

| | | Or | Th | Pr | Au | Cr |
|---|---|----|----|----|-----|----|
| List of Phd courses | | | | | | |
| Life Sciences Department | | | | | | |
| SDOC0041-1 | <i>Elements of molecular neurobiology</i> - Lucien BETTENDORFF | | 15 | - | - | 3 |
| SDOC0043-1 | <i>Mass culture of algae: theory and application</i> - Fabrice FRANCK | | 15 | 15 | - | 3 |
| SDOC0045-1 | <i>Oxydative and anti-oxydant phenomena</i> - Jacques PIETTE | | 6 | - | - | 3 |
| SDOC0046-1 | <i>Genetic physiology of flowering</i> - Claire PÉRILLEUX | | 15 | - | - | 3 |
| SDOC0004-1 | <i>Production of recombinant proteins in eukaryotic systems</i> - Colette DUEZ | | 15 | - | - | 3 |
| SDOC0048-1 | <i>Protein purification</i> - Moreno GALLEN, Bernard JORIS, André MATAGNE | | 15 | - | - | 3 |
| SDOC0049-1 | <i>Cellular responses to DNA damage</i> - Yvette HABRAKEN | Q2 | 15 | - | - | 3 |
| SDOC0050-1 | <i>Biochemical toxicology</i> - Marianne FILLET | | 30 | - | - | 3 |
| SDOC0033-1 | <i>Biophysics and bioenergetics</i> - Pierre CARDOL | | 15 | - | - | 3 |
| SDOC0058-1 | <i>Secondary metabolites in plants</i> - Jacques DOMMES | | 15 | - | - | 3 |
| Chemistry Department | | | | | | |
| SDOC0010-1 | <i>Heterocyclic chemistry</i> - André LUXEN | | 10 | - | - | 3 |
| SDOC0012-1 | <i>Recent development in mass spectrometry</i> - Edwin DE PAUW | TA | 15 | - | - | 3 |
| SDOC0013-1 | <i>Chemical reaction dynamics : theoretical approaches</i> - Michèle DESOUTER, Françoise REMACLE | | 10 | - | - | 3 |
| SDOC0014-1 | <i>Dynamics of chemical reactions : experimental and theoretical approaches</i> - Michèle DESOUTER, Bernard LEYH, Françoise REMACLE | TA | 20 | - | - | 3 |
| SDOC0002-1 | <i>Information Literacy</i> | | | | | 3 |
| | - <i>Module 1 - Research and evaluation of information</i> - Caroline COLLETTE | 3 | 5 | - | | |
| | - <i>Module 2 - Information management</i> - Caroline COLLETTE | 3 | 4 | - | | |
| | - <i>Module 3 - Presentation of results</i> - Caroline COLLETTE | 2 | 3 | - | | |
| SDOC0003-1 | <i>Technological management and intellectual property</i> - Nicole ANTHEUNIS - [10h Mon. WS] | Q2 | 15 | - | [+] | 3 |
| SDOC0016-1 | <i>Molecular manipulation</i> - AnneSophie DUWEZ | | 10 | - | - | 3 |
| SDOC0017-1 | <i>Electronic and optical properties of nano quantum dot networks</i> - Françoise REMACLE | | 5 | - | - | 3 |
| SDOC0018-1 | <i>Rheology of complex liquids</i> - Guy BROZE | | 7 | - | - | 3 |
| SDOC0019-1 | <i>Mass spectrometry</i> - Edwin DE PAUW | TA | 10 | - | - | 3 |
| SDOC0057-1 | <i>In depth scientific issues</i> - COLLÉGIALITÉ | | 15 | - | - | 3 |
| Geography Department | | | | | | |
| SDOC0021-1 | <i>Seminar : rural areas and landscape</i> - Serge SCHMITZ - [16h AUTR] | | - | - | [+] | 3 |
| Geology Department | | | | | | |
| SDOC0052-1 | <i>Carbonated environments of petrology and basin analysis</i> - Frédéric BOULVAIN - [16h FW] | Q2 | 5 | 5 | [+] | 3 |
| SDOC0053-1 | <i>Quaternary sedimentary archives and paleoenvironmental reconstructions</i> - Nathalie FAGEL | | 10 | 10 | - | 3 |
| SDOC0054-1 | <i>Rock analysis using spectrometry and X-ray fluorescence</i> - Jacqueline VANDER AUWERA | | 5 | 15 | - | 3 |
| SDOC0055-1 | <i>Influence of geological risks on the environment</i> - HansBalder HAVENITH | | 10 | 5 | - | 3 |
| SDOC0056-1 | <i>Precambrian paleobiogeology</i> - Emmanuelle JAVAUX | | 10 | 10 | - | 3 |
| Maths Department | | | | | | |
| SDOC0029-1 | <i>Probability and basic statistics</i> - Pierre MATHONET | Q1 | 20 | - | - | 3 |
| SDOC0030-1 | <i>Multivariate statistics</i> - Gentiane HAESBROECK | | 20 | - | - | 3 |
| SDOC0031-1 | <i>Linear models</i> - Yvik SWAN | Q2 | 20 | - | - | 3 |
| SDOC0032-1 | <i>Analysis of time series</i> - Samuel NICOLAY | | 20 | - | - | 3 |
| Department of Astrophysics, Geography and Oceanography | | | | | | |
| SDOC0001-1 | <i>Communicating Science</i> - Yaël NAZÉ | Q2 | 10 | 10 | - | 3 |
| SDOC0007-1 | <i>Advanced quantum theory (english language)</i> - JeanRené CUDELL, Cédric LORCE | | 10 | 20 | - | 3 |
| SDOC0008-1 | <i>Advanced quantum field theory (english language)</i> - JeanRené CUDELL, Cédric LORCE | | 10 | 20 | - | 3 |
| Department of Physics | | | | | | |
| SDOC0059-1 | <i>Mesoscopic physics, introduction</i> - Cyril PETITJEAN | Q1 | 15 | - | - | 3 |
| SDOC0060-1 | <i>Spintronics and mesoscopic superconductivity</i> - Cyril PETITJEAN | Q2 | 15 | - | - | 3 |