UNIVERSITY OF IOANNINA ARCHITECTURE DEPARTMENT

Department of Architecture

Rule of Study – First Professional Degree in Architecture

Contents

1. Curriculum structure

The professional degree studies at the University of Ioannina Architecture Department (henceforth TAM) are completed in ten (10) academic semesters, i.e. five (5) years. Each semester covers 30 ECTS credits (European Credit Transfer and accumulation System). A total of 300 ECTS are required to become a Graduate Architect Engineer. Their completion entails the successful attendance of 44 required courses and 2 elective courses in the first 9 semesters (270 ECTS), while the 10th semester is dedicated to the development of the Diploma Project or Design Thesis (30 ECTS). Individual courses have different weight and varied workload assessed in ECTS (1 ECTS unit corresponds to 25 working hours/semester)
https://ec.europa.eu/education/resources-and-tools/european-credit-transfer- and-accumulation-system-ects_el

The Professional Program of Study (henceforth PPS) for the current year includes 47 courses in five main disciplinary areas including two required electives per semester:

Disciplinary Area	Course Number	Percentage of the total 300 ECTS	ECTS per course
Design	15	57%	11,5
Technology	7	11%	4,57
History	8	8%	3
Representations	7	9%	3,71
Design Theory	8	13%	4,75
Elective Seminars	2	3%	4

2. Studios – Lab-based Courses

Most PPS courses at the Architecture Department, including the diploma project, are studio-based. These are courses in which one or more design assignments are prepared during the semester under the close, especially in the first years, guidance by tutors. For the efficiency of tutoring activities, all effort is made to distribute the total number of enrolled students into Studio Groups (SG) with up to twenty-five members per tutor. Regular attendance by students enrolled in studios is considered an obvious approach for the completion of assignments. Yet, a recording system and a maximum number of permitted absences are not established because consistency is reflected in the deliverables and respectively in the total range of the scoring scale.

Disciplinary Area	Studio Courses	ECTS	Percentage over the total **300** ECTS	ECTS per course
Design	15	172	57%	11,5
Technology	7	32	11%	4,57
Representations	7	26	9%	3,71
Sums:	29	**230**	**77%**	7,93

3. Curriculum structure

The curriculum at TAM is designed to optimize the conditions of study and learning efficiency, in response to the specifics of architectural studies as defined by international practice, relevant European legislations, the requirements of European Certification, and influenced by the curricula of further Architecture Departments at the national level. Of key significance on this are particular characteristics that compose a distinct TAM identity, as well as the delivery of prerequisite knowledge for consecutive semester courses and a balanced distribution of workload.

Courses offered are all required (R) and required electives (RE).

The chronological progression of course attendance in the curriculum, leading from the first all the way to the last semester, ensures optimal results for the educational process, therefore, the majority of enrolled students respond with consistency to the established sequence of courses. For this reason, a system of prerequisite courses has not been established. Particular student cases with increased number of courses pending, are examined by the Assembly, after recommendation of the Student Affairs Committee, in order to help respond with the required workload.

The program for the first cycle of studies includes courses that ensure a proper **foundation** stage addressing the basic disciplinary areas. Reference is made here to 12 courses (1st & 2nd semester) summing 60 ECTS, i.e. 20% of the total 300.

first year program

| | **FALL** SEMESTER | | |
| | 6 | 30 | |
coding	Course Name	ECTS	TU
APY101	Introduction to Architectural Design	12	8
APY104	Building Arts, from invention to implementation 1	6	4
APY105	History of Architecture 1	3	3
APY106	History of Art 1	3	3
APY107	Spatial Representations (Visual Arts 1)	3	4
APY108	Spatial Representations (Visual Arts 1)	3	3

| | **SPRING** SEMESTER | | |
| | 6 | 30 | |
coding	Course Name	ECTS	TU
APY201	Introduction to Urban Design	12	8
APY204	Building Arts, from invention to implementation 2	6	4
APY205	History of Architecture 2	3	3
APY206	History of Art 2	3	3
APY207	Spatial Representations (Digital Media 1)	3	3
APY208	Spatial Representations(Visual Arts 2)	3	4

For the second cycle of studies, the **development** of core courses for the field of Architecture expands over the whole disciplinary spectrum. Reference is made here to 20 courses (3rd, 4th, 5th & 6th semester) summing 120 ECTS, i.e. 40% of 300

second year program

	FALL SEMESTER		
	6	30	
coding	Course Name	ECTS	TU
APY301	Architectural Design 1	12	8
APY302	Theory 1 (Architecture and the City)	4	3
APY304	Architectural Technology 1	4	3
APY305	History of Architecture 3	3	3
APY306	History of Art 3	3	3
APY307	Spatial Representations (Digital Media 2)	4	3

	SPRING SEMESTER		
	6	30	
coding	Course Name	ECTS	TU
APY401	Architectural Design 2	12	8
APY402	Theory 2 (Architecture and Landscape)	4	3
APY404	Architectural Technology 2	4	3
APY405	History of Architecture 4	3	3
APY406	History of Art 4	3	3
APY407	Spatial Representations (Digital Media 3)	4	3

third year program

	FALL SEMESTER		
	4	30	
coding	Course Name	ECTS	TU
APY501	Urban Design 1	10	6
APY502	Theory 3 (Urban Design Theory)	4	3
APY503	Architectural Design 3 (Parametric Design)	10	6
APY504	Special Topics in Design 1	6	4

	SPRING SEMESTER		
	4	30	
coding	Course Name	ECTS	TU
APY601	Urban Design 2	10	6
APY602	Special Topics in Spatial Representations	6	6
APY603	Architectural Design 4	10	6
APY604	Environmental Design & Management	4	3

The third cycle of studies accomplishes a deeper and strengthened knowledge base of the highest level in the field of the Architecture. Reference is made here to 13 courses and research work (7th, 8th & 9th semester) with 90 ECTS, i.e. 30% of 300

fourth year program

FALL SEMESTER

5		30	
coding	Course Name	ECTS	TU
APY701	Architectural Design 5	12	8
APY702	Special Topics in Design 2	6	4
APY703	Theory 4 (Contemporary Design)	6	4
APY704	Theory 5 (Professional Practice)	2	2
APE701	Landscape Design **Elective** 1 (Urban Open Spaces)	4	3
APE702	Urban Design **Elective** 1 (City and Cinema)	4	3

SPRING SEMESTER

5		30	
coding	Course Name	ECTS	TU
APY801	Architectural Design 6 (Heritage: Protection and Reuse)	12	6
APY802	Special Topics in Design 3	6	4
APY803	Theory 6 (Architectural Writing)	4	3
APY804	Statics and Strength of Materials	4	3
APE801	Landscape Design **Elective** 2 (Urban Green Spaces)	4	3
APE802	Urban Design **Elective** 2 (Postwar Utopias)	4	3

fifth year program

FALL SEMESTER

4		30	
coding	Course Name	ECTS	TU
APY901	**Research Thesis**	12	8
APY902	Architectural Design 7	12	8
APY903	Structural Systems	4	3
APY904	Methodology and Foreign Language Seminar	2	2

SPRING SEMESTER

1		30	
coding	Course Name	ECTS	TU
APY1001	Design Thesis – Diploma Project	30	30

Design Thesis (Diploma project) corresponds to 30 ECTS or 10% of 300 and is developed in the 10th semester. The TAM "Diploma Project (Design Thesis) Rules and Evaluation Criteria" specifies the role of one supervisor and a three-member examination board, for the review of topics that reflect the full spectrum and depth of knowledge, and the skills acquired.

4. Level 7 Course Descriptions

fourth and fifth year (2019-2020)

The First Professional Degree Program meets the preconditions for awarding an integrated master's title according to the criteria of paragraph 1, article 46, Legislation 4485/2017, as amended by paragraph 8 of article 42, Legislation 4521/2018, enabling graduates to enroll directly if they wish so, in doctoral studies.

semester	code	Course title / description	ECTS
7	APE701 elective	**Landscape Design Elective 1 (Urban Open Spaces)** The design of urban outdoor space in response to anthropocentric, economic and environmental viewpoints. Historical background and pursuit of environmental design principles in the formation of conditions for pedestrian comfort.	4
7	APY701	**Architectural Design 5** Design project for collective housing in an urban setting. Conditions of habitation, cohabitation, and communal living in "receptor" buildings but also "co-shapers" of the city. Factors in the production, consumption and reception of the 'polykatoikia' apartment building.	12
7	APE702 elective	**Urban Design Elective 1 (City and Cinema)** Cinema as tool for the observation, study and understanding the evolution of cities and especially dystopian critical thinking about urban space.	4
7	APY702	**Special Topics in Design 2** Fundamental and critical characteristics of modern computational analysis and design methods in the complex context of GIS data management and cartographic representation, connote and document strategic spatial decision-making processes in the greater scope of planning at the regional and urban scales.	6
7	APY703	**Theory 4 (Contemporary Design)** The distinguished architectural work of an international scene, of the last ten years, as signified by the architectural offices themselves, through their media presence and lectures in academia.	6
7	APY704	**Theory 5 (Professional Practice)** Design technology and implementation methods evolve dramatically while institutions and legislation offer frequently delayed responses, not always unjustifiably.	2
8	APE801 elective	**Landscape Design Elective 2 (Urban Green Spaces)** The main categories of planting, and environmental, energy-efficiency and social benefits of using plants in design. The role of urban greenery in landscape architecture with bioclimatic and environmental criteria.	4
8	APY801	**Architectural Design 6 (Heritage: Protection and Reuse)** Focusing on a contemporary framework of ideas, principles, methods and documentation techniques, of interpretation, evaluation and intervention in monuments of cultural heritage, both tangible and intangible, and with emphasis on the challenges of adopting global goals of sustainable development, the course addresses several design scales and simulates all stages of an exemplary design project.	12
8	APE802 elective	**Urban Design Elective 2 (Postwar Utopias)** The utopian approaches but also posponed expectations that largely	4

determined the form and function of today's cities.

8	APY802	**Special Topics in Design 3**	6

Exhibition design is a demanding task. Short duration, fast construction and transport requirement impose construction restrictions. The alibi of the ephemeral liberates the creative process.

8	APY803	**Theory 6 (Architectural Writing)**	4

Historiographic display of the evolution of theoretical discourse on the built environment and the thematic deepening in selected sections within the field with emphasis on contemporary issues and problems.

8	APY804	**Statics and Strength of Materials**	4

Issues in the static equilibrium of structures, integrated in the context of mechanics and geometry. The mechanics of deformable bodies examined through technical theories on understanding the basic categories of structural stress.

9	APY901	**Research Thesis**	12

Non-design research with sufficient degree of originality.

Research as inventive production of new knowledge and as original restructuring of existing knowledge. Commentary on the epistemological uniqueness of architecture standing between the arts and sciences, between positive science and humanities. All available research methods available to the architect are introduced (bibliographic, archival, field, mapping, interviews, visual analysis) as well as issues of interdisciplinarity, ethics, morale, good practices.

9	APY902	**Architectural Design 7**	12

Building infrastructure with special functional requirements, such as health facilities or passenger stations, as networks nodes or ends of all kinds. In addition to solving the complex building program, the siting of these facilities restores the architect's role at the core of strategic decision-making that determine the evolution of urban transformations.

9	APY903	**Structural Systems**	4

Issues in the design and analysis of typical bearing systems and relevant case studies with extensive use of parameters from the modern European Regulatory Framework for design and analysis (Eurocodes).

9	APY904	**Methodology and Foreign Language Seminar**	2

Terminology seminar in the languages available from the Center with direct application to the concurrent pursuit of students' Research Thesis.

Detailed course descriptions per semester with learning objectives can be found through:
http://architecture.uoi.gr/department.html

5. Research Thesis Rules and Evaluation Criteria

61st board meeting of Rector's Council 23-09-2020

The Research Thesis aims at developing students' ability to produce new knowledge and enhance research skills; their ability to compose theoretical texts that meet the expectations and standards of scholarly work through the definition and selection of applicable methods, and the handling of bibliographical sources. A Research Thesis includes the formulation of research questions and related theoretical frameworks, literature reviews, an investigation of methods, the archiving and interpretation of findings, as well as the pursuit of conclusions on the contribution of the above to responses toward the central theoretical question. Research Thesis topics are drawn from the full array of thematic areas covered in the Department of Architecture, ranging from theoretical to applied knowledge, as addressed in respective coursework.

The Research Thesis is developed in the ninth semester of studies, and its public presentation takes place at the end of the semester.

Research Thesis submission is required, corresponds to 12 ECTS, the work is prepared during the full term of the ninth semester under the supervision of a Departmental faculty member and is programmatically linked to the cycle of first-professional degree courses offered at the Department. The challenges of the Research Thesis course by Department of Architecture students are completed with its public presentation-defense, in the form of an open lecture with a maximum duration of 30', before a three-member examination committee.

Research Thesis enrollment prerequisite is the completion of at least one hundred and ninety (190) ECTS past the September examination period preceding registration in the 9th semester of studies, thirty (30) of which ECTS concern history and theory courses according to the Departmental Research Thesis Writing Guide.

1. The application for Research Thesis enrollment is submitted to the Department Registrar, after the expiration of the fall semester course registration period. The application form includes reference to the general disciplinary area, the proposed title and a short synopsis describing key research aspects. This application form is accompanied by the consent of the proposed supervisor. The Department Assembly is informed about submitted applications during the first board meeting of the semester.

2. A Research Thesis can be developed by groups of two students.

3. Research Thesis Supervisors can be all faculty members of the Department, adjunct faculty under the GGI 407/80 contract type and university teaching scholarship recipients, with the provision that a Research Thesis will be completed within the framework of their contractual obligations.

4. In the case of procedural or other problems during the Research Thesis assigning or development process, the issue is transferred to the Department Assembly, which responds accordingly.

5. Departmental teaching staff members, elected or contracted, full-time or adjunct, are obliged, to the extent that relevant requests are submitted, to accept the supervision of at least five Research Theses. Acceptance of more applications is at the teachers' discretion.

6. During Research Thesis development and depending on the specifics of the topic, Academic Advisors from relevant academic fields may assist in the supervision, with the supervisor's consent. Academic Advisors are not necessarily appointed during the application and enrollment procedures of Research Thesis.

7. During the development of their Research Thesis students may take advantage of Departmental facilities and relevant equipment. Research is an integral part of the educational process, encouraging the development of collaborations based on the principles of academic dialogue and discourse.

Evaluation - Publication

1. When the research work development has been finalized, and in consultation with the supervisor, students fill in an "Application for Research Thesis Evaluation" including the title and date of presentation. The application form is submitted to the Registrar, signed by the supervisor. This application is accompanied by a Thesis summary of up to one hundred fifty words with five keywords as well as an Originality Report from the copyright and plagiarism software Turnitin.

2. The Research Thesis material is transmitted electronically to the Evaluation Committee members at least ten days before the date of presentation-defense. At this time, a digital copy of the Research Thesis is submitted to the Departmental Secretariat, which, together with the analytical evaluation report, is kept in the library of the Department, in a special Research Theses Archive. Two printed issues are also submitted, the second for the Central Library of the institution. The publication of Research Theses is carried out in the framework of the Institutional repository Olympias at the University of Ioannina. The submitted Research Thesis booklet includes an appr. 8,000 words text, in addition to footnotes and appendices. The authoring of Research Thesis should follow common writing rules for scholarly writing: method, citation, bibliography, refraining from plagiarism.

3. After the Research Thesis presentation, with help and provisions by the Department and with the student's attention, the presentation text, and relevant files (pptx or .pdf) are submitted to the Departmental Secretariat for inclusion in the Department archive of educational and academic work, along with relevant audio or audiovisual material (indicatively: recorded presentation .pptx file, audio file, or public presentation audio-visual file, if any).

4. The schedules for Research Thesis presentation-defense are specified at the end of each examination period. The event is a public, open process carried out in the Departmental premises. The relevant announcement is posted on the website of the Architecture Department three days before the scheduled date.

5. The Research Thesis Evaluation Committee (henceforth RTEC) is composed of three faculty members, including, by default, the supervisor. The RTEC is formed after the supervisor's reasoned outline before the initiation of the examination period as follows: Four faculty members are proposed, from which the student/s of the specific Research Thesis choose two, in order for the final three-member Committee to emerge.

6. The general criteria for evaluating Research Theses are originality, method, adequate bibliographic review, clarity of expression, compliance with scholarly writing rules, graphic design and presentation, and verbal support.

7. The necessary illustrations (drawings, photographs, tables, diagrams, etc.) are considered an integral part of the work and are accounted for at the level of method; of relevant essential documentation and presentation of the topic.

8. The booklet graphic layout and format is at the discretion of its authors and designers, based on the special requirements of the topic. The front cover lists the following: University of Ioannina, Engineering School, Department of Architecture, academic year, title of research project, name of supervisor, consultants if any and the full composition of the student team – the authors. For further aspects, it is suggested to review the Departmental Research Thesis Writing Guide.

9. The grading process by Committee members follows integer or half grades. The final grade is the average of three grades and is rounded up to the closest integer or half grade.

10. The Research Thesis evaluation process includes a written response report, prepared, and submitted to the registrar by the RTEC, including comments by the committee members, individual grades and the final grade.

11. In the context of promoting the Departmental educational work, Research Theses material may be included in relevant activities (reports, workshops, issues, electronic publications, etc.), with the student's consent, which is submitted in writing at the time of Research Thesis submission.

6. Diploma Project (Design Thesis) Rules and Evaluation Criteria

44^η board meeting of Rector's Council 28-5-2019

The Design Thesis or Diploma Project (D.P.) is the culmination of first-professional degree studies, reflecting the breadth and depth of accumulated knowledge, as well as the skills acquired and is prepared after the ninth semester of study. It is a required course, corresponds to 30 ECTS, is prepared during the full duration of the tenth semester under the supervision of one faculty member of the Architecture Department and is programmatically linked to the cycle of first-professional degree courses offered at the Department. The completion of D.P. culminates to the public presentation-defense before an examination committee.

Prerequisite for D.P. enrollment is the completion of at least two hundred and fifty ECTS after the examination period of the ninth semester of studies.

1. The application for D.P. enrollment is submitted to the Department Registrar, during the first two weeks of each semester (fall or spring). The application form includes reference to the general disciplinary area, the proposed title and a short outline describing key project aspects. Application forms are submitted with the consent of proposed supervisors. The Department Assembly is informed about submitted applications during the first board meeting of the semester. The following week, a public presentation of submitted proposals is organized with the participation of Department teachers and students.

2. D.P. can be executed by two-student teams. In exceptional cases a D.P. can be prepared by larger student teams after the supervisor's suggestion to the General Assembly.

3. From the sixth to the eighth week from the initiation of D.P. a pre-presentation is organized for Departmental faculty with the aim of constructive critique and for the information of our academic community.

4. D.P. Supervisors can be all faculty members of the Department, adjunct faculty under the GGI 407/80 contract type and university teaching scholarship recipients, with the provision that a Research Thesis will be completed within the framework of their contractual obligations.

5. In the case of procedural or other problems during the D.P. assigning or development process, the issue is transferred to the Department Assembly, which responds accordingly.

6. Departmental teaching staff members, elected or contracted, full-time or adjunct, are obliged, to the extent that relevant requests have been submitted, to accept the supervision of at least five D.P. Acceptance of more applications is at the teachers' discretion.

7. During Research Thesis development and depending on topic specifics, Academic Advisors from relevant academic fields may assist in the supervision, with the supervisor's consent. Academic Advisors are not necessarily appointed during the application and enrollment procedures of D.P.

8. During the development of their D.P. students may take advantage of Departmental facilities and relevant equipment. Diploma Projects are an integral part of the educational process, encouraging the development of collaborations based on the principles of academic dialogue and discourse.

9. The schedules for D.P. presentation-defense are specified at the end of each examination period and at least ten days before commencement date. The event is a public, open procedure carried out in the Departmental premises. The relevant announcement is posted on the website of the Architecture Department three days before the scheduled date.

10. The D.P. material is submitted to Evaluation Committee members at least ten days before the date of presentation-defense.

11. The Diploma Project Evaluation Committee (henceforth DPEC) is composed of three faculty members, including, by default, the supervisor. The DPEC is formed after the supervisor's reasoned outline before the initiation of the examination period as follows: Four faculty members are proposed, from which the student/s of the specific D.P. choose two, in order for the final three-member Committee to emerge.

12. The grading process by Committee members follows integer or half grades. The final grade is the average of three grades and is rounded up to the closest integer or half grade.

13. The D.P. evaluation process includes a written response report, prepared and submitted to the registrar by the DPEC members, including comments by committee members, individual grades and the final grade.

14. Following D.P. presentation, and obligatorily until the end of the semester, a digital copy of the D.P. is submitted to the Departmental Secretariat for inclusion in the Departmental Archive of educational and academic work and the Departmental library, in a special Diploma Thesis Archive. The publication of D.P. is carried out in the framework of the Institutional repository Olympias at the University of Ioannina.

15. The Department of Architecture organizes on an annual basis an Exhibition of Diploma Projects in the city of Ioannina. The work is presented with the consent of supervisors and students. The Exhibition includes parallel events and lectures related to architectural education.

7. Erasmus+ Selection Criteria

Criteria for the classification and selection of Department of Architecture students for participation in the Erasmus + Program, academic year 2020-2021

Applicant ranking is based on the product k = a * b (≥1100)
a: Average Grade up to the time of application for participation in the Erasmus + Program
b: The sum of ECTS for coursework successfully completed-passed
k ≥ 1100 (1100 is the lowest acceptable score)

Priority is given to language knowledge – referring to primary language(s) of destination institutions – and student portfolio quality. In any case, Erasmus mobility is approved following interviews/discussions with the three-member Committee led by the Departmental Erasmus+ Coordinator under recommendation of the faculty member directing the specific foreign university contact.