's       |           |   | 2N     |    | 6  | MACS  |
| 191531400 | Applied Statistics                             |           |   | 2N     |    | 6  |       |
| 191531870 | Queuing Theory                                 |           |   | 2N     |    | 6  | SOR   |

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|----|---|
| 23 | Choice of 2 out of 3  |
| 2N | Choice from the national courses  |
| 36 | Choice of 3 out of 6  |
| 56 | Choice of 5 out of 6, with the three courses from the chair of your choice being compulsory |