

## COURSE DESCRIPTION CARD

The name of the course/module <b>RESEARCH-PROJECT DESIGN STUDIO</b>		Code <b>A_S_2.3_001</b>
Main field of study <b>ARCHITECTURE</b>		Educational profile (general academic, practical) <b>general academic</b>
Specialization <b>-</b>		Year / term <b>II/3</b>
Hours Lectures: -    Classes: -    Laboratory classes: <b>60</b> Projects / seminars: -		Language of course: <b>Polish/english</b>
Level of qualification: <b>II</b>		Course (core, elective) <b>elective</b>
Form of studies (full-time studies/part-time studies) <b>Full-time studies</b>	Educational area(s) <b>Technical Sciences</b>	Number of points <b>5</b>
ECTS division (number and %) <b>5 100%</b>		
Course status in the studies' program (basic, directional, other) <b>technical</b>		(general academic, from a different major) <b>general academic</b>
<p>Lecturer responsible for the course:</p> <p><b>prof. dr hab. inż. arch. Wojciech Bonenberg</b>  e-mail: wojciech.bonenberg@put.poznan.pl  Wydział Architektury Politechniki Poznańskiej  ul. Nieszawska 21 c, 60-021 Poznań  tel. 061 665 32 82</p>		
<b>Prerequisites defined in terms of knowledge, skills, social competences:</b>		
1	<b>Knowledge:</b>	<ul style="list-style-type: none"> <li>▪ student has explicit, theoretically based knowledge including the key issues of the world and Polish history of architecture and urban planning, as well as the history of contemporary architecture,</li> <li>▪ student has basic knowledge on modern trends in history of architecture and urban planning,</li> <li>▪ student knows the basic methods, techniques, tools and materials used at architect work,</li> <li>▪ student knows and understands basic terms and principles related to copyright and the need for management of intellectual property resources,</li> <li>▪ student has knowledge required for the understanding of social, economic, legal and other determinants outside the engineering field of the architect activities as well as their inclusion in architect practice,</li> </ul>
2	<b>Skills:</b>	<ul style="list-style-type: none"> <li>▪ student can acquire information from field specific literature, data bases and other properly selected sources in Polish and English, can integrate the acquired information, interpret the said information, as well as draw conclusions and come up with opinions supported with satisfactory reasons,</li> <li>▪ student can communicate using different techniques, including using the manual architectural drawing, in the professional environment and in other environments, also in English,</li> <li>▪ student can prepare and present oral presentations related to detailed issues using professional vocabulary from the scope of architecture and urban planning, constructions, functional determinants and forms,</li> <li>▪ student can specify the directions of further education and can undertake the self-education process,</li> <li>▪ student can use IT techniques respectively to the performance of tasks typical for architect, including architectural drawing,</li> </ul>
3	<b>Social competences:</b>	<ul style="list-style-type: none"> <li>▪ student understands the need for lifelong learning; can inspire and organize process of learning other people,</li> <li>▪ student can work and cooperate in a team, assuming a number of different roles therein,</li> <li>▪ student can think and act in an entrepreneurial and creative manner.</li> </ul>
<p><b>Objective of the course:</b></p> <ul style="list-style-type: none"> <li>• The aim is implementation by students of the last semester of second-cycle studies, individual researches,</li> </ul>		

developing knowledge on issue of known by student diploma thesis topic. <ul style="list-style-type: none"> <li>• Topics of elaborations may have expanding nature or detailing nature, allowing for individual development of research topic wider than in the diploma thesis.</li> <li>• Final elaboration is formatted in way which was determined by the teacher.</li> <li>• Developed research material is presented in the group as a multimedia presentation, what requires the ability to selection of material. Students' speeches, time-limited, impose self-discipline. This is preparation to diploma presentation and further professional speeches.</li> <li>• Discussion after presentation is aimed at extraction of inadequacies and advantages of work.</li> <li>• During classes occurs cooperation within the group and exchange of collected materials and skill sharing.</li> </ul>		
<b>Learning outcomes</b>		
<b>Knowledge:</b>		
W01	Student has detailed knowledge of architectural designing in the inter-disciplinary meaning, with the account for cultural context, and for private, semi-private and public space;	<b>AU2_W06</b>
W02	Student has detailed knowledge connected with architectural designing, town planning and spatial planning.	<b>AU2_W17</b>
<b>Skills:</b>		
U01	Student can prepare scientific elaborations in Polish and English, presenting his/her own research results and design decisions in the field of architecture and town planning;	<b>AU2_U02</b>
U02	Student can specify the directions of further education and can undertake the self-education process;	<b>AU2_U03</b>
U03	Student can assess the usefulness of the new scientific and research achievements and apply them in the field of architecture and town planning.	<b>AU2_U10</b>
<b>Social competences:</b>		
K01	student can work on a task, comprising many different problems, in a responsible manner, individually and in a team;	<b>AU2_K01</b>
K02	Student at the execution of an organisational task, he/she can think and act in a creative and entrepreneurial way.	<b>AU2_K02</b>
K03	<b>Student</b> can respectively determine priorities for the execution of goals set by himself/herself or by others; is fully aware of the importance of professional conduct.	<b>AU2_K07</b>
<b>The evaluation methods:</b>		
Assessment method of implemented task depends on its type: <b>Formative assessment:</b> <ol style="list-style-type: none"> <li>1. There is evaluated essential share of each student in group researches.</li> <li>2. There is evaluated the quality of final work.</li> <li>3. There is evaluated the presentation quality of research results in the group.</li> <li>4. Absence (unjustified) at over three classes causes reduce of final grade.</li> </ol> Final grading scale: 2,0; 3,0; 3,5; 4,0; 4,5; 5,0. <b>Summative assessment:</b> <ul style="list-style-type: none"> <li>▪ Final assessment is an average of above notes.</li> </ul> Final grading scale: 2,0; 3,0; 3,5; 4,0; 4,5; 5,0. <b>Positive grade for module depends on achieved by student all learning outcomes specified in the syllabus.</b>		
<b>Course contents</b>		
<ol style="list-style-type: none"> <li>1. Discussion of main topic and division into subtopics. Sharing the basic literature, bibliography, issuance maps and plans.</li> <li>2. Consultations, discussions, solving individual problems, determination of basic features' catalogue. Variants for individual topics. Sequence of work for individual groups.</li> <li>3. Consultations, discussions, solving individual problems, determine the form of work, presentation. Sequence of work for individual groups.</li> <li>4. Consultations, discussions, solving individual problems.</li> <li>5. Consultations, discussions, solving individual problems.</li> <li>6. Consultations, discussions, solving individual problems.</li> <li>7. Consultations, development of "osculation points" of topics developed by research groups.</li> <li>8. Consultations, development of "osculation points" of topics developed by research groups.</li> <li>9. Development of common written/drawing form of research results.</li> <li>10. Development of common written/drawing form of research results.</li> <li>11. Presentation of research results.</li> </ol>		

