

POLITECHNIKA KRAKOWSKA IM. TADEUSZA KOŚCIUSZKI

KARTA PRZEDMIOTU

obowiązuje studentów rozpoczynających studia w roku akademickim 2014/2015

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	Architecture and urban design
NAZWA PRZEDMIOTU W JĘZYKU ANGIELSKIM	Architecture and urban design
KOD PRZEDMIOTU	WA AU oIIS C21 14/15
KATEGORIA PRZEDMIOTU	przedmioty kierunkowe
LICZBA PUNKTÓW ECTS	8.00
SEMESTRY	2

2 RODZAJ ZAJĘĆ, LICZBA GODZIN W PLANIE STUDIÓW

SEMESTR	WYKŁADY	ĆWICZENIA	SEMINARIA	LABORATORIA	PROJEKTY	PRAKTYKI
2	0	0	0	0	105	0

3 CELE PRZEDMIOTU

Cel 1 Developing design skills in a clearly pronounced context and augmented complexity of the environmental situation, concerning a major size and complexity of functional and spatial programme of the project

Cel 2 Obtaining the capacity of formulating functional programmes of high complexity in relation to the surroundings.

Cel 3 Developing skills in architectural design future situation of the users.

4 WYMAGANIA WSTĘPNE W ZAKRESIE WIEDZY, UMIEJĘTNOŚCI I INNYCH KOMPETENCJI

- 1 Orientation in advanced building solutions, capacity of analysis and making design decisions concerning complex structural systems.
- 2 Knowledge of basic tendencies in contemporary architecture.

5 EFEKTY KSZTAŁCENIA

EK1 Umiejętności Skills. Student is able to analyse the situation and its context, define and exploit the potential and balance pros and contras of various (functional, compositional, symbolic) arrangements.

EK2 Wiedza Knowledge. Student understands functional programme of high complexity; its specify and the importance of the relations between its elements.

EK3 Umiejętności Skills. Student is able to combine the functional programme with the guidelines obtained from the analysis of the site and situation, and to present the homogenous spatial concept.

EK4 Kompetencje społeczne Social competence. Stident understands his work as process of environmental change, responsibly intervenes in the state of relations between natural and artificial elements; is able to formulate guidelines of future development; is able to cooperate with engineers of other domains, e.g. geodesy, land surveying, mining, etc.

6 TREŚCI PROGRAMOWE

PROJEKTY		
LP	TEMATYKA ZAJĘĆ OPIS SZCZEGÓŁOWY BLOKÓW TEMATYCZNYCH	LICZBA GODZIN
P1	Semester design project of the large multifunctional sports hall (ice hokey rink, football stadium, or the like) in a specific environmental situation.	105

7 NARZĘDZIA DYDAKTYCZNE

- N1** Design classes (group and individual consultations).
- N2** Workshops on specific problems.
- N3** Site and existing important building visits.
- N4** Open crits (reviews of the design progress).
- N5** Discussion of the reviews.

8 OBCIĄŻENIE PRACĄ STUDENTA

FORMA AKTYWNOŚCI	ŚREDNIA LICZBA GODZIN NA ZREALIZOWANIE AKTYWNOŚCI
Godziny kontaktowe z nauczycielem akademickim, w tym:	
Godziny wynikające z planu studiów	0
Konsultacje przedmiotowe	0
Egzaminy i zaliczenia w sesji	0
Godziny bez udziału nauczyciela akademickiego wynikające z nakładu pracy studenta, w tym:	
Przygotowanie się do zajęć, w tym studiowanie zalecanej literatury	70
Opracowanie wyników	15
Przygotowanie raportu, projektu, prezentacji, dyskusji	50
SUMARYCZNA LICZBA GODZIN DLA PRZEDMIOTU WYNIKAJĄCA Z CAŁEGO NAKŁADU PRACY STUDENTA	135
SUMARYCZNA LICZBA PUNKTÓW ECTS DLA PRZEDMIOTU	8.00

9 SPOSOBY OCENY

OCENA FORMUJĄCA

F1 Projekt indywidualny

F2 Odpowiedź ustna

OCENA PODSUMOWUJĄCA

P1 Średnia ważona ocen formujących

WARUNKI ZALICZENIA PRZEDMIOTU

W1 F2 = open crit

OCENA AKTYWNOŚCI BEZ UDZIAŁU NAUCZYCIELA

B1 Individual design project

B2 Individual or group project

KRYTERIA OCENY

EFEKT KSZTAŁCENIA 1	
NA OCENĘ 3.0	Student demonstrates a limited orientation in the problematic of the site; its potential; is unable clearly to define the design goals aimed at.

NA OCENĘ 3.5	Student possesses basic orientation in the problematic of the site. Is able to define the values of particular locations for the programme..
NA OCENĘ 4.0	Student is able correctly to analyse several aspect of the site., its mophology and context. Is able broadly to discuss pros and contras of programme elements' localizations.
NA OCENĘ 4.5	Student is well oriented in the architectural theories of the 20th c., knows the names of architects associated with them, and is able to describe their projects.
NA OCENĘ 5.0	Student is able to analyse the site in many aspects; is able to spot unique phenomena and to define the site's specificity; is able to discuss alternative design concepts of the plan; can discuss strong and weak of various localizations for particular elements.
EFEKT KSZTAŁCENIA 2	
NA OCENĘ 3.0	Student is able to produce conventional functional proposal; understands the scope of functional parts that form major groups.
NA OCENĘ 3.5	Student is able to produce conventional functional proposal; understands links between the generic parts; recognizes guidelines influenced by various functional requirements.
NA OCENĘ 4.0	Student is able to present individual set of functional proposals; understands links between the parts; recognizes guidelines influenced by various functional requirements.
NA OCENĘ 4.5	Student is able to formulate and prove an original functional programme; to explain the mutual relations between the parts; recognizes guidelines influenced by them; can explain the consequences of their application for the nearest surroundings, township and region.
NA OCENĘ 5.0	Student is able to formulate and prove a highly original functional programme; to explain the mutual relations between the parts; recognizes guidelines influenced by them; can explain the consequences of their application for the nearest surroundings, township and region.
EFEKT KSZTAŁCENIA 3	
NA OCENĘ 3.0	Student has very weak understanding of the functional relationships; presents a very simplified analysis of the problems on the site.
NA OCENĘ 3.5	Student has good understanding of the functional relationships; is able to present simple analysis of the problems on the site.
NA OCENĘ 4.0	Student has good understanding of the functional relationships; is able to present reasonable analysis of the problems on the site.
NA OCENĘ 4.5	Student is able to combine the functional programme with the guidelines obtained from the analysis of the site and situation, and to present a homogenous spatial concept.
NA OCENĘ 5.0	Student is able attractively to combine the functional programme with the guidelines obtained from the analysis of the site and situation, and to present a homogenous spatial concept.

EFEKT KSZTAŁCENIA 4	
NA OCENĘ 3.0	Student has a weak understanding of consequences of environmental change; is able to formulate some guidelines for future development.
NA OCENĘ 3.5	Student has some understanding of the process of environmental change and of the consequence of intervention in relations between natural and artificial elements of the environment; is able to formulate guidelines for project development; is able to cooperate with basic building media specialists.
NA OCENĘ 4.0	Student has an understanding of the process of environmental change, responsibly intervenes in the state of relations between natural and artificial elements of the environment; is able to formulate guidelines for future development; is able to cooperate with basic building media specialists.
NA OCENĘ 4.5	Student understands his work as a process of environmental change, responsibly intervenes in the state of relations between natural and artificial elements of the environment; is able to formulate guidelines for future development; is able to cooperate with experts of other domains.
NA OCENĘ 5.0	Student understands his work as a continuous process of environmental change, responsibly intervenes in the state of relations between natural and artificial elements of the environment; is able to formulate guidelines for future development; is able to cooperate with engineers of other domains, e.g. geodesy, land surveying, mining, etc..

10 MACIERZ REALIZACJI PRZEDMIOTU

EFEKT KSZTAŁCENIA	ODNIESIENIE DANEGO EFEKTU DO SZCZEGÓŁOWYCH EFEKTÓW ZDEFINIOWANYCH DLA PROGRAMU	CELE PRZEDMIOTU	TREŚCI PROGRAMOWE	NARZĘDZIA DYDAKTYCZNE	SPOSOBY OCENY
EK1	B.III.3.1; B.III.3.2; GC1 (p. 1, 2, 3); GC5 (p. 1, 2, 3); GA2 (p. 2, 3, 4, 6).	Cel 1	P1	N1 N2 N3 N4 N5	F1 F2 P1
EK2	B.III.3.1; B.III.3.2; GC5 (p. 1, 2, 3); GC6 (p. 3); GC7 (p. 1, 2, 3); GA2 (p. 1, 2, 6).	Cel 2	P1	N1 N2 N3 N4 N5	F1 F2 P1

EFEKT KSZTAŁCENIA	ODNIESIENIE DANEGO EFEKTU DO SZCZEGÓŁOWYCH EFEKTÓW ZDEFINIOWANYCH DLA PROGRAMU	CELE PRZEDMIOTU	TREŚCI PROGRAMOWE	NARZĘDZIA DYDAKTYCZNE	SPOSOBY OCENY
EK3	B.III.3.1; B.III.3.2; GC1 (p. 1, 2, 3); GC5 (p. 1, 2, 3); GC6 (p. 1, 2, 3); GC7 (p. 1, 2, 3); GC8 (p. 1); GC9 (p. 1, 2); GC10 (p. 3); GA2 (p. 1, 2, 3, 6).	Cel 3	P1	N1 N2 N4 N5	F1 F2 P1
EK4	B.III.3.1; B.III.3.2; GC1 (p. 1); GC5 (p. 1, 2, 3); GC6 (p. 1, 3); GC10 (p. 3); GA2 (p. 1, 2, 3, 6).	Cel 3	P1	N1 N2 N4 N5	F1 F2 P1

11 WYKAZ LITERATURY

LITERATURA PODSTAWOWA

- [1] | **Alexander Ch., et al.** — *A Pattern Language. Towns - Buildings - Construction*, New York, 1977, Oxford University Press
- [2] | **Arnheim R.** — *Art and Visual Perception. Psychology of the Creative Eye*, Berkeley, Los Angeles, 1974, University of California
- [3] | **Jencks Ch. & Kropf K.** — *Theories and Manifestoes of the Contemporary Architecture*, New York, 2006, Wiley Academy
- [4] | **Nesbit K. (ed.)** — *Theorizing . A New Agenda for Architecture. An Anthology of Architectural Theory 1965-1995*, New York, 1996, Princeton Architectural Press
- [5] | **Mallgrave H.F. & Goodman D.** — *An Introduction to architectural theory - 1968 to the present*, New York, 2011, Wiley-Blackwell
- [6] | **Pallasmaa J.** — *The Eyes of the Skin: Architecture and the Senses*, New York, 2012, John Wiley
- [7] | **Rossi A.** — *The Architecture of the City*, Cambridge Mass., 1991, Opposition Books, The MIT Press
- [8] | **Wilkinson Ph.** — *50 architecture ideas you really need to know*, London, 2010, Quercus Publishing Plc.

LITERATURA DODATKOWA

- [1] | Architectural Design, Architecture and Urbanism, Baumeister, Detail

12 INFORMACJE O NAUCZYCIELACH AKADEMICKICH

OSOBA ODPOWIEDZIALNA ZA KARTĘ

dr inż. arch. Piotr Winskowski (kontakt: piotr.winskowski@gmail.com)

OSOBY PROWADZĄCE PRZEDMIOT

1 Prof. Ph.D., D.Sc. Arch. J. Krzysztof Lenartowicz (kontakt:)

13 ZATWIERDZENIE KARTY PRZEDMIOTU DO REALIZACJI

(miejscowość, data)

(odpowiedzialny za przedmiot)

(dziekan)

PRZYJMUJĘ DO REALIZACJI (data i podpisy osób prowadzących przedmiot)

.....