

POLITECHNIKA KRAKOWSKA IM. TADEUSZA KOŚCIUSZKI

KARTA PRZEDMIOTU

obowiązuje studentów rozpoczynających studia w roku akademickim 2019/2020

Wydział Architektury

Kierunek studiów: Architektura

Profil: Ogólnoakademicki

Forma studiów: stacjonarne

Kod kierunku: AiU

Stopień studiów: II

Specjalności: Master Degree in Architecture in English

1 INFORMACJE O PRZEDMIOCIE

| | |
|---|--------------------------------------|
| NAZWA PRZEDMIOTU | II-E-1 Diploma Design T. Kusionowicz |
| NAZWA PRZEDMIOTU W JĘZYKU ANGIELSKIM | II-E-1 Diploma Design T. Kusionowicz |
| KOD PRZEDMIOTU | WA AU oIIS E30 19/20 |
| KATEGORIA PRZEDMIOTU | Przedmioty dyplomowe |
| LICZBA PUNKTÓW ECTS | 20.00 |
| SEMESTRY | 3 |

2 RODZAJ ZAJĘĆ, LICZBA GODZIN W PLANIE STUDIÓW

| SEMESTR | WYKŁADY | ĆWICZENIA | SEMINARIA | LABORATORIA | PROJEKTY | PRAKTYKI |
|---------|---------|-----------|-----------|-------------|----------|----------|
| 3 | 0 | 0 | 0 | 0 | 10 | 0 |

3 CELE PRZEDMIOTU

Cel 1 Improvement and presentation of the ability to independently solve the project problem by the student, using the principles and design methods learned, in accordance with the applicable standards for the development of diploma projects.

Cel 2 Checking the student's preparation in the area of knowledge, skills and competences to undertake the professional activity of the architect and to undertake third-degree studies.

4 WYMAGANIA WSTĘPNE W ZAKRESIE WIEDZY, UMIEJĘTNOŚCI I INNYCH KOMPETENCJI

1 passing all of design subjects

5 EFEKTY KSZTAŁCENIA

EK1 Umiejętności The student is able to carry out the analysis of the space adequate to the design task, taking into account the cultural, natural and technical context and the demonstration of all conflicts and threats, and based on the analysis he can articulate the problems necessary to solve.

EK2 Umiejętności The student can determine the conditions for the utility program and the spatial form of the designed object, development team or city in accordance with the conclusions resulting from the conducted analysis. The student can propose directions and methods to reduce or eliminate existing conflicts, applying applicable law and using appropriate technical and material solutions.

EK3 Umiejętności The student is able to consciously use the principles and methods of shaping space, demonstrating knowledge of the existing theoretical understanding of the formal, cultural and functional relationships and taking into account the need for environmental protection and sustainable development.

EK4 Umiejętności The student is able to present the project in the appropriate scope, graphic and descriptive form and knows similar solutions

EK5 Kompetencje społeczne The student is aware of the level of his knowledge and skills as well as the ethics and responsibility of the architect profession, as well as knows the scope of necessary implementation activities and the necessity

6 TREŚCI PROGRAMOWE

| PROJEKTY | | |
|----------|--|------------------|
| LP | TEMATYKA ZAJĘĆ OPIS SZCZEGÓŁOWY BLOKÓW TEMATYCZNYCH | LICZBA GODZIN |
| P1 | according to the Regulations of Studies at the Cracow University of Technology, Faculty Regulations | 10 |

7 NARZĘDZIA DYDAKTYCZNE

N1 design exercises

8 OBCIĄŻENIE PRACĄ STUDENTA

| FORMA AKTYWNOŚCI | ŚREDNIA LICZBA GODZIN NA ZREALIZOWANIE AKTYWNOŚCI |
|--|---|
| Godziny kontaktowe z nauczycielem akademickim, w tym: | |
| Godziny wynikające z planu studiów | 10 |
| Konsultacje przedmiotowe | 130 |
| Egzaminy i zaliczenia w sesji | 15 |
| Godziny bez udziału nauczyciela akademickiego wynikające z nakładu pracy studenta, w tym: | |
| Przygotowanie się do zajęć, w tym studiowanie zalecanej literatury | 230 |
| Opracowanie wyników | 155 |
| Przygotowanie raportu, projektu, prezentacji, dyskusji | 60 |
| SUMARYCZNA LICZBA GODZIN DLA PRZEDMIOTU WYNIKAJĄCA Z CAŁEGO NAKŁADU PRACY STUDENTA | 600 |
| SUMARYCZNA LICZBA PUNKTÓW ECTS DLA PRZEDMIOTU | 20.00 |

9 SPOSOBY OCENY

OCENA FORMUJĄCA

F1 individual project

OCENA PODSUMOWUJĄCA

P1 project

OCENA AKTYWNOŚCI BEZ UDZIAŁU NAUCZYCIELA

B1 individual project

KRYTERIA OCENY

| EFEKT KSZTAŁCENIA 1 | |
|---------------------|---|
| NA OCENĘ 2.0 | The student makes basic methodological mistakes and is unable to carry out a space analysis adequate to the design task or does not take into account the cultural, natural or technical context. The student can not show conflicts or threats, or the student can not articulate the problems necessary to solve. |

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|---------------------|--|
| NA OCENĘ 3.0 | <p>The student presents the correct methodological basis and is able to carry out the analysis of the space adequate to the design task, taking into account the cultural, natural and technical context and demonstrating any conflicts and threats, and based on the analyzes he can articulate the problems necessary to solve. The student understands the basic relationships between elements of land development and the nearest spatial context, to a sufficient extent interprets the guidelines of the construction law and the local development plan.</p> |
| NA OCENĘ 3.5 | <p>The student presents the correct methodological basis and can perform the analysis of the space adequate to the design task, taking into account the cultural, natural and technical context and demonstrating all conflicts and threats, and based on the analysis can articulate the problems necessary to solve. The student understands the relationship between the elements of land development of the assigned project task and the nearest spatial context, knows and understands the basic principles of urban composition, to a sufficient extent interprets the guidelines of the construction law and the local development plan.</p> |
| NA OCENĘ 4.0 | <p>The student presents the correct methodological basis and can carry out a reliable analysis of the space adequate to the design task, taking into account the cultural, natural and technical context and demonstrating any conflicts and threats, and based on the analysis he can articulate the problems necessary to solve. The student understands the relationship between the elements of land development of a given project task, is able to draw conclusions from its compositional and communication conditions; knows and understands the basic principles of urban composition and can actually apply them in his own composition, correctly applies technical conditions and correctly interprets the spatial plan</p> |
| NA OCENĘ 4.5 | <p>The student applies deepened methodologies and is able to conduct a reliable analysis of the space adequate to the design task, taking into account the cultural, natural and technical context and demonstrating any conflicts and threats, and based on the analyzes he can articulate the problems necessary to solve. The student understands the relationship between the elements of land development of a given project task, is able to draw conclusions from its compositional and communication conditions; knows and understands the basic principles of urban composition and can apply them creatively in his own composition, - correctly applies technical conditions and correctly interprets the spatial plan. The entire development project demonstrates above average knowledge, interest and quality of proprietary design solutions.</p> |
| NA OCENĘ 5.0 | <p>The student uses deepened methodologies and is able to carry out a thorough analysis of the space adequate to the design task, taking into account the cultural, natural and technical context and demonstrating any conflicts and threats, and based on the analyzes he can articulate the problems necessary to solve. The student perfectly understands the relationship between elements of land development of the given development team, he is able to draw conclusions from his compositional and communication conditions; knows and understands the basic principles of urban composition and can apply them creatively in his own composition, creating an original spatial shape, very well applies technical conditions and correctly interprets the spatial plan. The entire development plan demonstrates outstanding knowledge, interest and quality of proprietary design solutions.</p> |
| EFEKT KSZTALCENIA 2 | |

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| NA OCENĘ 2.0 | The student can not formulate a functional program. The student does not understand the relationship between the elements of the functional program, does not take into account the guidelines of construction law, construction standards and technical conditions, does not know the basic principles of programming the functions of the building. |
| NA OCENĘ 3.0 | The student is able to formulate a functional program independently, and the spatial concept and proposed technical and material solutions retain a correct relationship with functional guidelines. Student designs in accordance with the applicable law, knows the basic principles of programming functions. |
| NA OCENĘ 3.5 | The student is able to formulate a functional program independently, and the spatial concept and proposed technical and material solutions retain a correct relationship with functional guidelines. The student understands the basic relationships between the elements of the functional structure of the building or building complex. Student designs in accordance with the construction law, technical conditions and local plan and building standards, knows the basic principles of programming functions. |
| NA OCENĘ 4.0 | The student is able to: formulate and discuss the program and spatial guidelines of the project design and to propose appropriate technical and material solutions for its implementation. Student designs in accordance with construction law, technical conditions and local plan and building standards. |
| NA OCENĘ 4.5 | The student can independently formulate and discuss the program and spatial guidelines of the project design and propose appropriate technical solutions for its implementation. The student very well analyzes and interprets similar examples of functional systems and in a creative, independent manner introduces them into the scope of the functional program of the building or building complex. The designed functional system is harmoniously connected with the spatial layout. Student designs in accordance with construction law, technical conditions and local plan and building standards. |
| NA OCENĘ 5.0 | The student can independently formulate and discuss the program and spatial guidelines of the project design and propose appropriate technical solutions for its implementation. Such a concept is a materialization of a coherent vision that brings original values. The student designs in accordance with the applicable building law, technical conditions, and norms of the spatial plan. Relations between particular elements are designed correctly and visible, creative way. The student very well analyzes and interprets similar examples of functional systems and in a creative, independent manner introduces them into the scope of the functional program of the building or building complex. The designed functional system is harmoniously connected with the spatial layout. The student demonstrates creative initiatives proposing unconventional and at the same time correct in terms of functional solutions. |
| EFEKT KSZTAŁCENIA 3 | |
| NA OCENĘ 2.0 | The student is not able to consciously use the principles and methods of shaping space, or does not show knowledge of the theoretical arrangements or understanding of formal, cultural and functional relationships; does not take into account the need to protect the environment and sustainable development. |

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| NA OCENĘ 3.0 | The student is able to consciously use the principles and methods of shaping space, demonstrating knowledge of the existing theoretical understanding of the formal, cultural and functional relationships and taking into account the need for environmental protection and sustainable development. |
| NA OCENĘ 3.5 | The student is able to consciously use the principles and methods of shaping space, the student can create spatial compositions showing knowledge of the theoretical assumptions understanding of formal, cultural and functional relationships and taking into account the need for environmental protection and sustainable development. |
| NA OCENĘ 4.0 | The student is able to consciously use the principles and methods of shaping space, the student can create an original spatial composition demonstrating knowledge of the theoretical understanding of the formal, cultural and functional relationships and taking into account the need for environmental protection and sustainable development. |
| NA OCENĘ 4.5 | The student creatively uses the principles and methods of shaping space in design, defining his contribution to the project. The student is able to create original spatial compositions demonstrating knowledge of the theoretical assumptions, understanding formal, cultural and functional relationships and taking into account the need for environmental protection and sustainable development. |
| NA OCENĘ 5.0 | The student creatively uses the principles and methods of shaping space in design, defining his contribution to the project. The student is able to create a characteristic spatial composition in a harmonious and original way, demonstrating knowledge of the theoretical assumptions, understanding formal, cultural and functional relationships, and taking into account the need for environmental protection and sustainable development. |
| EFEKT KSZTAŁCENIA 4 | |
| NA OCENĘ 2.0 | The student does not present the diploma project in the appropriate scope or graphical or descriptive form. |
| NA OCENĘ 3.0 | The student presents the diploma project in the appropriate scope and graphic and descriptive form. The student is able to present the project in scale, size, graphics and layout of boards consistent with the size of the design task and the complexity of its functional system and spatial structure. The student can clearly present the project in the field consistent with the statutory requirements for the diploma project. The student can write an essay describing the idea of the project presenting the student's knowledge of the problem being solved and a technical description. The technical solutions used in the project and included in the description are compliant with the applicable regulations and standards, and their application is appropriate to the subject of the project task. |
| NA OCENĘ 3.5 | The student presents the diploma project in the appropriate scope and graphic and descriptive form. The student is able to present the project in scale, size, graphics and layout of boards consistent with the size of the design task and the complexity of its functional system and spatial structure. The student can clearly present the project in the scope required for the grade 3, along with any other studies presenting the ideas of the project. |

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| NA OCENĘ 4.0 | The student presents the diploma project in the appropriate scope and graphic and descriptive form. The student is able to present the project in scale, size, graphics and layout of boards consistent with the size of the design task and the complexity of its functional system and spatial structure. The student can clearly present the project in the scope required for the grade 3, along with any other studies presenting the ideas of the project. The student can legibly justify his choices and design decisions by referring to the inspiration or literature he found. |
| NA OCENĘ 4.5 | The student presents the diploma project at a high graphical level, in the appropriate scope and graphic and descriptive form. The student is able to present the project in scale, size, graphics and layout of boards consistent with the size of the design task and the complexity of its functional system and spatial structure. The student can clearly present the project in the scope required for the grade 3, along with any other studies presenting the ideas of the project. The student knows the ways of presenting ideas and concepts and can apply them creatively in his own project. The student can legibly justify his choices and design decisions by referring to the inspiration or literature he found |
| NA OCENĘ 5.0 | The student presents the diploma project at a very high graphical level in the appropriate range and graphic and descriptive form. The student is able to present the project in scale, size, graphics and layout of boards consistent with the size of the design task and the complexity of its functional system and spatial structure. The student can clearly present the project in the scope required for the grade 3, along with any other studies presenting the ideas of the project. The student knows the ways of presenting ideas and concepts and can apply them creatively in his own project. The student can legibly justify his choices and design decisions by referring to the inspiration or literature he found. |
| EFEKT KSZTAŁCENIA 5 | |
| NA OCENĘ 2.0 | The student is not aware of the level of his knowledge and skills as well as the ethics of the responsibility of the architect profession, or does not know the scope of the necessary implementation activities. The student does not understand the need for continuous improvement of qualifications. |
| NA OCENĘ 3.0 | The student is aware of the level of his knowledge and skills as well as the ethics of the responsibility of the architect profession, and also knows the scope of the necessary implementation activities. The student understands the need for continuous improvement of qualifications. |
| NA OCENĘ 3.5 | The student is aware of the level of his knowledge and skills as well as the ethics of the responsibility of the architect profession, and also knows the scope of the necessary implementation activities. The student understands the need for continuous improvement of qualifications, which he can define. |
| NA OCENĘ 4.0 | The student is aware of the level of his knowledge and skills as well as the ethics of the responsibility of the architect profession, and also knows the scope of the necessary implementation activities. The student understands the need for continuous improvement of qualifications, which he can define. The student deepens the knowledge related to the design task in the basic scope. |

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| NA OCENĘ 4.5 | The student is aware of the level of his knowledge and skills as well as the ethics of the responsibility of the architect profession, and also knows the scope of the necessary implementation activities. The student understands the need for continuous improvement of qualifications, which he can define. The student deepens the knowledge in the field related to the project task in a wide range. |
| NA OCENĘ 5.0 | The student is aware of the level of his knowledge and skills as well as the ethics of the responsibility of the architect profession, and also knows the scope of the necessary implementation activities. The student understands the need for continuous improvement of qualifications, which he can define. The student deepens the knowledge in the field related to the project task and other related fields. |

10 MACIERZ REALIZACJI PRZEDMIOTU

| EFEKT KSZTAŁCENIA | ODNIESIENIE DANEGO EFEKTU DO SZCZEGÓLOWYCH EFEKTÓW ZDEFINIOWANYCH DLA PROGRAMU | CELE PRZEDMIOTU | TREŚCI PROGRAMOWE | NARZĘDZIA DYDAKTYCZNE | SPOSOBY OCENY |
|-------------------|--|-----------------|-------------------|-----------------------|---------------|
| EK1 | UK-5 | Cel 1 | P1 | N1 | F1 P1 |
| EK2 | UK-6 | Cel 1 | P1 | N1 | F1 P1 |
| EK3 | UK-6 | Cel 1 | P1 | N1 | F1 P1 |
| EK4 | UK-8 UK-9 | Cel 1 | P1 | N1 | F1 P1 |
| EK5 | KK-1 | Cel 2 | P1 | N1 | F1 P1 |

11 WYKAZ LITERATURY

LITERATURA DODATKOWA

[1] - — *Dz.U.*, Warszawa, 2010, sejm.gov.pl

12 INFORMACJE O NAUCZYCIELACH AKADEMICKICH

OSOBA ODPOWIEDZIALNA ZA KARTĘ

dr inż. arch. Łukasz Wesolowski (kontakt: lukaszw@pk.edu.pl)

OSOBY PROWADZĄCE PRZEDMIOT

1 dr hab. inż. arch. Teresa Kusionowicz (kontakt: teresa.kusionowicz@pk.edu.pl)



13 ZATWIERDZENIE KARTY PRZEDMIOTU DO REALIZACJI

(miejsowość, data)

(odpowiedzialny za przedmiot)

(dziekan)

PRZYJMUJĘ DO REALIZACJI (data i podpisy osób prowadzących przedmiot)

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