

MODULE SPECIFICATION

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| Module code | |
| Module title in Polish | Praktyki zawodowe |
| Module title in English | Professional Practice |
| Module running from the academic year | 2016/2017 |

A. MODULE IN THE CONTEXT OF THE PROGRAMME OF STUDY

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|---|---|
| Field of study | Civil Engineering |
| Level of qualification | First cycle <i>(first cycle, second cycle)</i> |
| Studies profile | Academic <i>(academic/practical)</i> |
| Mode of study | Full-time <i>(full-time / part-time)</i> |
| Specialism | |
| Organisational unit responsible for module delivery | The Department of Civil Engineering and Architecture |
| Module co-ordinator | |
| Approved by | Marek Iwański, Professor |

B. MODULE OVERVIEW

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| Module type | Core module <i>(core/programme-specific/elective HES*)</i> |
| Module status | Compulsory module <i>(compulsory / non-compulsory)</i> |
| Language of module delivery | English |
| Semester in the programme of study in which the module is taught | Semester 6 |
| Semester in the academic year in which the module is taught | Summer semester <i>(winter / summer)</i> |
| Pre-requisites | None <i>(module code/module title, where appropriate)</i> |
| Examination required | No <i>(yes / no)</i> |
| ECTS credits | 6 |

| Mode of instruction | lectures | classes | laboratories | project | others |
|---------------------------------|----------|---------|--------------|---------|------------|
| Total hours per semester | | | | | 200 |

* elective HES – elective modules in the Humanities and Economic and Social Sciences

C. LEARNING OUTCOMES AND ASSESSMENT METHODS

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| Module aims | The aim of the module is to familiarise students with: the specificity of internship with respect to running a constructional enterprise and the realisation of constructional investments; organisation of construction site and the course; familiarising students with the specificity of work of engineering and technical personnel at a construction site; the details of realising building works, i.e. renovation and earthworks; acquiring practical experience connected with the studied subject. |
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| Module outcome code | Module learning outcomes | Mode of instruction (l/c/lab/p/ others) | Corresponding programme outcome code | Corresponding discipline-specific outcome code |
|---------------------|--|---|--|---|
| W_01 | A student knows the conditions of the activity concerning constructional enterprises. | other | B_W08 B_W16 B_W20 | T1A_W02 T1A_W03 T1A_W07 T1A_W08 T1A_W09 T1A_W11 |
| W_02 | A student is familiar with the design process and the specificity of the realisation of building objects. | other | B_W05 B_W09 B_W10 B_W12 B_W13 B_W14 B_W17 B_W18 B_W21 | T1A_W01 T1A_W02 T1A_W03 T1A_W05 T1A_W06 T1A_W07 T1A_W08 |
| U_01 | A student is able to design, realise, renovate, and supervise building works. | other | B_U03 B_U07 B_U12 B_U13 B_U14 B_U18 B_U19 B_U20 B_U21 B_U25 | T1A_U01 T1A_U03 T1A_U04 T1A_U05 T1A_U06 T1A_U07 T1A_U08 T1A_U09 T1A_U10 T1A_U11 T1A_U12 T1A_U13 T1A_U14 T1A_U15 T1A_U16 |
| U_02 | A student can conduct surveys, geotechnical and hydrogeological examinations; a student can also participate in the works of university units. | other | B_U04 B_U05 B_U06 B_U16 B_U17 B_U21 | T1A_U01 T1A_U03 T1A_U04 T1A_U05 T1A_U06 T1A_U07 T1A_U08 T1A_U09 T1A_U10 T1A_U11 T1A_U12 T1A_U13 T1A_U14 T1A_U15 T1A_U16 |

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|------|---|-------|-------|-------------------------------|
| K_01 | A student understands the responsibility of his/her professional responsibility during the realisation of building objects. | other | B_K02 | T1A_K01 T1A_K03 T1A_K04 |
|------|---|-------|-------|-------------------------------|

Module content:

1. Topics to be covered in the lectures

| No. | Topics | Module outcome code |
|-----|--------|---------------------|
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2. Topics to be covered in the classes

| No. | Topics | Module outcome code |
|-----|--------|---------------------|
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3. Topics to be covered in the laboratories

4. Topics to be covered in the projects

| Project number | Topics | Module outcome code |
|----------------|--------|---------------------|
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Teaching contents as regards other classes

The scope of works realised during the internship should be adapted to the profile and activity type of the enterprise (a construction site, a work place, a research institute, and local government unit) and ought to cover the issues listed below:

| No. | Topics | Module outcome code |
|-----|--|---------------------|
| 1 | OHS training. | W_01 K_01 |
| 2 | Familiarising students with the scope of work place activity. | W_01 K_01 |
| 3 | Familiarising students with the procedures of work place functioning, ISO quality norms, audit, etc. | W_01 K_01 |
| 4 | Acquainting students with the design process. | W_02 |

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|----|--|----------------------|
| | | K_01 |
| 5 | Acquainting students with new technologies applied at a work place. | W_02 K_01 |
| 6 | Familiarising students with the current state of a construction site, the advancement of works as well as the positioning of erected and auxiliary objects. | W_02 K_01 |
| 7 | Acquainting students with the organisation of work at a work place and the duties of technical and administrative personnel (engineer's, foreman's, warehouseman's, and supervising inspector's). | W_02 K_01 |
| 8 | Acquainting students with complete technical documentation of objects (drawing particular attention to object documentation, i.e. construction site log, quantity survey report, attendance control, and warehouse documents). | W_02 K_01 |
| 9 | Acquainting students with the technology of realised works at a construction site. | W_02 K_01 |
| 10 | The participation in current activity of a work place (active participation in the investment process), i.e. the preparation, design, and realisation process; in the process of construction supervision, in the management process and plant marketing). | W_02 K_01 |
| 11 | Participation in the design process of the investment. | W_02 U_01 K_01 |
| 12 | Participation in the realisation process of an investment at a construction site. | W_02 U_01 K_01 |
| 13 | Participation in the process of investment supervision. | W_02 U_01 K_01 |
| 14 | Participation in the investment renovation process. | W_02 U_01 K_01 |
| 15 | Participation on the conservation process of an engineering or a historical process. | W_02 U_01 K_01 |
| 16 | Playing the role of an assistant to a foreman, engineer, construction site manager, and a specialist. | U_01 K_01 |
| 17 | Participation in surveying, geotechnical and hydrogeological examinations. | W_02 U_02 K_01 |
| 18 | Participation in specialist courses. | W_02 K_01 |
| 19 | Participation in the works of university units (e.g. technical works, examinations, the construction of didactic stands, etc.). | W_02 U_02 K_01 |

Students' internship terminates with a paper and a report confirmed by a working place.

Assessment methods

| Module outcome code | Assessment methods <i>(Method of assessment; for module skills – reference to specific project, laboratory and similar tasks)</i> |
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| W_01 | Submitting a report on the completed internship which is confirmed by the employer. |

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| W_02 | Submitting a report on the completed internship which is confirmed by the employer. |
| U_01 | Submitting a report on the completed internship which is confirmed by the employer. |
| U_02 | Submitting a report on the completed internship which is confirmed by the employer. |
| K_01 | Submitting a report on the completed internship which is confirmed by the employer. |

C. STUDENT LEARNING ACTIVITIES

| ECTS summary | | |
|--------------|---|------------------------------|
| | Type of learning activity | Study time/ credits |
| 1 | Contact hours: participation in lectures | |
| 2 | Contact hours: participation in classes | |
| 3 | Contact hours: participation in laboratories | |
| 4 | Contact hours: attendance at office hours (2-3 appointments per semester) | |
| 5 | Contact hours: participation in project-based classes | |
| 6 | Contact hours: meetings with a project module leader | |
| 7 | Contact hours: attendance at an examination | |
| 8 | | |
| 9 | Number of contact hours | <i>(total)</i> |
| 10 | Number of ECTS credits for contact hours <i>(1 ECTS credit =25-30 hours of study time)</i> | |
| 11 | Private study hours: background reading for lectures | |
| 12 | Private study hours: preparation for classes | |
| 13 | Private study hours: preparation for tests | |
| 14 | Private study hours: preparation for laboratories | |
| 15 | Private study hours: writing reports | |
| 16 | Private study hours: preparation for a final test in laboratories | |
| 17 | Private study hours: preparation of a project/a design specification | |
| 18 | Private study hours: preparation for an examination | |
| 19 | Preparing questionnaires | 200 |
| 20 | Number of private study hours | 200 <i>(total)</i> |
| 21 | Number of ECTS credits for private study hours <i>(1 ECTS credit =25-30 hours of study time)</i> | 8 |
| 22 | Total study time | 200 |
| 23 | Total ECTS credits for the module <i>(1 ECTS credit =25-30 hours of study time)</i> | 8 |
| 24 | Number of practice-based hours <i>Total practice-based hours</i> | 200 |
| 25 | Number of ECTS credits for practice-based hours <i>(1 ECTS credit =25-30 hours of study time)</i> | 8 |