CHART OF THE STUDY PROGRAM

Name of the education program (major) ARCHITECTURE

Faculty name FACULTY OF CIVIL ENGINEERING AND ARCHITECTURE

Education program	resolution of the Faculty Board dated	24.04.2019
	valid from the academic year	2019/2020
Level of study (first degree / second degree / uniform master study)		First degree
Profile of studies (general academic / practical)		General academic
Date and number of the resolution of the Senate adopting the major-related learning outcomes		25.04.2018 r., Resolution no. 220
Form of study (full-time studies/part-time studies)		Full-time studies
Assignment to the field or fields of science		Field of engineering and technical sciences
Indication of the discipline (science or art) or disciplines (in the case of few disciplines please indicate – or emphasize - the leading discipline to which a minimum of 50% of learning outcomes applies)		Architecture and Urban Planning and Civil Engineering
Duration (in semesters)		7
Number of ECTS points		210
Professional title received by the graduate		engineer architect
ISCED classification		0731
Relationship with the University's mission and its development strategy		Education in the field of Architecture is in line with the mission of the Opole University of Technology as a pro-innovative center of education, science and knowledge transfer and the university development strategy until 2020 adopted by the Senate of the

	Opole University of Technology in 2013.
Learning objectives and employment opportunities and continuation of studies	- equipping the graduate with interdisciplinary knowledge and skills in the field of architectural designing and urban planning, - preparing the graduate to be able to identify and solve crucial problems referring to built environment, - preparing the graduate – an engineer architect to undertake a professional job and to the aware and professional participation in space shaping which constitutes the life frame of individuals and social groups. - preparing the graduate to undertake a job as an auxiliary staff member and in building engineering and supervision in the scope of urban planning and designing of architectural objects together with their surroundings. - preparing the graduate to undertake the second degree studies.
Prerequisites - expected competences of the candidate (especially in the case of second-degree studies)	A candidate applying for admission to the first-degree studies in the field of *Architecture* must have qualifications determining receiving of the secondary school-leaving examination certificate (qualification at level 4 PRK)
Recruitment rules (in accordance with the recruitment resolution)	Chosen results of the secondary school-leaving examination constitute the basis for admission to full-time first-cycle studies. The positive result of the additional exam from hand drawing (at least 100 out of 300 points) is a supplementary recruitment criterion. Additional admission criteria are to be defined by the Faculty Board of the entitled unit. Detailed terms and conditions of recruitment for studies at the Opole University of Technology are published on the website **http://www.po.opole.pl** in the

	recruitment tab and in the reference book for candidates for a given academic year.	
Differences in relation to other programs with similarly defined goals and learning outcomes conducted at the Opole University of Technology	The *Architecture* field of study is characterized by a learning program aiming at acquiring skills of architectural and urban space shaping. The classes conducted within the studies are based on knowledge of disciplines deriving from the field of technical sciences: architecture, urban planning, civil engineering and the field of artistic arts and history of arts. Teaching at the field of *Architecture* is specific due to training of artistic skills and spatial imagination, historic knowledge in the scope of architectonic and urban thought development. The defined learning objectives and outcomes for *Architecture* field of study differ fundamentally from other field of studies conducted by Opole University of Technology.	
Means of verification intended learning outcomes	knowledge and skills - through design projects, including drawing and writing, and multimedia presentations, including material developed as part of an independent work, social competences - through team work, observation and assessment of attitudes during the didactic discussion and practical classes, form and terms of passing the subject - based on measurable criteria for getting a course credit.	
Summary indicators characterizing the study program,	the total number of ECTS points that a student must obtain in the courses requiring direct participation of academic teachers	102
	the total number of ECTS points that a student must obtain as part of the fundamental science to which the learning outcomes apply for a specific study program, the level and profile of study	26
	for the practical profile, the total	110

	number of ECTS points assigned to classes related to practical vocational preparation for the general academic profile, the total number of ECTS points assigned to courses related to scientific research in the field of science or art related to the field of study	
	the number of ECTS points that a student must obtain as part of courses in the humanities or social sciences	5
	in the case of full-time or uniform master studies, the number of hours of physical education classes	60
	percentage share of the number of ECTS credits for the discipline of science (or art) "and" in the total number of ECTS credits - necessary to determine for each discipline, in the case of a study program associated with more than one discipline of science (or art)	89% 11%

Study program approved by the faculty student self-government body.

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Signature of the representative of the faculty student self-government body

.....

date, signature, stamp of Dean

Table of major-related learning outcomes

Education program (field of study): **ARCHITECTURE** Level of education: **FIRST DEGREE STUDIES** educational profile: **GENERAL ACADEMIC**	
symbol of major-related learning outcomes	Learning outcomes (contents) After completing the first-cycle studies, the graduate:
Knowledge: the graduate	
K1_W01	The graduate has structured knowledge of science subjects characteristic for the studied field.
K1_W02	A graduate has a general knowledge of humanities in the scope indispensable for understanding of basic psychological, sociological and philosophical issues, and he/she understands the relation between these disciplines and the trends in arts, architecture and urban studies.
K1_W03	A graduate knows and understands the theory and terminology of a foreign language that enables him/her to use the language at the B2+ level defined by the European System of Language Description .
K1_W04	A graduate has a in-depth knowledge of principles of architectural designing and elements of architectural composition.
K1_W05	A graduate has an in-depth knowledge of principles of urban planning and the elements of urban composition. He/she understands the system of spatial planning regulations in Poland.
K1_W06	A graduate has a well structured and complex knowledge of the history of architecture and urban studies from the antiquity till modern times. The graduate has a general knowledge of protection and restoration of period, historical objects, urban complexes and cultural landscape. A graduate can characterize the modernization and restoration issue in architecture and urban studies.
K1_W07	A graduate knows technological issues connected with designing and realization of architectural objects including principles of technical drafts and descriptions creating. A graduate knows the types, properties and application scopes of basic building materials.
K1_W08	A graduate has a well structured knowledge of creating and reconstructing of spatial and artistic compositions by various techniques (drawing, painting, sculpture, computer modelling) and a well structured and based in theory knowledge of Descriptive Geometry.
K1_W09	A graduate has a general knowledge of fundamentals of investment process economics. A graduate can define the issues of project planning and coordinate and its realization phases.
K1_W10	A graduate has a well structured knowledge of normative determinants of architects and urbanists operations and legal regulations indispensible in designing and realizations of building objects.
K1_W11	A graduate can choose modern CAD tools and knows the applications of BIM information system.
K1_W12	A graduate has an in-depth knowledge indispensable for solving the functional-spatial issues in the scope of simple architectonic objects and small urban complexes designing.
K1_W13	A graduate has a general knowledge of designing of chosen elements of building structures with a proper selection of building materials. A graduate

	has a general knowledge of traffic infrastructure designing and designing of systems and technical fittings of buildings.
Skills: the graduate	
K1_U01	A graduate can apply science subjects to solve design tasks. A graduate uses basis mathematical methods in architectural and urban designing and he/she has a skill of abstract understanding of technical problems.
K1_U02	A graduate uses knowledge of humanities in the scope necessary to solve tasks in architecture and urban studies. He/she can gain information from literature, data bases and other sources; he/she can formulate and justify opinions and draw conclusions.
K1_U03	A graduate knows a foreign language at the B2+ level defined by the European System of Language Description. He/she knows technical language in the field of architecture, urban studies and civil engineering.
K1_U04	A graduate understands mutual relations of the object and its surroundings. He/she can make an architectural inventory and an architectural design of various complexity level. A graduate can apply modern technical means to present a worked out design solution.
K1_U05	A graduate can make an urban inventory. He/she can design building development complexes together with greenery and chosen urban facilities. A graduate can make a land development project of growing complexity level, taking into account technical, social, nature, cultural, legal requirements. He/she can interpret conditions and consequences of spatial planning documents.
K1_U06	A graduate defines cultural conditions of forms building and architectural objects and urban complexes style. He/she understands the relation between historic and newly designed architecture. A graduate respects the existing cultural environment. A graduate can valorize an architectonic work considering its location, cultural conditions, utility, a structure and aesthetics and understands transformations in architecture and urban studies against the background of changing conditions.
K1_U07	A graduate can prepare an architectural building design with chosen structural, installation, communication objects, technical fitting elements, indispensable for proper buildings functioning. A graduate can apply solutions in the scope of shaping of building structures and systems. He/she chooses proper building materials in designing and understands principles of energy saving building designing.
K1_U08	A graduate uses technical artistic skills and techniques. He/she can construe and visualize architectural objects. A graduate can apply a descriptive geometry in architectural and urban designing.
K1_U09	A graduate understands fundamental economical processes and tools to control investment processes. He/she has skills to plan a design process and to use principles of negotiating.
K1_U10	A graduate applies legal issues in the scope necessary for architectural and urban objects shaping. He/she can assess risks during realization of building works and implement proper safety rules.
K1_U11	A graduate can use computer techniques. He/she can prepare graphic documentation in the environment of chosen CAD and BIM software. A graduate shapes a 3D space by reflecting it in the drawing, model and digital works. He/she uses modeling techniques allowing to present the design process results at all work stages.

K1_U12	A graduate can make spatial and technical decisions in the scope of revalorization and modernization of architectural objects and restoration of urban complexes.
K1_U13	A graduate has skills indispensable for solving functional-spatial issues of architectural objects and urban complexes and other chosen thematic areas of architecture, urban studies and landscape shaping.
K1_U14	A graduate has skills allowing to perform the job. A student makes design decisions with respect for users needs and ethics rules of an architect and urbanist profession. He/she is able to self-study in order to improve social and professional competences.
Social competences : the graduate	
K1_K01	A graduate is able to critically assess the possessed knowledge. He/she understands the necessity and knows the possibilities of constant learning in the scope of professional, personal and social competences raising.
K1_K02	A graduate is aware of meaning and social consequences of space shaping in architectural objects and urban complexes. He/she understands non-technical results of architect's activity and its influence on environment.
K1_K03	A graduate has an awareness of the need of continuation and continuity of historical forms and taking care of their value. He/she is aware of architect's responsibility for maintenance of spatial order.
K1_K04	A graduate is able to make decisions connected with architectural and urban solutions , in the scope of structure and building systems.
K1_K05	A graduate is able to effectively use the knowledge and artistic skills in professional work. He/she is aware of social dimension of architecture and visual culture influence on human environment quality.
K1_K06	A graduate actively plans and organizes his/her activities in the field of architecture and he/she is thinking and operating in an enterprising way.
K1_K07	A graduate is aware of legal responsibility connected with the performed profession, he/she acts in professional way in accordance with professional ethics principles.
K1_K08	A graduate is responsible for his/her own work, he/she is prepared to work in a group and to bear responsibility for jointly realized tasks.

Explanations

Description component code stand for:

- letter K – discriminator of major-related effects,
- number 1 – first-cycle studies,
- _sign (underscore),
- letters: W, U and K – designation of effects categories (W – knowledge, U – skills, K – social competences),
- 01, … - effect number within a given category, written in the form of two digits (numbers 1-9 should be preceded by the number 0).

Wydział Budownictwa i Architektury

POLITECHNIKA OPOLSKA

Plany i programy studiów

Study plans and programs

Kierunek Studiów – Field of study

- ARCHITECTURE

- ARCHITECTURE

Studia stacjonarne
pierwszego stopnia

First Cycle Programme – Full-Time Studies

Politechnika Opolska, 2019 r.

CHARAKTERYSTYKA OGÓLNA

kierunek studiów: ARCHITECTURE

profil: OGÓLNOAKADEMICKI

nazwa wydziału: WYDZIAŁ BUDOWNICTWA I ARCHITEKTURY

plan studiów	uchwała Rady Wydziału z dnia	**24.04.2019**
	obowiązuje od roku akademickiego	**2019/2020**
forma studiów (stacjonarne / niestacjonarne)		**stacjonarne**
poziom studiów (I stopnia / II stopnia)		**I-go stopnia**
czas trwania (w sem.)		**7**
tytuł zawodowy otrzymywany przez absolwenta		**inżynier**
liczba punktów ECTS		**210**

Politechnika Opolska
Wydział Budownictwa i Architektury
Opole 2019 r.

PLAN STUDIÓW – STUDY PLAN

POLITECHNIKA OPOLSKA WYDZIAŁ BUDOWNICTWA I ARCHITEKTURY	OPOLE UNIVERSITY OF TECHNOLOGY FACULTY OF CIVIL ENGINEERING
Kierunek studiów: ARCHITECTURE	Field of study: ARCHITECTURE
STUDIA STACJONARNE PIERWSZEGO STOPNIA – INŻYNIERSKIE	
FIRST CYCLE PROGRAMME - FULL-TIME STUDIES *(Engineer's degree)*	

SEMESTR: 1 (1st Semester)		Liczba godzin zajęć w semestrze; E – egzamin Working time (hours) a semester; E – Exam					ECTS	TYP
Nr	Przedmiot Subject unit – semester curricular	W (Lecture)	C (Practical classes)	L (Laboratory classes)	P (Project)	S (Seminar)		
1.1	Physical Education I Wychowanie fizyczne I	–	30	–	–	–	0	O
1.2	Mathematics Matematyka	30E	30	–	–	–	5	P
1.3	Descriptive Geometry I Geometria wykreślna I	30	–	–	30	–	5	P
1.4	Architectural Design I Projektowanie architektoniczne I	30E	–	–	60	–	7	K
1.5	History of Architecture and Urban Planning I Historia architektury i urbanistyki I	30	–	15	–	–	4	K
1.6	Building Engineering and Materials Science I with Technical Drawing Budownictwo ogólne z materiałoznawstwem I i rysunkiem technicznym	30	–	–	30	–	5	K
1.7	Fine Arts Techniques I Techniki plastyczne I	–	–	45	–	–	4	K
Liczba godzin w semestrze (Number of hours in a semester)		150	60	60	120	–	30	
Razem godzin/ECTS w semestrze (Total hours/ECTS in a semester)		390						

SEMESTR: 2 (2nd Semester)		Liczba godzin zajęć w semestrze; E – egzamin Working time (hours) a semester; E – Exam					ECTS	TYP
Nr	Przedmiot Subject unit – semester curricular	W (Lecture)	C (Practical classes)	L (Laboratory classes)	P (Project)	S (Seminar)		
2.1	Physical Education I Wychowanie fizyczne II	–	30	–	–	–	0	O
2.2	Ergonomics Ergonomia	15	–	–	–	–	1	O
2.3	Information Technology Technologia informacyjna	–	–	30	–	–	2	O
2.4	Descriptive Geometry II Geometria wykreślna II	15E	–	–	15	–	4	P
2.5	Structural Mechanics I Mechanika budowli I	30E	–	–	30	–	4	P
2.6	Architectural Design II Projektowanie architektoniczne II	30E	–	–	60	–	7	K

2.7	History of Architecture and Urban Planning II Historia architektury i urbanistyki II	**30E**	**–**	**15**	**–**	**–**	**5**	K
2.8	Building Engineering and Materials Science II Budownictwo ogólne z materiałoznawstwem II	**30**	**–**	**15**	**–**	**–**	**3**	K
2.9	Fine Arts Techniques II Techniki plastyczne II	**–**	**–**	**45**	**–**	**–**	**4**	K
Liczba godzin w semestrze (Number of hours in a semester)		**150**	**30**	**105**	**105**	**–**	**30**	
Razem godzin/ECTS w semestrze (Total hours/ECTS in a semester)		**390**						

SEMESTR: 3 (3rd Semester)		**Liczba godzin zajęć w semestrze; E – egzamin Working time (hours) a semester; E – Exam**					**ECTS**	TYP
Nr	**Przedmiot Subject unit – semester curricular**	**W (Lecture)**	**C (Practical classes)**	**L (Laboratory classes)**	**P (Project)**	**S (Seminar)**		
3.1	Foreign Language I Język obcy I	**–**	**–**	**30**	**–**	**–**	**1**	O
3.2	Structural Mechanics II Mechanika budowli II	**15**	**–**	**–**	**30**	**–**	**3**	P
3.3	Architectural Design III Projektowanie architektoniczne III	**30E**	**–**	**–**	**60**	**–**	**7**	K
3.4	Urban Planning I Projektowanie urbanistyczne I	**15E**	**–**	**–**	**60**	**–**	**6**	K
3.5	History of Architecture and Urban Planning III Historia architektury i urbanistyki III	**30**	**–**	**30**	**–**	**–**	**4**	K
3.6	Building Engineering and Materials Science III Budownictwo ogólne z materiałoznawstwem III	**15**	**–**	**–**	**15**	**–**	**2**	K
3.7	Building Structures I Konstrukcje budowlane I	**15E**	**–**	**–**	**30**	**–**	**3**	K
3.8	Fine Arts Techniques III Techniki plastyczne III	**–**	**–**	**45**	**–**	**–**	**4**	K
Liczba godzin w semestrze (Number of hours in a semester)		**120**	**–**	**105**	**195**	**–**	**30**	
Razem godzin/ECTS w semestrze (Total hours/ECTS in a semester)		**420**						

SEMESTR: 4 (4th Semester)		**Liczba godzin zajęć w semestrze; E – egzamin Working time (hours) a semester; E – Exam**					**ECTS**	TYP
Nr	**Przedmiot Subject unit – semester curricular**	**W (Lecture)**	**C (Practical classes)**	**L (Laboratory classes)**	**P (Project)**	**S (Seminar)**		
4.1	Foreign Language II – English II Język obcy II	**–**	**–**	**30**	**–**	**–**	**1**	O
4.2	Structural Mechanics III Mechanika budowli III	**15**	**–**	**–**	**15**	**–**	**2**	P
4.3	Architectural Design IV Projektowanie architektoniczne IV	**30E**	**–**	**–**	**60**	**–**	**6**	K
4.4	Urban Planning II Projektowanie urbanistyczne II	**15E**	**–**	**–**	**60**	**–**	**5**	P
4.5	History of Architecture and Urban Planning IV Historia architektury i urbanistyki IV	**30E**	**–**	**15**	**–**	**–**	**4**	K
4.6	Building Engineering and Materials Science IV Budownictwo ogólne z materiałoznawstwem IV	**15E**	**–**	**–**	**30**	**–**	**3**	K
4.7	Building Structures II Konstrukcje budowlane II	**15E**	**–**	**–**	**30**	**–**	**3**	K
4.8	Fine Arts Techniques IV Techniki plastyczne IV	**–**	**–**	**30**	**–**	**–**	**2**	K

4.9	Computer Aided Architectural Design I Projektowanie architektoniczne wspomagane komputerem I	–	–	–	30	–	2	K
Przedmioty obieralne – wymagana liczba p. ECTS w semestrze (Optional units – compulsory ECTS in a semester)							2	
4.10	Facultative I - City Sociology Przedmiot fakultatywny I - Socjologia miasta	15	–	15	–	–	(2)	Ob
	Facultative I - Designing Theory Przedmiot fakultatywny I - Teoria projektowania	15	–	15	–	–	(2)	Ob
	Facultative I - Theory of Architecture and Urban Planning Przedmiot fakultatywny I - Teoria architektury i urbanistyki	15	–	15	–	–	(2)	Ob
Liczba godzin w semestrze (Number of hours in a semester)		135	315 (w tym 15 godz. obieralne)				30	
Razem godzin/ECTS w semestrze (Total hours/ECTS in a semester)		450						

SEMESTR: 5 (5th Semester)		**Liczba godzin zajęć w semestrze; E – egzamin Working time (hours) a semester; E – Exam**					**ECTS**	TYP
Nr	**Przedmiot Subject unit – semester curricular**	**W (Lecture)**	**C (Practical classes)**	**L (Laboratory classes)**	**P (Project)**	**S (Seminar)**		
5.1	Foreign Language III Język obcy III	–	–	30	–	–	1	O
5.2	Building Physics Fizyka budowli	15E	–	–	30	–	3	P
5.3	Urban Planning III Projektowanie urbanistyczne III	15E	–	–	60	–	5	K
5.4	History of Architecture and Urban Planning V Historia architektury i urbanistyki V	30	–	15	–	–	3	K
5.5	Building Structures III Konstrukcje budowlane III	15E	–	–	30	–	3	K
5.6	Computer Aided Architectural Design II Projektowanie architektoniczne wspomagane komputerem II	–	–	30	–	–	2	K
Przedmioty obieralne – wymagana liczba p. ECTS w semestrze (Optional units – compulsory ECTS in a semester)							13	
5.7	Humanistic I - History of Art Treści humanistyczne I - Historia sztuki	30	–	–	–	–	(2)	Ob
	Humanistic I - Philosophy Treści humanistyczne I - Podstawy filozofii	30	–	–	–	–	(2)	Ob
5.8	Architectural Design V - Residential architecture - free standing buildings Projektowanie architektoniczne V - Projektowanie budynków wielorodzinnych w zabudowie wolnostojącej	30E	–	–	60	–	(7)	Ob
	Architectural Design V - Residential architecture - supplementary building Projektowanie architektoniczne V - Projektowanie budynków wielorodzinnych w zabudowie uzupełniającej	30E	–	–	60	–	(7)	Ob
5.9	Facultative III - Interior Architecture Przedmiot fakultatywny III - Architektura wnętrz	–	–	–	30	–	(2)	Ob
	Facultative III - Landscape Architecture Przedmiot fakultatywny III - Architektura krajobrazu	–	–	–	30	–	(2)	Ob
	Facultative III - Large Scale Buildings – Esthetics and Structure Przedmiot fakultatywny III - Obiekty wielkoskalowe – estetyka a konstrukcja	–	–	–	30	–	(2)	Ob

5.10	Special Design I - Metal Structures Projekt specjalistyczny I - Konstrukcje metalowe	–	–	–	15	–	(2)	Ob
	Special Design I - Reinforced Concrete Structures Projekt specjalistyczny I - Konstrukcje żelbetowe	–	–	–	15	–	(2)	Ob
	Special Design I - Technologia budownictwa ogólnego Projekt specjalistyczny I - Technologia budownictwa ogólnego	–	–	–	15	–	(2)	Ob
	Special Design I - Timber Structures Projekt specjalistyczny I - Konstrukcje drewniane	–	–	–	15	–	(2)	Ob
Liczba godzin w semestrze (Number of hours in a semester)		135	300 (w tym 105 godz. obieralne)				30	
Razem godzin/ECTS w semestrze (Total hours/ECTS in a semester)		435						

SEMESTR: 6 (6th Semester)		Liczba godzin zajęć w semestrze; E – egzamin Working time (hours) a semester; E – Exam					ECTS	TYP
Nr	Przedmiot Subject unit – semester curricular	W (Lecture)	C (Practical classes)	L (Laboratory classes)	P (Project)	S (Seminar)		
6.1	Foreign Language IV Język obcy IV	(E)	–	30	–	–	2	O
6.2	Preservation and revalorisation of historical buildings and structures Konserwacja i rewaloryzacja obiektów i zespołów historycznych	30E	–	–	–	–	4	K
6.3	Building Installations Instalacje budowlane	30	–	–	–	–	2	K
6.4	Practice Praktyka zawodowa	–	–	–	1	–	5	K
Przedmioty obieralne – wymagana liczba p. ECTS w semestrze (Optional units – compulsory ECTS in a semester)							17	
6.5	Architectural Design VI - Design of administration and sport buildings Projektowanie architektoniczne VI - Projektowanie obiektów administracji i sportu	30E	–	–	60	–	(7)	Ob
	Architectural Design VI - Design of secular and sacral culture's buildings Projektowanie architektoniczne VI - Projektowanie obiektów kultury świeckiej i sakralnej	30E	–	–	60	–	(7)	Ob
6.6	Urban Planning IV - Planning in Rural Environment Projektowanie urbanistyczne IV - Planowanie miejscowe na terenach wiejskich	15E	–	–	60	–	(6)	Ob
	Urban Planning IV - Planning in Urban Environment Projektowanie urbanistyczne IV - Planowanie miejscowe na terenach miejskich	15E	–	–	60	–	(6)	Ob
6.7	Facultative II - Communication Przedmiot fakultatywny II - Komunikacja	15	–	–	15	–	(2)	Ob
	Facultative II - Designing Strategies Przedmiot fakultatywny II - Strategie projektowania	15	–	–	15	–	(2)	Ob
	Facultative II - Elevation Designing and Spatial Solutions Przedmiot fakultatywny II - Projektowanie elewacji a rozwiązania przestrzenne	15	–	–	15	–	(2)	Ob

6.8	Special Design II - Building Installations Projekt specjalistyczny II - Instalacje budowlane	–	–	–	15	–	(2)	Ob
	Special Design II - Communication Problems Projekt specjalistyczny II - Zagadnienia komunikacyjne	–	–	–	15	–	(2)	Ob
	Special Design II - Environment Protection Projekt specjalistyczny II - Ochrona środowiska	–	–	–	15	–	(2)	Ob
	Special Design II - Technical Equipment of Buildings Projekt specjalistyczny II - Wyposażenie techniczne budynków	–	–	–	15	–	(2)	Ob
Liczba godzin w semestrze (Number of hours in a semester)		120	181 (w tym 150 godz. obieralne)				30	
Razem godzin/ECTS w semestrze (Total hours/ECTS in a semester)		301						

SEMESTR: 7 (7th Semester)		Liczba godzin zajęć w semestrze; E – egzamin Working time (hours) a semester; E – Exam					ECTS	TYP
Nr	Przedmiot Subject unit – semester curricular	W (Lecture)	C (Practical classes)	L (Laboratory classes)	P (Project)	S (Seminar)		
7.1	Protection of Intellectual Property Ochrona własności intelektualnej	15	–	–	–	–	1	O
7.2	Safety and Hygiene of Work Bezpieczeństwo i higiena pracy	15	–	–	–	–	1	O
7.3	Organizing and Economics of Investing Process Organizacja i ekonomika procesu inwestycyjnego	15	–	–	–	–	1	K
7.4	Building Law Prawo budowlane	15	–	–	–	–	1	K
7.5	Ethics and Specific Character of Architect's Profession Etyka i specyfika zawodu architekta	15	–	–	–	–	1	K
7.6	Diploma Seminar with an Overview of Research Methodology Seminarium dyplomowe z elementami metodologii badań naukowych	–	–	–	–	15	3	K
7.7	Diploma Thesis Praca dyplomowa	–	–	–	4	–	15	Dyp
Przedmioty obieralne – wymagana liczba p. ECTS w semestrze (Optional units – compulsory ECTS in a semester)							7	
7.8	Humanistic II - Psychology Treści humanistyczne II - Psychologia	30	–	–	–	–	(3)	Ob
	Humanistic II - Sociology Treści humanistyczne II - Socjologia	30	–	–	–	–	(3)	Ob
7.9	Revitalization of Urban Space - Revitalization of Housing Estates Rewitalizacja przestrzeni zurbanizowanej - Rewitalizacja osiedli mieszkaniowych	15	–	45	–	–	(4)	Ob
	Revitalization of Urban Space - Revitalization of Post-Industries Areas Rewitalizacja przestrzeni zurbanizowanej - Rewitalizacja terenów poprzemysłowych	15	–	45	–	–	(4)	Ob
Liczba godzin w semestrze (Number of hours in a semester)		120	64 (w tym 45 godz. obieralne)				30	
Razem godzin/ECTS w semestrze (Total hours/ECTS in a semester)		184						

PLAN STUDIÓW RAZEM (TOTAL STUDY PLAN)	ECTS

Łącznie godzin kontaktowych/ECTS w planie studiów Total contact hours/ECTS in study plan	**2570**	**210**

STATYSTYKA PROGRAMU KSZTAŁCENIA			
Typ	**Przedmioty - p. ECTS razem**	**wg planu**	**udział**
O	Ogólne	10	4.76 %
Ob	Obieralne	39	18.57 %
P	Podstawowe	31	14.76 %
K	Kierunkowe	115	54.76 %
Dyp	Związane z dyplomem	15	7.14 %
	Łącznie:	210	100.00 %

Program kształcenia dostosowany do wydziałowych efektów uczenia się dla kierunku studiów ARCHITECTURE (studia pierwszego stopnia)
Plan i program studiów:
– uchwalony przez Radę Wydziału Budownictwa i Architektury w dniu 24.04.2019
– zaopiniowany przez wydziałowy organ samorządu studenckiego.

Politechnika Opolska
Wydział Budownictwa i Architektury
Opole 2019 r.