| Title of Course          |  | Special Foundation Work - project |             |              |
|--------------------------|--|-----------------------------------|-------------|--------------|
| Semester                 |  | Autumn/Spring                     |             |              |
| Teaching                 |  | Total                             | - Lectures: | - Tutorials: |
| <b>Hours per Course:</b> |  | 30h                               | -           | 30h          |
| ECTS Credits             |  | 1,5 ECTS                          |             |              |
| The content of education |  |                                   |             |              |
|                          | The aim of this subject is for students to receive skills of designing: slab-<br>angle retaining walls, deep excavation's lining (sheet pile walls and<br>diaphragm walls) and foundation on piles with complex loads system.  |                                   |             |              |
| Program                  | P1 - Designing slab-angle retaining wall. P2 - Designing sheet pile wall grounded. P3 - Designing diaphragm wall supported inside the ground that is once anchored on the top part, calculating ground's anchor. P4 - Designing foundation on piles with complex loads system. |                                   |             |              |
| Conditions of completion | The conditions for passing the subject are to properly execute 4 projects and to pass 4 tests consisting of those projects. Apart from classes the students can consult with the teachers during the consult hours in previously agreed terms.                                 |                                   |             |              |
| Teacher                  | Stanisława Garwacka-Piórkowska, PhD.<br>Małgorzata Brych-Dobrowolska MSc.  |                                   |             |              |