

## List of courses offered for Erasmus students in Institute of Geological Sciences, University of Wrocław

| <b>Course/module</b>  | <b>Form of tuition<br/>and number of<br/>hours</b>   | <b>ECTS<br/>credit<br/>points</b> | <b>Semester<br/>(<i>autumn,<br/>spring</i>)</b> | <b>Proposed<br/>but not<br/>obligatory<br/>degree:<br/>(<i>master,<br/>bachelor</i>)</b> |
|---|--|-----------------------------------|---|--|
| <b>Applications of Ground<br/>Penetrating Radar<br/>(GPR)</b> | Lectures: 8 h<br>Classes: 8 h<br>Lab classes: 8 h    | 2 ECTS                            | <i>autumn,<br/>spring</i>                       | <i>master</i>  |
| <b>Applied hydrogeology<br/>- selected issues</b>             | Lectures: 24 h<br>Classes: 24 h                      | 5 ECTS                            | <i>autumn,<br/>spring</i>                       | <i>master</i>  |
| <b>Applied hydrogeology</b>                                   | Lectures: 30<br>Classes: 18<br>Lab classes: 6        | 5 ECTS                            | <i>spring</i>                                   | <i>bachelor</i>  |
| <b>Deformation of<br/>sediments and<br/>sedimentary rocks</b> | Lectures: 12 h<br>Seminar: 12 h                      | 3 ECTS                            | <i>autumn,<br/>spring</i>                       | <i>master</i>  |
| <b>Economic Geology</b>                                       | Lectures: 28 h<br>Lab classes: 39 h                  | 6 ECTS                            | <i>autumn</i>                                   | <i>bachelor</i>  |
| <b>Environmentally sound<br/>technologies</b>                 | Lectures: 20 h<br>Classes: 14 h<br>Lab classes: 14 h | 4 ECTS                            | <i>autumn,<br/>spring</i>                       | <i>master</i>  |
| <b>Exploration geophysics</b>                                 | Lectures: 24 h<br>Lab classes: 24 h                  | 5 ECTS                            | <i>autumn,<br/>spring</i>                       | <i>master</i>  |
| <b>Geodynamics -<br/>selected issues</b>                      | Lectures: 26 h                                       | 2 ECTS                            | <i>autumn,<br/>spring</i>                       | <i>master</i>  |

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| <b>Geohazards</b>   | Lectures: 28 h   | 2 ECTS | <i>autumn,<br/>spring</i> | <i>master</i>   |
| <b>Geological mapping in mining</b>                             | Lectures: 6 h<br>Lab classes: 18 h<br>Field classes: 18h | 4 ECTS | <i>autumn,<br/>spring</i> | <i>master</i>   |
| <b>Groundwater Modelling</b>                                    | Lectures: 22h<br>Lab classes: 36 h                       | 5 ECTS | <i>autumn,<br/>spring</i> | <i>master</i>   |
| <b>Methods in mineralogy, petrology and geochemistry</b>        | Lectures: 28 h<br>Lab classes: 28 h                      | 5 ECTS | <i>autumn,<br/>spring</i> | <i>master</i>   |
| <b>Principles of sedimentology</b>                              | Lectures: 24 h<br>Classes: 16 h                          | 3 ECTS | <i>spring</i>             | <i>bachelor</i> |
| <b>Principles of structural geology</b>                         | Lectures: 24 h<br>Classes: 24 h                          | 4 ECTS | <i>spring</i>             | <i>bachelor</i> |
| <b>Principles of tectonics</b>                                  | Lectures: 26 h   | 2 ECTS | <i>autumn</i>             | <i>bachelor</i> |
| <b>Prospecting and evaluation of mineral reserves</b>           | Lectures: 28 h<br>Lab classes: 44 h                      | 5 ECTS | <i>autumn,<br/>spring</i> | <i>master</i>   |
| <b>Regional geology of Poland and Europe</b>                    | Lectures: 33 h   | 3 ECTS | <i>spring</i>             | <i>bachelor</i> |
| <b>Sedimentary processes, environments and basins (SPEB)</b>    | Lectures: 30 h<br>Classes: 18 h                          | 4 ECTS | <i>autumn,<br/>spring</i> | <i>master</i>   |
| <b>Selected Problems of Economic Geology</b>                    | Lectures: 28 h   | 2 ECTS | <i>autumn,<br/>spring</i> | <i>master</i>   |
| <b>Structural analysis</b>                                      | Lectures: 20 h<br>Classes: 20 h                          | 4 ECTS | <i>autumn,<br/>spring</i> | <i>master</i>   |
| <b>Trace fossils and their palaeoenvironmental significance</b> | Lectures: 28 h   | 2 ECTS | <i>autumn,<br/>spring</i> | <i>master</i>   |