16th March 2022

DESCRIPTION OF THE STUDY PROGRAMME DESIGN

Study programme: **ARCHITECTURER**

Level: **1st CYCLE**

Profile: **GENERAL ACADEMIC**

1) discipline to which the study programme is assigned, or – where the study programme is assigned to more than one discipline – the leading discipline and the remaining disciplines together with the percentage of the ECTS points of each discipline in the total number of the ECTS points necessary for completing the programme at a given level:

   ARCHITECTURE AND URBAN SCIENCES (leading) – 91%, civil engineering and transport – 4%, fine arts and art conservation – 5%;

2) mode of study: **FULL TIME**
3) number of the semesters: **8**
4) total number of teaching hours provided by the university: **3460**
5) number of the ECTS points necessary for the study programme completion: **240**
6) number of the ECTS points the student must obtain for courses conducted with the direct participation of academic teachers or other individuals authorised to conduct classes: **142**
7) number of the ECTS points the student must obtain for courses from the field of humanities or social sciences: **11**
8) number of the ECTS points assigned to elective courses: **94**
9) number of the ECTS points assigned to courses related to the academic activity in the discipline or disciplines to which the study programme is assigned – applies to study programmes of the general academic profile: **214**
10) ~~number of the ECTS points assigned to courses developing practical skills – applies to study programmes of the practical profile:~~
11) for the first cycle full time study programmes – number of hours of the physical education: **60**
12) scope, principles and form of completing student work placements and the number of the ECTS points the student must obtain for their work placement: **600 h, 40 ECTS**
13) Verification and evaluation methods of the learning outcomes attained by the student throughout the whole study cycle:
    - Verification of the attained learning outcomes requires application of diverse forms of evaluating students' performance, adequate for the category of knowledge, skills or social competences to which the effects are related.
    - Attainment of the required learning outcomes in the category of knowledge is verified with the use of written or oral examinations, reviews, essays and presentations as well as by verification of diverse categories of design projects of various difficulty levels.

- Oral examinations are standardised and aimed at verification of knowledge at a higher level than mere knowledge of facts (the level of comprehension, the analytical, synthetical and problem solving skills).
- The forms of written examination include: essays, reports, short structured questions or multiple choice tests (MCQ – Multiple Choice Questions), multiple response tests (MRQ – Multiple Response Questions), Yes/No questions and response matching.
- Attainment of the required learning outcomes in the category of skills and in the category of social competences is verified by evaluation of design projects of diverse categories and various difficulty levels.
- Attainment of the required learning outcomes in the category of skills in the A course group is verified by evaluation of the completed design project, including the course and reviewed (staged) project, and the test-like project realised in class under supervision, as well as evaluation of the level of student's creativity demonstrated during the design process and direct individual and team review sessions performed by the supervisor in the "master-pupil" mode, as well as evaluation of the skill of presentation and defence of the completed design project.
- Attainment of the required learning outcomes in the category of knowledge, skills and social competences in the E course group is verified by evaluation of the knowledge acquired in seminars on scientific work methodology and the skill of its practical application in the design process, as well as by evaluation of the analytical-descriptive and design-graphic aspects of the diploma project; and the level of scientific, design and aesthetic creativity of the student and the value of the architectural solutions developed by them, as well as their skill of public presentation and defence thereof.

14) The professional title awarded to graduates: INŻYNIER ARCHITEKT (*Bachelor in Engineering – Architect*)

16th March 2022

Table for the description of the learning outcomes for the study programme
of the first cycle leading to obtaining competences in the field of art

Cracow University of Technology in Cracow

Name of Faculty or Faculties: Faculty of Architecture

Name of the study course: Architecture

Level of study: first cycle, full time mode of study

Profile of studies: general academic

Field or fields of study:[1] engineering and technology, art

Scientific/artistic discipline or disciplines with the percentage of learning outcomes for each discipline:[1] the leading discipline: Architecture and Urban Sciences – 91%; the remaining disciplines: civil engineering and transport – 4%; fine arts and art conservation – 5%.

Polish Qualification Framework level:[2] 6 PQF

Learning outcomes symbols	**STUDY PROGRAMME LEARNING OUTCOMES** **Applicable to the study cycles commencing in the academic year 2022/23 and following years**	Reference to			
		first PQF[3] level universal characteristics	second PQF[4] level learning outcomes characteristics	second PQF level learning outcomes characteristics allowing attainment of engineering competences[5]	second PQF level learning outcomes characteristics allowing attainment of competences in the field of art[6]
1	2	3	4	5	6
	KNOWLEDGE: THE GRADUATE KNOWS AND UNDERSTANDS	Description component code	Description component code	Description component code	Description component code
O.W1	structural, building and engineering problems related to building design;	P6U_W	P6S_WG	P6S_WG	-
O.W2	problems referring to architecture and urban sciences involved in solving simple design problems	P6U_W	P6S_WG	P6S_WG	-
O.W3	problems referring to architecture and urbanc sciences useful in designing architectural objects and urban ensembles in the context of social, cultural, natural, historic, economic, legal and other extra-technical conditions of engineering activities, integrating the knowledge acquired during their studies;	P6U_W	P6S_WG P6S_WK	P6S_WG	P6S_WG
O.W4	problems of physics, technology and functions of buildings in the scope enabling ensuring the comfort of their use and protection against adverse weather conditions	P6U_W	P6S_WG P6S_WK	P7S_WG P6S_WK	-
O.W5	relations between humans and architecture and between architecture and its surrounding environment, as well as the needs to adjust architecture to human needs and human scale;	P6U_W	P6S_WG P6S_WK	P6S_WG P6S_WK	-

O.W6	legal provisions and procedures necessary to execute building designs;	P6U_W	P6S_WG P6S_WK	P6S_WG P6S_WK	-
O.W7	methods and means of implementing environmentally responsible sustainable design, as well as of protection and conservation of the surrounding environment;	P6U_W	P6S_WG P6S_WK	P6S_WG P6S_WK	-
O.W8	principles of cost estimation and project management, methodology of cost control and principles of a construction project execution;	P6U_W	P6S_WG P6S_WK	P6S_WG P6S_WK	-
O.W9	history and theory of architecture and art, technology and humanities in the extent necessary for correct execution of architectural designs;	P6U_W	P6S_WG P6S_WK	P6S_WG P6S_WK	P6S_WG
O.W10	principles, solutions, structures and building materials applied in completing simple engineering tasks within the scope of architectural and urban design;	P6U_W	P6S_WG	P6S_WG	-
O.W11	problems referring to architecture and urban sciences in the context of the multi-professional character of architectural and urban design;	P6U_W	P6S_WG P6S_WK	P6S_WG P6S_WK	-
O.W12	principles of information collection and interpretation for the needs of preparing a design concept;	P6U_W	P6S_WG P6S_WK	P6S_WG P6S_WK	-
O.W13	the main principles of professional presentation of architectural and urban concepts;	P6U_W	P7S_WG	P7S_WG	-
O.W14	character of the architectural profession and its role in the society	P6U_W	P6S_WK	P6S_WK	-
A.W1	simple tasks in architectural design, in particular: simple objects catering for the basic needs of its users, single- and multi-family residential development, facilities to house services in residential development ensembles, public utility buildings in an open landscape or within an urban environment;	P6U_W	P6S_WG	P6S_WG	-
A.W2	simple tasks in urban design, in particular: small development ensembles, local land use plans taking into account the local conditions and connections, as well as predicting the processes of transformation of the settlement structure in urbanised and rural areas;	P6U_W	P6S_WG	P6S_WG	-
A.W3	provisions of local land use plans within the scope necessary for architectural design;	P6U_W	P6S_WG	P6S_WG	-
A.W4	the principles of universal design, including the idea of designing spaces and buildings accessible for all users, in particular for persons with disabilities, in architecture, urban design and spatial planning, and the principles of ergonomics, including ergonomic parameters necessary to ensure full functionality of the designed space and objects for all users, in particular for persons with disabilities;	P6U_W	P6S_WG	P6S_WG	-
B.W1	theory of architecture and urban sciences useful in formulation and solution of tasks in architectural and urban design and spatial planning;	P6U_W	P6S_WG	P6S_WG	-
B.W2	history of architecture and urban design, contemporary architecture and heritage protection in the extent necessary in architectural, urban and planning creative work;	P6U_W	P6S_WG	P6S_WG	-
B.W3	significance of the natural environment in architectural and urban design as well as in spatial planning;	P6U_W	P6S_WK	P6S_WG	-
B.W4	mathematics, spatial geometry, statics, strength of materials, shaping, construction and dimensioning of structures in the extent necessary for formulation and solving of tasks in architectural and urban design;	P6U_W	P6S_WG	P6S_WG	-
B.W5	problems of construction, building technologies and installations, building structure and physics, including the key problems in architectural, urban and planning design, as well as problems related to the fire protection of buildings;	P6U_W	P6S_WG	P6S_WG	-

B.W6	construction project economics and organisation methods as well as progress of the design and construction processes; basic principles of design and execution quality management in the construction process;	P6U_W	P6S_WK	P6S_WK	-
B.W7	ways of communicating ideas of architectural, urban and planning designs as well as ways of development thereof;	P6U_W	P6S_WG	P7S_WG	-
B.W8	role and application of the graphic art, drawing and painting as well as information technologies in the process of architectural and urban design;	P6U_W	P6S_WG	-	P6S_WG
B.W9	principles of occupational health and safety;	P6U_W	P6S_WG P6S_WK	P6S_WG P6S_WK	-
C.W1	styles in art and their related creative traditions as well as the process of execution of art works related to architecture;	P6U_W	P6S_WG	P6S_WG	P6S_WG
C.W2	conditions of architectural and urban design resulting from the psychophysical capabilities of humans;	P6U_W	P6S_WG	P6S_WG	-
C.W3	vocabulary ang grammatical structures of a foreign language which is a language of international communication necessary for creating and comprehension of written and oral statements referring to architecture, as well as the necessity to use the foreign language efficiently;	P6U_W	P6S_WG	P6S_WG	-
D.W1	basic methods,techniques, tools and materials used in completing engineering tasks within the scope of architectural and urban design;	P6U_W	P6S_WG	P6S_WG	-
D.W2	problems of maintenance of buildings and systems typical of architectural design;	P6U_W	P6S_WG	P6S_WG	-
D.W3	principles of an architectural studio functioning in the context of work organisation at individual stages of the design process;	P6U_W	P6S_WG	P6S_WG	-
D.W4	norms and standards in architectural and urban design useful in performing auxiliary works;	P6U_W	P6S_WG	P6S_WG	-
D.W5	methods of organisation and progress of the design and construction processes, as well as the role of architect in this process;	P6U_W	P6S_WK	P6S_WK	-
E.W1	problems referring to architecture and urban sciences in the extent adequate for solving design problems;	P6U_W	P6S_WG	P6S_WG	-
E.W2	problems referring to architecture and urban sciences useful in designing architectural objects and urban ensembles in the context of social, cultural, natural, historic, economic, legal and other extra-technical conditions of engineering activities, integrating the knowledge acquired during their studies;	P6U_W	P6S_WG P6S_WK	P6S_WG P6S_WK	P6S_WG
E.W3	principles, solutions, structures and building materials used in completing engineering tasks within the scope of architectural and urban design;	P6U_W	P6S_WG	P6S_WG	-
E.W4	problems referring to architecture and urban sciences in the context of the multi-professional character of architectural and urban design and the need to cooperate with other specialists;	P6U_W	P6S_WG	P6S_WG	-
E.W5	principles of professional presentation of architectural and urban concepts;	P6U_W	P6S_WG	P6S_WG	-
	SKILLS: THE GRADUATE IS ABLE TO	**Description component code**	**Description component code**	**Description component code**	**Description component code**
O.U1	use the experience gained during their studies in order to perform a critical analysis of the conditions and to formulate conclusions for designing in a complex interdisciplinary context;	P6U_U	P6S_UW P6S_UO	P6S_UW	-

O.U2	design an architectural object or a simple urban ensemble meeting the aesthetic and technical requirements;	P6U_U	P6S_UW	P6S_UW	-
O.U3	prepare a graphic, written and oral presentation of their own design concepts in the scope of architecture and urban design, meeting the requirements of professional transcript applicable to architectural and urban design;	P6U_U	P6S_UW P6S_UK	P6S_UW	-
O.U4	use analytical methods to formulate and solve design tasks;	P6U_U	P6S_UW P6S_UO P6S_UU	P6S_UW	-
A.U1	design an architectural structure, creating and transforming the space to bestow new values upon it – in compliance with the assigned programme meeting the requirements and catering for the needs of all its users**;**	P6U_U	P6S_UW	P6S_UW	-
A.U2	design a simple urban ensemble;	P6U_U	P6S_UW	P6S_UW	-
A.U3	develop planning concepts referring to land use and interpret them in the extent necessary for designing in the urban and architectural scale;	P6U_U	P6S_UW	P6S_UW	-
A.U4	perform a critical analysis of the conditions, including evaluation of the land use and development conditions;	P6U_U	P6S_UW	P6S_UW	-
A.U5	think and act in a creative way, using the professional skills necessary to maintain and expand the ability to execute artistic concepts in architectural and urban design;	P6U_U	P6S_UW	P7S_UW	P6S_UW
A.U6	integrate information obtained from various sources, interpret it and perform a critical analysis thereof;	P6U_U	P6S_UW	P6S_UW	-
A.U7	communicate with the use of various techniques and tools in the professional environment adequate for architectural and urban design and spatial planning;	P6U_U	P6S_UK	P6S_UW	-
A.U8	prepare the architectural-building documentation in appropriate scales in relation to the conceptual architectural design;	P6U_U	P6S_UW	P6S_UW	-
A.U9	implement the principles and guidelines of universal design in architecture, urban design and spatial planning;	P6U_U	P6S_UW	P6S_UW	-
B.U1	integrate knowledge from various fields of science, including history, history of architecture, history of art and cultural heritage protection, while solving engineering problems;	P6U_U	P6S_UW	P6S_UW	P6S_UW
B.U2	recognise the significance of extra-technical aspects and consequences of the architect's design activities, including their influence on the cultural and natural environment;	P6U_U	P6S_UW	P6S_UW	P6S_UW
B.U3	use appropriately selected computer simulations, analyses and information technologies aiding architectural and urban design;	P6U_U	P6S_UW	P6S_UW	-
B.U4	develop solutions for individual systems and compontents of buildings in the technological, structural and building materials aspect;	P6U_U	P6S_UW	P6S_UW	-
B.U5	perform a preliminary economic analysis of the planned engineering activities;	P6U_U	P6S_UW	P6S_UW	-
B.U6	adequately observe the standards and the provisions of law in the scope of architectural and urban design;	P7U_U	P7S_UW	P7S_UW	-
C.U1	obtain information from adequately selected sources, also in a foreign language which is a language of international communication, in order to use it in the design process;	P6U_U	P6S_UW P6S_UK	P6S_UW	-
C.U2	use at least one foreign language which is a language of international communication at the level B2 of the Common European Framework of Reference for Languages, including specialist terminology in architecture and urban sciences, necessary in the design	P6U_U	P6S_UW P6S_UK	P6S_UW	-

	activities;				
D.U1	assess the usefulness of typical methods and tools serving the purpose of solving a simple engineering task of a practical character, characteristic of architectural design;	P6U_U	P6S_UW	P6S_UW	-
D.U2	design a simple architectural object or or a fragment thereof, typical of architectural design, in compliance with the assigned specification;	P6U_U	P6S_UW	P6S_UW	-
D.U3	execute elements of architectural-building documentation in adequate scales, in cooperation with members of the design team;	P6U_U	P6S_UW	P6S_UW	-
E.U1	perform an analysis of the existing conditions, evaluate the conditions of land use and development and formulate conclusions for designing;	P6U_U	P6S_UW	P6S_UW	-
E.U2	design an architectural object or an urban ensemble, creating and transforming the space to bestow new values upon it – in compliance with the adopted programme, taking into consideration the extra-technical aspects and integrating the interdisciplinary knowledge and skills acquired during their studies**;**	P6U_U	P6S_UW	P6S_UW	-
E.U3	prepare an advanced graphic, written and oral presentation of their own design concepts in the scope of architecture and urban design, meeting the requirements of professional transcript applicable to architectural and urban design;	P6U_U	P6S_UW	P6S_UW	-
	SOCIAL COMPETENCES: GRADUATE IS PREPARED TO	**Description component code**	**Description component code**	**-**	**Description component code**
O.S1	observe the principles of professional ethics and take responsibility for undertaken actions;	P6U_K	P6S_KR	-	-
O.S2	respect diversity of opinions and cultures and display sensitivity to the social aspects of the profession;	P6U_K	P6S_KR P6S_KO	-	-
O.S3	take responsibility for the architectural and urban values in environmental and cultural heritage protection;	P6U_K	P6S_KR P6S_KO	-	-
O.S4	learn all life long, including undertaking education at a second-cycle study programme and postgraduate study programmes or participation in other forms of education;	P6U_K	P6S_KK	-	-
A.S1	think independently in order to solve simple design problems;	P6U_K	P6S_KK	-	-
A.S2	take responsibility for shaping the natural environment and cultural landscape, including preservation of the heritage of the region, country and Europe;	P6U_K	P6S_KO	-	P6S_KR P6S_KK
B.S1	formulate opinions on achievements of architecture and urban sciences, their conditions and other aspects of the architect's activities, as well as communicate information and opinions;	P6U_K	P7S_KO P7S_KR	-	-
B.S2	perform a reliable self-evaluation, formulate constructive criticism related to architectural and urban activities;	P6U_K	P6S_KR P6S_KO	-	-
D.S1	adapt to new changeable circumstances emerging in the course of performing the professional activities of creative character;	P6U_K	P6S_KK	-	-
D.S2	adequately define priorities of activities serving the purpose of completing a given task;	P6U_K	P6S_KO	-	-
D.S3	undertake work at a building site with responsibilities involving the problem area of architecture;	P6U_K	P6S_KR	-	

D.S4	practice the architectural profession, which is a profession of public trust, including correct identification and solution of problems related to design activities;	P6U_K	P6S_KK P6S_KO P6S_KR	-	-
E.S1	use imagination, intuition, creative attitude and independent thinking effectively, as well as creative work for solving design problems;	P6U_K	P6S_KK	-	P6S_KR P6S_KK
E.S2	accept criticism of the solutions presented by themselves and respond to it in a clear and factual manner;	P6U_K	P6S_KK	-	-
E.S3	use information technologies for integration with other participants in processes and undertakings, including presentation of designs and communication of opinions in a universally understandable way;	P6U_K	P6S_KK	-	-

Explanation of symbols:

1. Universal characteristics of PQF levels (first stage):

P = PQF level (6, 7)

U = universal characteristics

W = knowledge

U = skills

K = social competences

Examples:

P6U_W = PQF level 6, universal characteristics, knowledge

"*The graduate knows and understands at an advanced level – the facts, theories, methods and complex interrelations between them. The graduate knows and understands diverse complex conditions of the conducted activities."*

P7U_W = PQF level 7, universal characteristics, knowledge

"The graduate knows and understands in an in-depth manner selected facts, theories, methods and complex interrelationships between them, also in connection with other fields. The graduate knows and understands diverse complex conditions and the axiological context of the conducted activities."

2. PQF level characteristics typical of qualifications obtained in higher education (the second cycle):

P = PQF level (6, 7)

S = characteristics typical of qualifications obtained in higher education

W = knowledge
G = depth and scope
K = context

U = skills
W = use of knowledge
K = communication
O = work organisation
U = learning

K = social competences
K = critical evaluation
O = responsibility
R = professional role

Examples:

P6S_WG = PQF level 6, characteristics typical of higher education qualifications, knowledge - depth and scope.

"The graduate knows and understands at an advanced level – selected facts, objects and phenomena as well as methods related thereto and theories explaining complex interrelationships between them, constituting basic general knowledge within the scope of the scientific or artistic disciplines forming the theoretical basis and selected problems within the scope of detailed knowledge - appropriate for the educational programme, and in the case of the study programme of the practical profile – also practical applications of the said knowledge in the professional activities related to their programme."

P7S_WG = PQF level 7, characteristics typical of higher education qualifications, knowledge - depth and scope.

"The graduate knows and understands in an in-depth manner – selected facts, objects and phenomena as well as methods related thereto and theories explaining complex interrelationships between them, constituting advanced general knowledge within the scope of the scientific or artistic disciplines forming the theoretical basis, ordered and theoretically founded knowledge also including key problems and selected problems within the scope of detailed advanced knowledge - appropriate for the educational programme, and in the case of the study programme of the practical profile – also practical applications of the said knowledge in the professional activities related to their programme. The graduate

knows and understands the major development trends of the scientific or artistic disciplines to which the study programme is assigned – in the case of study programmes of the general academic profile."

3. Where there is no *Description Component Code*, enter a horizontal line.

The explanation of the symbols of learning outcomes compliant with the education standard for the programme Architecture (based on the Regulation of the Minister of Science and Higher Education of the 18th July 2019 on the education standard preparing for practising the architectural profession, Journal of Laws o 2019, item 1359).

GENERAL LEARNING OUTCOMES:

O.W – general learning outcomes in respect of the transferred knowledge

O.U – general learning outcomes in respect of the acquired skills

O.S – general learning outcomes in respect of the acquired social competences

DETAILED LEARNING OUTCOMES:

A.W – learning outcomes in respect of the knowledge transferred within the course group: A. Design

B.W – learning outcomes in respect of the knowledge transferred within the course group: B. Design context

C.W – learning outcomes in respect of the knowledge transferred within the course group: C. Supplementary courses

D.W – learning outcomes in respect of the knowledge transferred within the course group: D. Work placements

E.W – learning outcomes in respect of the knowledge transferred within the course group: E. Diploma project

A.U – learning outcomes in respect of the skills acquired within the course group: A. Design

V.U – learning outcomes in respect of the skills acquired within the course group: B. Design context

C.U – learning outcomes in respect of the skills acquired within the course group: C. Supplementary courses

D.U – learning outcomes in respect of the skills acquired within the course group: D. Work placements

E.U – learning outcomes in respect of the skills acquired within the course group: E. Diploma project

A.S – learning outcomes in respect of the social competences acquired within the course group: A. Design

B.S – learning outcomes in respect of the social competences acquired within the course group: B. Design context

D.S – learning outcomes in respect of the social competences acquired within the course group: D. Work placements

E.S – learning outcomes in respect of the social competences acquired within the course group: E. Diploma project

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[1] Where there are more than one field of science/art or scientific/artistic displine, provide all of them, pursuant to the regulation of the Minister of Science and Higher Education of 20 September 2018 on fields of science and scientific disciplines and artistic disciplines (Journal of Laws of 2018, item 1818).

[2] Provide the appropriate level of the Polish Qualifications Framework in accordance with the Act of 22 December 2015 on the Integrated Qualifications System (Journal of Laws of 2018, item 2153, as amended).

[3] Description of the assumed learning outcomes for a study programme, level and profile takes into account all universal characteristics of the first level specified in the Act of 22 December 2015 on the Integrated Qualifications System, applicable to the given level of the Polish Qualifications Framework.

[4] All characteristics of the second level of learning outcomes specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on the chcharacteristics of the second level of learning outcomes for qualifications at levels 6–8 of the Polish Qualification Framework (Journal of Laws of 2018, item 2218) – part I.

[5] Part III – characteristics of the second level of learning outcomes for qualifications at levels 6 and 7 of the Polish Qualifications Framework enabling obtaining engineering competences (developed descriptions included in part I) specified in the Regulation of the Minister of Science and Higher Education of 14 November 2018 on characteristics of the second level of learning outcomes for qualifications at level 6-8 of the Polish Qualifications Framework.

STUDY PROGRAMME CURRICULUM — 16th March 2022

Faculty of Architecture

Study programme: ARCHITECTURE — Specialising in: No specialisation — Level of the study programme: 1st cycle

Mode of study: full time — Study programme profile: general academic

Field of science: engineering and technology

Leading discipline: architecture and urban sciences - 91% of the ECTS points number

Discipline/disciplines: civil engineering and transport – 4% of the ECTS points number, fine arts and art conservation – 5% of the total ECTS points number;

Code of the study prog. -

Applicable since the academic year 2022/2023

No.	Course group	Course name	HIS	DN	Field of science	No of hours TOTAL	L	PC	Lab	CLab	Dn	S	ECTS	Exam
1.	A.1-1 Design	MODULE 1.A: INTRODUCTION TO DESIGN			8	120	0	0	0	0	120	0	8	0
2.	A.1-2 Design	MODULE 1.B: INTRODUCTION TO ARCHITECTURAL AND CONSTRUCTION DESIGN I			2	30	0	0	0	0	30	0	2	0
3.	A.1-3 Design	MODULE 2.A: PRELIMINARY ARCHITECTURAL AND URBAN DESIGN			8	120	0	0	0	0	120	0	8	0
4.	A.1-4 Design	MODULE 2.B: INTRODUCTION TO ARCHITECTURAL AND CONSTRUCTION DESIGN II			2	30	0	0	0	0	30	0	2	0
5.	A.1-5 Design	MODULE 3.A: DESIGN IN A LOW-DENSITY SINGLE-FAMILY DEVELOPMENT ENSEMBLE		7	7	105	0	0	0	0	105	0	7	0
6.	A.1-6 Design	MODULE 4.B: ARCHITECTURAL AND CONSTRUCTION DESIGN: GENERAL CONSTRUCTION			2	30	0	0	0	0	30	0	2	0
7.	A.1-7 Design	MODULE 5.A: DESIGN IN A HIGH-DENSITY SINGLE-FAMILY DEVELOPMENT ENSEMBLE		7	7	105	0	0	0	0	105	0	7	0
8.	A.1-8 Design	MODULE 5.B: ARCHITECTURAL AND CONSTRUCTION DESIGN: GENERAL CONSTRUCTION AND BUILDING INSTALLATIONS (SERVICES/SYSTEMS)			2	30	0	0	0	0	30	0	2	0
9.	A.1-9 Design	MODULE 6.A: SERVICES BUILDINGS DESIGN		7	7	105	0	0	0	0	105	0	7	0
10.	A.1-10 Design	MODULE 6.B: URBAN PLANNING DESIGN OF PUBLIC SPACES			2	30	0	0	0	0	30	0	2	0
11.	A.1-11 Design	MODULE 7.A: PUBLIC UTILITY BUILDINGS DESIGN I		7	7	105	0	0	0	0	105	0	7	0
12.	A.1-12 Design	MODULE 7.B: ARCHITECTURAL AND CONSTRUCTION DESIGN: GENERAL CONSTRUCTION AND BUILDING INSTALLATIONS (SERVICES/SYSTEMS) II			2	30	0	0	0	0	30	0	2	0
13.	A.1-13 Design	MODULE 8.A: DESIGN OF A MULTI-FAMILY RESIDENTIAL BUILDING IN URBAN DEVELOPMENT		7	7	105	0	0	0	0	105	0	7	0
14.	A.1-14 Design	MODULE 8.B: DESIGN IN THE CONTEXT OF SPATIAL AND URBAN PLANNING REGULATIONS			2	30	0	0	0	0	30	0	2	0
15.	A.1-15 Design	MODULE 9.A: URBAN DESIGN		7	7	105	0	0	0	0	105	0	7	0
16.	A.1-16 Design	MODULE 9.B: URBAN REVITALISATION			1	15	0	0	0	0	15	0	1	0
17.	A.1-17 Design	MODULE 9.C: URBAN INFRASTRUCTURE: TRANSIT			1	15	0	0	0	0	15	0	1	0
18.	A.1-18 Design	MODULE 10.A: PUBLIC UTILITY BUILDINGS DESIGN II		7	7	105	0	0	0	0	105	0	7	0
19.	A.1-19 Design	MODULE 10.B: ARCHITECTURAL AND CONSTRUCTION DESIGN: BUILDING STRUCTURES			2	30	0	0	0	0	30	0	2	0
20.	A.2-1 Design	MODULE 3.B: INTERIOR DESIGN		3	3	45	0	0	0	0	45	0	3	0
21.	A.2-2 Design	MODULE 4.A: RURAL DESIGN AND SPECIALIST DESIGN - RURAL AREAS REVITALISATION			6	90	0	0	0	0	90	0	6	0
22.	B.1-1 Design context	THEORY OF ARCHITECTURAL AND URBAN DESIGN - FUNDAMENTALS OF DESIGN			2	30	30	0	0	0	0	0	2	1
23.	B.1-2 Design context	HISTORY OF URBAN DESIGN			1	15	15	0	0	0	0	0	1	0
24.	B.1-3 Design context	HISTORY OF ARCHITECTURE	4		4	60	60	0	0	0	0	0	4	1
25.	B.1-4 Design context	CONTEMPORARY ARCHITECTURE			2	30	30	0	0	0	0	0	2	1
26.	B.1-5 Design context	LANDSCAPE ARCHITECTURE			1	15	15	0	0	0	0	0	1	0
27.	B.1-6 Design context	ELECTIVE COURSES GROUP B1: DESIGN CONTEXT: HISTORY		6	6	90	45	0	0	0	0	45	6	0
28.	B.1-7 Design context	THEORY OF ARCHITECTURAL AND URBAN DESIGN - PRINCIPLES OF DESIGN			2	30	30	0	0	0	0	0	2	1
29.	B.1-8 Design context	THEORY OF ARCHITECTURAL AND URBAN DESIGN - DESIGN CONDITIONS			2	30	30	0	0	0	0	0	2	1
30.	B.1-9 Design context	THEORY OF URBAN DESIGN			2	30	30	0	0	0	0	0	2	1
31.	B.1-10 Design context	THEORY AND PRINCIPLES OF CITY DESIGN			1	15	15	0	0	0	0	0	1	0
32.	B.1-11 Design context	URBAN AREAS REVITALISATION			1	15	15	0	0	0	0	0	1	0
33.	B.1-12 Design context	CULTURAL HERITAGE AND HISTORIC ARCHITECTURE PROTECTION	1		1	15	15	0	0	0	0	0	1	0
34.	B.1-13 Design context	CULTURAL STUDIES	1		1	15	15	0	0	0	0	0	1	0
35.	B.1-14 Design context	LAW, ECONOMICS, ETHICS AND MANAGEMENT	1		1	15	15	0	0	0	0	0	1	1
36.	B.1-15 Design context	ENVIRONMENT PROTECTION AND ECOLOGY			1	15	15	0	0	0	0	0	1	0
37.	B.1-16 Design context	ELECTIVE COURSES GROUP B1: DESIGN CONTEXT: THEORY		2	2	30	15	0	0	0	0	15	2	0
38.	B.1-17 Design context	ERGONOMICS AND OCCUPATIONAL HEALTH AND SAFETY IN ARCHITECTURE			2	30	30	0	0	0	0	0	2	0
39.	B.1-18 Design context	ELECTIVE COURSES GROUP B1: DESIGN CONTEXT: CONDITIONS		2	2	30	15	0	0	0	0	15	2	0
40.	B.2-1 Design context	GENERAL CONSTRUCTION AND MATERIALS SCIENCE			4	60	60	0	0	0	0	0	4	1
41.	B.2-2 Design context	STATICS AND MECHANICS OF BUILDINGS			4	60	30	30	0	0	0	0	4	1
42.	B.2-3 Design context	GENERAL CONSTRUCTION AND PHYSICS OF BUILDINGS			2	30	30	0	0	0	0	0	2	1
43.	B.2-4 Design context	BUILDING INSTALLATIONS (SERVICES/SYSTEMS) AND URBAN INFRASTRUCTURE			2	30	30	0	0	0	0	0	2	1
44.	B.2-5 Design context	BUILDING STRUCTURES			4	60	60	0	0	0	0	0	4	1
45.	B.2-6 Design context	URBAN INFRASTRUCTURE - ENGINEERING PROBLEMS INCLUDING TRANSIT			2	30	30	0	0	0	0	0	2	1
46.	B.2-7 Design context	ELECTIVE COURSES GROUP B2: DESIGN CONTEXT: TECHNIQUE AND TECHNOLOGY		2	2	30	15	0	0	0	0	15	2	0
47.	B.3-1 Design context	DESCRIPTIVE GEOMETRY				45	0	0	45	0	0	0	3	1
48.	B.3-2 Design context	INTRODUCTION TO COMPUTER AIDED DESIGN				30	0	0	30	0	0	0	2	0
49.	B.3-3 Design context	BASIC TOOLS OF ARCHITECTURAL PRESENTATION: DRAWING, PAINTING, MODELLING AND SCULPTURE			4	60	0	0	60	0	0	0	4	0
50.	B.3-4 Design context	MATHEMATICS				45	0	45	0	0	0	0	3	0
51.	B.3-5 Design context	BASIC PROBLEMS OF COMPUTER AIDED DESIGN				30	0	0	30	0	0	0	2	0
52.	B.3-6 Design context	MODULE 4.C: INTEGRATED TOOLS OF ARCHITECTURAL PRESENTATION I			2	30	0	0	30	0	0	0	2	0
53.	B.3-7 Design context	ELECTIVE COURSES GROUP B3: COMPUTER TECHNIQUES		2		30	15	0	0	0	0	15	2	0
54.	B.3-8 Design context	MODULE 6.C: INTEGRATED TOOLS OF ARCHITECTURAL PRESENTATION II			2	30	0	0	30	0	0	0	2	0
55.	B.3-9 Design context	ELECTIVE COURSES GROUP B3: DESIGN CONTEXT: TECHNIQUES OF ARCHITECTURAL PRESENTATION		2	2	30	0	0	30	0	0	0	2	0
56.	B.3-10 Design context	DESIGN PROCESS ILLUSTRATION			2	30	0	0	30	0	0	0	2	0
57.	C-1 Supplementary courses	FOREIGN LANGUAGE		8		120	0	120	0	0	0	0	8	1
58.	C-2 Supplementary courses	FUNDAMENTALS OF AESTHETICS WITH ELEMENTS OF PHILOSOPHY	1			15	15	0	0	0	0	0	1	0
59.	C-3 Supplementary courses	FUNDAMENTALS OF ART HISTORY	1			15	15	0	0	0	0	0	1	0
60.	C-4 Supplementary courses	FUNDAMENTALS OF ENVIRONMENTAL PSYCHOLOGY	1			15	15	0	0	0	0	0	1	0
61.	C-5 Supplementary courses	FUNDAMENTALS OF SOCIOLOGY	1			15	15	0	0	0	0	0	1	0
62.	C-6 Supplementary courses	ELECTIVE COURSES (NO GROUP)		2		20	0	0	0	0	0	20	2	0
63.	D-1 Work placements	DRAWING PRACTICE			2	30	0	0	0	0	0	30	2	0
64.	D-2 Work placements	URBAN INVENTORY TAKING PRACTICE (WORK PLACEMENT)			4	60	0	0	0	0	0	60	4	0
65.	D-3 Work placements	ARCHITECTURAL INVENTORY TAKING PRACTICE (WORK PLACEMENT)			4	60	0	0	0	0	0	60	4	0
66.	D-4 Work placements	WORK PLACEMENT			30	450	0	0	0	0	0	450	30	0
67.	E-1 Diploma (project)	DIPLOMA DESIGN (PROJECT)		12	12	5	0	0	0	0	5	0	12	0
68.	E-2 Diploma (project)	DIPLOMA (PROJECT) SEMINAR		3	3	42	0	0	0	0	0	42	3	0
69.	E-3 Diploma (project)	SPECIALIST CONSULTATIONS		1	1	3	0	0	0	0	3	0	1	0
70.	Physical Education	Physical Education				60	0	60	0	0	0	0	0	0
	Total		11											
	Number of examinations													

Number "1" in the Exam column signifies examination

Key: L - Lectures, PC - Practical classes, Lab - Laboratory, CLab - Computer Laboratory, DN - Design, S - Seminar

Course group: A.1 Design, A.2 Design, B.1 Design context, B.2 Design context, B.3 Design context, C. Supplementary courses, D. Work placements; E. Diploma project; Physical Education

	Number of hours TOTAL
A1	1245
A2	135
B1	510
B2	300
B3	360
C	200
D	600
E	50
P.E.	60
	3460