## MODULE SPECIFICATION

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| Module code | |
| Module title in Polish | **Historia budowy miast** |
| Module title in English | **History of Town Planning** |
| 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**<br>*(first cycle, second cycle)* |
| Studies profile | **Academic**<br>(*academic/practical)* |
| Mode of study | **Full-time**<br>*(full-time / part-time)* |
| Specialism | |
| Organisational unit responsible for module delivery | The Department of Architecture and Town Planning |
| Module co-ordinator | **Elżbieta Szot-Radziszewska, PhD** |
| Approved by | **Marek Iwański, Professor** |

## B. MODULE OVERVIEW

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| Module type | **Elective HES**<br>(*core/programme-specific/elective HES*)* |
| Module status | **Compulsory module**<br>*(compulsory / non-compulsory)* |
| Language of module delivery | **English** |
| Semester in the programme of study in which the module is taught | **Semester 2** |
| Semester in the academic year in which the module is taught | **Summer semester**<br>*(winter / summer)* |
| Pre-requisites | **None**<br>(*module code/module title, where appropriate)* |
| Examination required | **No**<br>*(yes / no)* |
| ECTS credits | **2** |

| **Mode of instruction** | **lectures** | **classes** | **laboratories** | **project** | **others** |
|---|---|---|---|---|---|
| **Total hours per semester** | **30** | | | | |

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

## C. LEARNING OUTCOMES AND ASSESSMENT METHODS

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| **Module aims** | Students become acquainted with the history of town planning; their planning in connection with the climate, environment, land configuration; transformation in ancient and medieval architecture as a result of changes in the attitude and culture (as well as generating new constructional technologies). The characteristics of the types of cities, their history and changes in the development plan (drawing attention to the cause and effect relationship), the introduced changes and transformations. |

| 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 has basic knowledge on the principles of development and history of ancient cities (Mesopotamia, Ancient Egypt, Cretan, Minoan, Ancient Greek and Roman civilisation together with the history of European and Polish cities from the Middle Ages to the 19$^{th}$ century). | l | B_W20 | T1A_W02 |
| U_01 | A student is able to analyse the history of cities development, their planning in connection with religion, economy, the structure of authorities, and the environment. Moreover, a student can discuss the types of cities, their history, and changes in the development plan (drawing attention to cause and effect relationship of the implemented transformations). | l | B_U29 | T1A_U01<br>T1A_U03<br>T1A_U04<br>T1A_U05<br>T1A_U06<br>T1A_U07<br>T1A_U10 |
| K_01 | Shaping patriotic and citizen-oriented attitudes (together with stimulating interest in the tradition and history of civilization). Understanding the genesis, imagery, and history of cities contributes to increasing students' intellectual level. | l | B_K03<br>B_K08 | T1A_K01<br>T1A_K02<br>T1A_K05<br>T1A_K06 |

## Module content:

1. Topics to be covered in the lectures

| No. | Topics | Module outcome code |
|---|---|---|
| 1-2 | The history of construction of Ancient Egypt cities (canons in architecture; from a Mastabah to a pyramid; plans of cities and districts, e.g. Memphis, Thebes, Alexandria, Amarna, and El-Lahun; great temple assumptions, e.g. in Karnak and Abu Simbel; the impact of the environment, economy, the structure of the authorities, and religion on the form and development of cities. | W_01<br>U_01<br>K_01 |
| 3-4 | The history of Mesopotamian cities (El Quaramel, the culture of Jarmo, Samarra, Ubaid, and Uruk; the history and spatial planning; social structure of Sumer (ziggurats and temples, e.g. in Ur and Uruk), Babylon, and Assyria (Assyrian palaces in Nimrud, Niniveh, Chorsabad, and Assur); house plans; inventions as regards, among other things, construction and melioration (city fortifications). | W_01<br>U_01<br>K_01 |
| 5-6 | The history of Mesopotamian cities, cont. Persian architectures (the remains of palace and temple assumptions in Suz, Pasargadach and Persepolis; the achievements as regards the development of sciences (astronomy, mathematics, and engineering). | W_01<br>U_01<br>K_01 |
| 7 | Comparing the history of ancient cities of Egypt and Mesopotamia; vertical and horizontal structure of cities; the elements of spatial structure, holy city centre, transport systems. | W_01<br>U_01<br>K_01 |
| 8-9 | The history and structure of the cities as regards Cretan and Minoan culture; | W_01 |

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|---|---|---|
| | Mycenaean citadels. | U_01<br>K_01 |
| 10-12 | The phenomenon of *polis* in Ancient Greece (Athens) – from Acropolis as a fortification to the temple hill; Hippodamus of Miletus. | W_01<br>U_01<br>K_01 |
| 13-16 | The specificity of the cities of the Roman Empire. Ancient Rome (plans and city development): achievements concerning architecture; basilicas, thermal springs, triumphal arches, amphitheatres, circuses, aqueducts, and roads. The history of the cities of the Empire (Pompeii). | W_01<br>U_01<br>K_01 |
| 17-18 | The beginnings of Christianity, Byzantine cities; the processes of medieval urbanisation in Europe (introduction). | W_01<br>U_01<br>K_01 |
| 19-20 | The history of medieval cities of Europe (Italy, France, and Germany). | W_01<br>U_01<br>K_01 |
| 21-22 | The birth of cities on the Polish land (refugee cities, watchtower cities, castellan cities, settlement outside city walls, palatia, and market squares. City types. | W_01<br>U_01<br>K_01 |
| 23-26 | The locations of the oldest Polish cities: the birth of the bourgeoisie; Romanesque architecture and art in Poland; market squares, main market as the genesis of Polish cities. | W_01<br>U_01<br>K_01 |
| 27-28 | 17th century fortifications (*Palazzo in fortezza)*; 18th century – residential architecture (palaces). | W_01<br>U_01<br>K_01 |
| 29 | Cities by water. | W_01<br>U_01<br>K_01 |
| 30 | A city in relation to a hill and green area. | W_01<br>U_01<br>K_01 |

2. Topics to be covered in the classes
3. Topics to be covered in the laboratories
4. Topics to be covered in the projects

## Assessment methods

| Module outcome code | **Assessment methods**<br>*(Method of assessment; for module skills − reference to specific project, laboratory and similar tasks)* |
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| W_01 | A discussion and assessing a student's individual work |
| U_01 | A discussion and assessing a student's individual work |
| K_01 | Observing a student's involvement during the classes, a discussion during the lectures, writing a paper based on the thematic scope of the lectures. |

## C. STUDENT LEARNING ACTIVITIES

| **ECTS summary** | | |
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| | **Type of learning activity** | **Study time/ credits** |
| 1 | Contact hours: participation in lectures | **30** |

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|---|---|---|
| 2 | Contact hours: participation in classes | |
| 3 | Contact hours: participation in laboratories | |
| 4 | Contact hours: attendance at office hours (2-3 appointments per semester) | **2** |
| 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** | **32** *(total)* |
| 10 | **Number of ECTS credits for contact hours** *(1 ECTS credit =25-30 hours of study time)* | **1.3** |
| 11 | Private study hours: background reading for lectures | **2** |
| 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 | **16** |
| 18 | Private study hours: preparation for an examination | |
| 19 | | |
| 20 | **Number of private study hours** | **18** *(total)* |
| 21 | **Number of ECTS credits for private study hours** *(1 ECTS credit =25-30 hours of study time)* | **0.7** |
| 22 | **Total study time** | **50** |
| 23 | **Total ECTS credits for the module** *(1 ECTS credit =25-30 hours of study time)* | **2** |
| 24 | **Number of practice-based hours** *Total practice-based hours* | **18** |
| 25 | **Number of ECTS credits for practice-based hours** *(1 ECTS credit =25-30 hours of study time)* | **0.7** |