

			Teaching and Learning Methods					Assessment Methods						
		ELO	Lecture at Classes	Studio Discussion	Workshop at Classes	Field Trip	Field Practices	Display/ Seminar	Individual Presentation	Team Presentation	Discussion	Individual Assignment	Team Assignment	Exam
MC	01	Ability to imagine, think creatively, innovate and become a pioneer in the design	C-04	C-05 C-11 C-18 C-24 C-30 C-35 C-40	C-04			C-05 C-11 C-18 C-24 C-30 C-35 C-40			C-05 C-11 C-18 C-24 C-30 C-35 C-40	C-04	C-04	C-04
	02	Ability to gather information, formulate problems, and analyze (Bachelor Competence)	C-16 C-22 C-38	C-05 C-11 C-18 C-24 C-30 C-35 C-40	C-16	C-30		C-05 C-11 C-18 C-24 C-30 C-35 C-40		C-22 C-38	C-05 C-11 C-18 C-24 C-30 C-35 C-40	C-38 C-22 C-16	C-16 C-22 C-38	C-16 C-22 C-38
	03	Ability to think three-dimensionally in design exploration.	C-04	C-05 C-11 C-18 C-24 C-30 C-35	C-04			C-05 C-11 C-18 C-24 C-30 C-35			C-05 C-11 C-18 C-24 C-30 C-35	C-04	C-04	C-04
	04	Ability to reconcile various factors, integrate knowledge and apply skills		C-05 C-11 C-18				C-05 C-11 C-18			C-05 C-11 C-18			

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		in the creation of a design solution		C-24 C-30 C-35				C-24 C-30 C-35			C-24 C-30 C-35			
05		Awareness of relevant legislation, technical guidelines and standards for the planning, design, construction, health, safety and the use of the built environment	C-12 C-19 C-25 C-31 C-36 C-20 C-21 C-26 C-33	C-18 C-24 C-30 C-35 C-40 C-39 C-41		C-26	C-37	C-18 C-24 C-30 C-35 C-40 C-39 C-41		C-20	C-18 C-24 C-30 C-35 C-40 C-39 C-41	C-12 C-19 C-25 C-31 C-36 C-21 C-20 C-26 C-33	C-19 C-20 C-26 C-33	C-12 C-19 C-25 C-31 C-36 C-20 C-21 C-26 C-33
06		Technical knowledge of structure, materials, and construction	C-06 C-12 C-19 C-25 C-31 C-36 C-13 C-20 C-26			C-20 C-26				C-20		C-06 C-12 C-19 C-25 C-31 C-36 C-13 C-20 C-26	C-06 C-19 C-20 C-26	C-06 C-12 C-19 C-25 C-31 C-36 C-13 C-20 C-26
07		Understanding the process of technical design and the integration of structure, construction technologies,	C-06 C-12 C-19 C-25			C-20 C-26				C-20		C-06 C-12 C-19 C-25	C-06 C-19 C-20 C-26	C-06 C-12 C-19 C-25

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		and system utilities to become effective functional unity	C-31 C-36 C-13 C-20 C-26									C-31 C-36 C-13 C-20 C-26		C-31 C-36 C-13 C-20 C-26
	08	Knowledge of the theory and design methods	C-16 C-22 C-23 C-34		C-16					C-22 C-23 C-34		C-22 C-16 C-23 C-34	C-16 C-22 C-23 C-34	C-16 C-22 C-23 C-34
	09	Understand the procedure and the design process	C-03 C-22							C-03 C-22		C-03 C-22	C-03 C-22	C-03 C-22
	10	Ability to act and to communicate ideas through collaboration, speaking, numeracy, writing, drawing, modeling and evaluation		C-05 C-11 C-18 C-24 C-30 C-35 C-40 C-39 C-41				C-05 C-11 C-18 C-24 C-30 C-35 C-40 C-39 C-41			C-05 C-11 C-18 C-24 C-30 C-35 C-40 C-39 C-41			
	11	The ability to use manual, electronic, graphic and the model making capabilities to explore, develop, define and communicate design	C-17	C-05 C-11 C-18 C-24 C-30	C-17		C-37	C-05 C-11 C-18 C-24 C-30			C-05 C-11 C-18 C-24 C-30	C-17 C-37		

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		proposals		C-35 C-40 C-39 C-41				C-35 C-40 C-39 C-41			C-35 C-40 C-39 C-41			
	12	Ability to develop scientific writings	C-14	C-39			C-37	C-39			C-39	C-14 C-37		C-14
	13	Understanding the professional ethics and code of ethics as applied in the practice of architecture and the legal responsibility of the architect where the architect registered or practicing	C-29									C-29		C-29
	14	Understanding academic ethics	C-03	C-39				C-39		C-03	C-39	C-03	C-03	C-03
	15	Understanding religious values in personal lives and society	C-32				C-42					C-32	C-32	C-32
	16	Understanding the role as a citizen, and are able to use national and international languages	C-01 C-02 C-14									C-01 C-02 C-14		C-01 C-02 C-14
SC	01	Ability to act with knowledge of historical and	C-08 C-15			C-08 C-15				C-08 C-15			C-08 C-15	C-08 C-15

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		cultural precedents in local and world architecture												
02	Ability to design that applies the knowledge of art and its influence on the quality of architectural design	C-04 C-10	C-05 C-11 C-18 C-24 C-30 C-35 C-40	C-04			C-05 C-11 C-18 C-24 C-30 C-35 C-40			C-05 C-11 C-18 C-24 C-30 C-35 C-40	C-04 C-10	C-04 C-10	C-04	
03	Understanding the issues of cultural heritage in the built environment	C-08			C-08				C-08			C-08	C-08	
04	Awareness of the links between architecture and other creative disciplines	C-04 C-10		C-04							C-04 C-10	C-04 C-10	C-04	
05	Ability to act with knowledge about society, and to work with clients and users that represent society's needs	C-29				C-37					C-29 C-37		C-29	
06	Ability to compose TOR for projects through the definition of user needs, both the community and clients, and to research	C-16 C-27	C-18	C-16			C-18			C-18	C-16 C-27	C-16	C-16 C-27	

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		and define contextual and functional requirements for different types of built environment												
07		Understanding the social context where the built environment exist, ergonomic and space requirements and issues of equity and access	C-09 C-28								C-09 C-28	C-09 C-28	C-28	
08		Ability to act with knowledge of natural systems and built environments	C-09			C-37					C-09 C-37	C-09	C-09	
09		Understanding the issues of conservation and waste management	C-26			C-26					C-26	C-26	C-26	
10		Understanding the recycling of materials, issues of ecological sustainability, environmental impacts, design for reduced use of energy, passive systems, and energy management	C-09 C-20 C-21 C-26	C-24		C-20 C-26	C-24			C-24	C-09 C-21 C-20 C-26	C-09 C-20 C-26	C-09 C-21 C-20 C-26	

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11	Awareness of the history and practice of landscape architecture, urban design, regional and national planning, and their relationship to local and global demography and resources	C-08 C-15 C-28	C-18 C-30		C-08 C-15		C-18 C-30			C-18 C-30	C-08 C-15 C-28	C-08 C-15 C-28	C-08 C-15 C-28	
12	Awareness about management of natural systems into the risk of natural disasters	C-09 C-25	C-24 C-30				C-24 C-30			C-24 C-30	C-09 C-25	C-09 C-25	C-09 C-25	
13	Understanding utility systems, systems of transportation, communication, maintenance and safety of the building	C-25 C-26	C-11 C-18 C-24 C-30		C-26	C-37	C-11 C-18 C-24 C-30			C-11 C-18 C-24 C-30	C-25 C-26 C-37	C-26 C-37	C-25 C-26	
14	Awareness of the role of technical documentation and specifications in the implementation of the design and construction process, cost planning and control	C-19 C-25 C-27	C-24 C-30			C-37	C-24 C-30			C-24 C-30	C-19 C-25 C-27 C-37	C-19	C-19 C-25 C-27	

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15	Ability to act with innovative technical competence in the use of building techniques and the understanding of their evolution	C-20 C-36				C-20						C-36 C-20	C-20	C-36 C-20
16	Knowledge of design precedents and architectural criticism	C-22 C-38	C-24 C-30 C-35 C-40 C-39 C-41				C-24 C-30 C-35 C-40 C-39 C-41		C-22	C-24 C-30 C-35 C-40 C-39 C-41	C-22 C-38	C-22 C-38	C-22 C-38	
17	Ability to act with knowledge of professional context, business, finance and law	C-27 C-29				C-37						C-27 C-29 C-37	C-27	C-27 C-29
18	Ability to understand different forms of procurement of architectural services	C-27 C-29				C-37						C-27 C-29 C-37	C-27	C-27 C-29
19	Awareness of construction and development industry work, financial dynamics, real estate investment, and facilities management	C-27 C-29 C-28 C-33				C-37						C-27 C-29 C-28 C-37	C-27 C-28 C-33	C-27 C-29 C-28 C-33

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20	Awareness of the potential role of architects in conventional activities and new fields of activity, as well as in the international context	C-03 C-27 C-29				C-37			C-03		C-03 C-27 C-29 C-37	C-03 C-27	C-03 C-27 C-29	
21	Understanding the business principles and their application to the development of the built environment, project management and professional consultants function	C-27 C-29				C-37					C-27 C-29 C-37	C-27	C-27 C-29	
22	Understanding the systems of evaluation, that use manual and / or electronic method for assessing the performance of the built environment	C-21	C-35 C-40				C-35 C-40			C-35 C-40	C-21		C-21	
UC 01	Able to do design research		C-18 C-24 C-30 C-35 C-40				C-18 C-24 C-30 C-35 C-40			C-18 C-24 C-30 C-35 C-40				

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				C-39 C-41				C-39 C-41			C-39 C-41			
02	Master the skill of designing based on scientific or quasi-scientific studies			C-18 C-24 C-30 C-35 C-40 C-39 C-41				C-18 C-24 C-30 C-35 C-40 C-39 C-41			C-18 C-24 C-30 C-35 C-40 C-39 C-41			
03	Understand and apply basic research methods of architecture, including research design, data analysis, and interpretation			C-39				C-39			C-39			
04	Able to create a design study of the complete field of architecture			C-39				C-39			C-39			
05	Able to do publicity work through exhibitions, web, or seminar	C-04		C-05 C-11 C-18 C-24 C-30 C-35 C-39 C-41				C-05 C-11 C-18 C-24 C-30 C-35 C-39 C-41			C-05 C-11 C-18 C-24 C-30 C-35 C-39 C-41	C-04	C-04	C-04

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06	Understanding the architectural drawing system to image detail and is capable of using design software and the supporters	C-19 C-25 C-31 C-17	C-24 C-30	C-17		C-37	C-24 C-30			C-24 C-30	C-19 C-25 C-31 C-17 C-37	C-19 C-25 C-31	C-19 C-25 C-31	
07	Understand and able to prepare Budget Plan and Bill of Quantities (RKS)	C-19 C-25 C-07	C-30			C-37	C-30			C-30	C-19 C-25 C-07 C-37	C-19 C-25	C-19 C-25 C-07	
08	Possession of good soft skills (leadership, teamwork, integrity, discipline, conflict management, to network)		C-05 C-11 C-18 C-24 C-30 C-35 C-40 C-41			C-37	C-05 C-11 C-18 C-24 C-30 C-35 C-40 C-41			C-05 C-11 C-18 C-24 C-30 C-35 C-40 C-41	C-37			
09	Having entrepreneurship skills	C-27									C-27	C-27	C-27	
10	Fast learners to update the science and technology	C-12 C-19 C-25 C-31 C-36	C-05 C-11 C-18 C-24 C-30	C-17	C-20 C-26		C-05 C-11 C-18 C-24 C-30		C-22	C-05 C-11 C-18 C-24 C-30	C-12 C-19 C-25 C-31 C-36	C-12 C-19 C-25 C-31 C-36	C-12 C-19 C-25 C-31 C-36	

