

PG Courses availability for AY2021/AY2022 Semester 2

Last Updated 13 September 2021

The final list of courses to be offered and open to Exchange/NG students are subject to changes.

| School | Course Code | Course Title | AY 2122 Semester 2 | Remarks |
|--------|-------------|--|--------------------|--|
| CEE | CV6107 | Behaviour and Design of Steel and Composite Structures | 2 | Tentative. Subject to class size availability |
| CEE | CV6108 | Analysis and Design of Tall Buildings | 2 | Tentative. Subject to class size availability |
| CEE | CV6312 | Slope Stability and Ground Improvement | 2 | Tentative. Subject to class size availability |
| CEE | CV6313 | Shallow and Deep Foundations | 2 | Tentative. Subject to class size availability |
| CEE | CV6314 | Excavation & Earth Retaining Systems | 2 | Tentative. Subject to class size availability |
| CEE | CV6422 | Statistical Methods and Applications | 2 | Tentative. Subject to class size availability |
| CEE | CV7002 | Advanced Strength of Materials | 2 | Tentative. Subject to class size availability |
| CEE | CV7003 | Advanced Engineering Mathematics | 2 | Tentative. Subject to class size availability |
| CEE | CV7501 | Membrane Science & Technology | 2 | Tentative. Subject to class size availability |
| SBS | BS7001 | Foundation Course in Molecular & Cell Biology | 2 | |
| SBS | BS7005 | Practical Course in Multidimensional NMR spectroscopy | 2 | |
| SBS | BS7016 | Bioentrepreneurship | 2 | Tentative |
| SBS | BS7019 | Fundamentals of Immunology - Concepts and Experiments | 2 | Tentative |
| SCBE | BG7002 | Molecular Biophysics | 2 | Only open during course registration period 2 depending on vacancy |
| SCBE | CH7102 | Cell Therapeutics Engineering | 2 | Only open during course registration period 2 depending on vacancy |
| SCSE | DM6121 | Human Computer Interaction | 2 | |
| SCSE | DM6103 | Virtual Reality | 2 | |
| MAE | L6102 | Procurement & Supplier Devt | 2 | Limited vacancies |
| MAE | L6003 | Corporate Resource Planning | 2 | Limited vacancies |
| MAE | M6141 | Quality Engineering | 2 | Limited vacancies |
| MAE | M6301 | Advanced Metrology and Sensing Systems | 2 | Limited vacancies |
| MAE | M6423 | Prototype and Rapid Prototyping | 2 | Limited vacancies |
| MAE | M6551 | Machine Learning and Data Science | 2 | Limited vacancies |
| MAE | M6801 | Advanced Thermal Engineering | 2 | Limited vacancies |
| MAE | M6802 | Engineering Measurements | 2 | Limited vacancies |
| MAE | M6816 | Laser Assisted Manufacturing | 2 | Limited vacancies |
| MAE | M6931 | System Reliability & Risk Analysis | 2 | Limited vacancies |
| MAE | MA6535 | Management of Global Manufacturing | 2 | Limited vacancies |
| MAE | MA7111 | Mechanics of Solids and Fracture | 2 | |
| MAE | MA7932 | Air Transportation Systems | 2 | |
| MSE | MS711M | History of Materials | 2 | |
| MSE | MS722M | Processing of Organic Materials | 2 | |
| MSE | MS733M | Electron Microscopy of materials | 2 | |
| MSE | MS714M | Properties of Materials | 2 | |
| MSE | MS734M | Crystal Chemistry of Materials | 2 | |
| MSE | MS732M | Physical analysis of materials | 2 | |
| MSE | MS6001 | Materials Evolution and Innovation | 2 | |
| SoH | HL7110 | Graduate Seminar in Contemporary Literature & Culture | 2 | |
| SoH | HL7114 | Graduate Seminar in Cultural Studies | 2 | |
| SoH | HL7205 | Graduate Seminar in Creative Writing: Place & Time | 2 | |
| SoH | HL7888 | Directed Study in Literature | 2 | |
| SPMS | PAP777 | Graduate Quantum Mechanics | 2 | |
| SPMS | PAP723 | Advanced Numerical Methods for Physicists | 2 | |
| SPMS | PAP732 | Nonlinear Optics | 2 | |
| SPMS | PAP750 | Quantum Information Theory | 2 | |
| SPMS | PAP742 | Optical Design Theory | 2 | |
| SPMS | PAP701 | Graduate Seminar Module | 2 | |
| SPMS | CBC723 | Graduate Organic Chemistry | 2 | |
| SPMS | CBC732 | Graduate Chemical Biology | 2 | |
| SPMS | CBC739 | Graduate Basic and Technical Inorganic Chemistry | 2 | |
| SPMS | CBC741 | Advanced Analytical and Spectroscopic Methods in Materials Chemistry | 2 | |
| SPMS | CBC742 | Advanced Synthetic and Physical Approaches to Materials Chemistry | 2 | |
| SPMS | MAS710 | Continuous Methods | 2 | |
| SPMS | MAS723 | Topics in Probability and Statistics I | 2 | |
| SPMS | MAS790 | Graduate Seminar – Discrete Mathematics I | 2 | |
| SPMS | MAS794 | Graduate Seminar – Pure Mathematics I | 2 | |