



Knowledge, skills and competences

<p>Reference to relevant national provisions concerning the acquired knowledge, skills and competences</p>	<p>The training programme based on modules subordinated to criteria a-k, Art. 46 and contents the theoretical and practical aspects of architectural training pursuant to:</p> <ul style="list-style-type: none"> -Directive 2005/36/EC -Architectural Guide Line 85/384/EWG -UIA-Accord on recommended international standards of professionalism in architectural practice -UNESCO/UIA charter for architectural education -guidelines ASIIN e.V. (Accreditation Agency for Degree Programmes for Higher Education Institution certifying Quality Management Systems in Systems Accreditations in Engineering)
	<p>Please explain how it is ensured that the professional acquires the knowledge, skills and competences listed in Article 46(2) of Directive 2005/36/EC.</p>
<p>Ability to create architectural designs that satisfy both aesthetic and technical requirements (criteria a)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Architectural design and drafting I, II and III (4) Construction and engineering I and II (6) Application in interaction of all subjects, creative design and building design(5) ECTS 15</p> <p>Year 2: Intensification Architectural history and theory of architecture II, III (2) Architectural design and drafting IV (2) Construction and engineering III (1) Application in building physics and building construction, buildings and city, building engineering and building design, design of a building (14) ECTS 19</p> <p>Year 3: In-depth Application in analysis and construction orientated design in existent structures and design of a city (12) Bachelor thesis (3) ECTS 15</p> <p>ECTS first cycle: 49 (plus compulsory electives)</p> <p>Second cycle: master programme (year 1-2) In-depth and extension</p> <p>Design and building construction (18) Design and building design (10) Design and urbanism (10) Architectural history and theory of architecture (15) Creative design and architectural drafting (41) Master thesis (4)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment of 98 ECTS in criteria a)</p> <p>Total ECTS: varies according to individual focus, average 124 ECTS (42%)</p>
<p>Adequate knowledge of the history and theories of architecture and the related arts, technologies and human sciences (criteria b)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Architectural history and theory I (4) Architectural design and drafting II (1) Application in interaction of all subjects (1) ECTS 6</p> <p>Year 2: Intensification Architectural history and theory II, III (4) Architectural design and drafting IV (1) ECTS 5</p> <p>Year 3: In-depth Application in building physics and building construction, buildings and city, building engineering and building design, design of a building (3) Bachelor thesis (2) ECTS 5 (plus compulsory electives)</p> <p>ECTS first cycle: 16 (plus compulsory electives)</p> <p>Second cycle: master programme (year 1-2) In-depth and extension</p> <p>Design and building design (1) Architectural history and theory (8)</p>

	<p>Creative design and architectural drafting (20) Master thesis (2)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment of 32 ECTS in criteria b), minimum 10 ECTS</p> <p>Total ECTS: varies according to individual focus, average 26 ECTS (9%)</p>
<p>Knowledge of the fine arts as an influence on the quality of architectural design (criteria c)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Architectural history and theory I (2) Architectural design and drafting I,II (4) Application in creative design and building design (1) ECTS 7</p> <p>Year 3: In-depth Bachelor thesis (2) Compulsory elective modules of total 58 ECTS with allotment of 2 ECTS in criteria c (according to individual focus students have to prove 21 of offered 58 ECTS) ECTS 2 (plus compulsory elective modules)</p> <p>ECTS first cycle: 9 ECTS (plus compulsory elective modules)</p> <p>Second cycle: master programme (year 1-2) In-depth and extension</p> <p>Design and building design (1) Architectural history and theory (7) Creative design and architectural drafting (26) Master thesis (2)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment of 36 ECTS in criteria c) , minimum 10 ECTS</p> <p>Total ECTS: varies according to individual focus, average 19 ECTS (6%)</p>
<p>Adequate knowledge of urban design, planning and the skills involved in the planning process (criteria d)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Architectural design and drafting I,II (2) Application in interaction of all subjects (1) ECTS 3</p> <p>Year 2: Intensification Architectural design and drafting IV (1) Architectural history and theory III, IV (7) Application in buildings and city, design of a building (4) ECTS 12</p> <p>Year 3: In-depth Application in design of a city (4) Bachelor thesis (2) ECTS 6 plus compulsory elective modules of total 58 ECTS with allotment of 3 ECTS in criteria d (according to individual focus students have to prove 21 of offered 58 ECTS)</p> <p>ECTS first cycle: 21 (plus compulsory electives)</p> <p>Second cycle: master programme (year 1-2) In-depth and extension</p> <p>Design and building design (1) Design and urbanism (24) Architectural history and theory of architecture (4) Master thesis (2)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment of 31 ECTS in criteria d) , minimum 10 ECTS</p> <p>Total ECTS: varies according to individual focus, average 31 ECTS (10%)</p>

<p>Understanding of the relationship between people and buildings, and between buildings and their environment, and of the need to relate buildings and the spaces between them to human needs and scale (criteria e)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Architectural design and drafting I, II, III (4) Application in interaction between all subjects (1) Architectural history and theory I (3) ECTS 8</p> <p>Year 2: Intensification Architectural history and theory II, III (2) Architectural design and drafting IV (1) Application in design of a building (1) ECTS 4</p> <p>Year 3: Application in analysis and construction orientated design in existent structures and design of a city (3) Bachelor thesis (3) Compulsory elective modules of total 58 ECTS with allotment of 5 ECTS in criteria e (according to individual focus students have to prove 21 of offered 58 ECTS) ECTS 6 (plus compulsory elective modules)</p> <p>ECTS first cycle: 18 (plus compulsory elective modules)</p> <p>Second cycle: master programme (year 1-2) In-depth and extension</p> <p>Design and building construction (5) Design and building design (7) Design and urbanism (13) Architectural history and theory (11) Architectural design and drafting (5) Master thesis (2)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment of 44 ECTS in criteria e) , minimum 10 ECTS</p> <p>Total ECTS: varies according to individual focus, average 28 ECTS (10%)</p>
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<p>Understanding of the profession of architect and the role of the architect in society, in particular in preparing briefs that take account of social factors (criteria f)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Architectural design and drafting (1) Application in interaction of all subjects, creative design and building design (2) ECTS 3</p> <p>Year 2: Intensification Architectural history and theory II, III (2) Architectural design and drafting IV (1) Application in buildings and city, design of a building (2) ECTS 5</p> <p>Year 3: In-depth Application in design of a city (2) Compulsory elective modules of total 58 ECTS with allotment of 5 ECTS in criteria f (according to individual focus students have to prove 21 of offered 58 ECTS) ECTS 2 (plus compulsory elective modules)</p> <p>ECTS first cycle: 10 (plus compulsory elective modules)</p> <p>Second cycle: master programme (year 1-2) In-depth and extension Design and building design (2) Design and urbanism (5) Architectural history and theory (14) Plenum (4) Master thesis (1)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment of 26 in criteria f)</p> <p>Total ECTS: varies according to individual focus, average 14 ECTS (4%)</p>
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<p>Understanding of the methods of investigation and preparation of the brief for a design project (criteria g)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Architectural design and drafting I, II (2) Application in interaction of all subjects, creative design and building design (2) Construction and engineering (2) ECTS 6</p> <p>Year 2: Intensification Architectural history and theory II (1) Application in design of a building (1) ECTS 2</p> <p>Year 3: In-depth</p>
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	<p>Application support for bachelor thesis (2) Compulsory elective modules of total 58 ECTS with allotment of 9 ECTS in criteria g (according to individual focus students have to prove 21 of offered 58 ECTS) ECTS 2 (plus compulsory elective modules)</p> <p>ECTS first cycle: 10 (plus compulsory elective modules)</p> <p>Second cycle: master programme (year 1-2) In-depth and extension Design and building construction (2) Design and urbanism (7) Architectural history and theory (6) Architectural design and drafting (15) Master thesis (1)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment of 32 ECTS in criteria g), minimum 10 ECTS</p> <p>Total ECTS: varies according to individual focus, average 21 ECTS (7%)</p>
<p>Understanding of the structural design, and constructional and engineering problems associated with building design (criteria h)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Construction and Engineering I, II (5) Application in building materials and loadbearing structures (1) ECTS 6</p> <p>Year 2: Intensification Construction and engineering III (2) Application in building engineering and building design, building physics and building construction (3) ECTS 5</p> <p>Year 3: In-depth Application in analysis and construction orientated design in existent structures (1) Compulsory elective modules of total 58 ECTS with allotment of 8 ECTS in criteria h (according to individual focus students have to prove 21 of offered 58 ECTS) ECTS 1 (plus compulsory elective modules)</p> <p>ECTS first cycle: 12 (plus compulsory elective modules)</p> <p>Second cycle: master programme (year 1-3) In-depth and extension</p> <p>Design and building construction (18) Design and building design (1) Master thesis (1)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment of 20 in criteria h), minimum 10 ECTS</p> <p>Total ECTS: varies according to individual focus, minimum average 22 ECTS (7%)</p>
<p>Adequate knowledge of physical problems and technologies and of the function of buildings so as to provide them with internal conditions of comfort and protection against the climate, in the framework of sustainable development (criteria i)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Construction and engineering II (1) Application in building materials and loadbearing structure (2) ECTS 3</p> <p>Year 2: Intensification Construction and engineering III (2) Application in building engineering and building design, building physics and building construction (4) ECTS 6</p> <p>Year 3: In-depth Compulsory elective modules of total 58 ECTS with allotment of 1 ECTS in criteria i (according to individual focus students have to prove 21 of offered 58 ECTS) only compulsory elective modules</p> <p>ECTS first cycle: 9 (plus compulsory elective modules)</p> <p>Second cycle: master programme (year 1-2) In-depth and extension</p> <p>Design and building construction (16) Master thesis (1)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment of 17 in criteria i)</p> <p>Total ECTS: varies according to individual focus, average 9 ECTS (3 %)</p>
<p>The necessary design skills to meet building users' requirements within the constraints imposed by cost factors and building regulations (criteria j)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Application in building materials and loadbearing structures (2) ECTS 2</p> <p>Year 2: Intensification Application in building engineering and building design (1) ECTS 1</p>

	<p>Year 3: In-depth Compulsory elective modules of total 58 ECTS with allotment of 1 ECTS in criteria j (according to individual focus students have to prove 21 of offered 58 ECTS) ECTS: only compulsory elective modules</p> <p>ECTS first cycle: 3 (plus compulsory elective modules)</p> <p>Second cycle: master programme (year 1-2) In-depth and extension</p> <p>Design and building construction (8) Master thesis (1)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment 9 ECTS in criteria j)</p> <p>Total ECTS: varies according to individual focus, average 4 ECTS (1 %)</p>
<p>Adequate knowledge of the industries, organisations, regulations and procedures involved in translating design concepts into buildings and integrating plans into overall planning (criteria k)</p>	<p>First cycle: bachelor programme (year 1-3)</p> <p>Year 1: Orientation Construction and engineering II (1) ECTS 1</p> <p>Year 2: Intensification Construction and engineering III (1) ECTS 1</p> <p>Year 3: In-depth Compulsory elective modules of total 58 ECTS with allotment of 9 ECTS in criteria k (according to individual focus students have to prove 21 of offered 58 ECTS) ECTS: only compulsory elective modules</p> <p>ECTS first cycle: 2 (plus compulsory elective modules)</p> <p>Second cycle: master programme (year 1-2) In-depth and extension</p> <p>Design and building construction (1) Design and urbanism (5) Creative design and drafting, construction industry I-IV (20) Master thesis (1)</p> <p>ECTS second cycle: according to individual focus students have to prove 120 ECTS (from 372 ECTS offered in the second cycle with allotment of 27 in criteria k)</p> <p>Total ECTS: varies according to individual focus, average 2 ECTS (1 %)</p>