Course Information

Course Title	Code	Semester	L+P Hour	Credits	ECTS
Conversion of Exisiting Buildings	ARCH 518	Spring	3 + 0	3	7

Prerequisites	-

Language of Instruction	English
Course Level	Master Program
Course Type	Elective
Course Coordinator	Assist. Prof. Dr. Moira VALERI
Instructors	Assist. Prof. Dr. Moira VALERI
Assistants	
Goals	Exploiting the design potential of Recycle as a new cre-active strategy and a tool for urban design. Learning to know and use architectural devices to bring back to life "dead" buildings through the study of samples from art and architectural world.
Content	Recycled architecture is an integral element in contemporary design practices. Changing urban areas and old buildings in line with the needs of the age is possible with obtaining appropriate information about these transformation strategies.

Learning Outcomes	Program Learning Outcomes	Teaching Methods	Assessment Methods
Ability to prepare design project and/or research by employing his/her knowledge and generate new methods and ideas	2, 4, 7	1, 2, 3, 4	A, B, C
Ability to conduct research, evaluate, make critical analysis, employ approriate techniques and reach unique results.	1, 2, 4	1, 3, 4	A, B, C

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion, 4: Seminar, 5: Project, 6: Teamwork; 7: Technical excursion
Assessment Methods:	A: Testing, B: Jury, C: Homework, D: Quiz

COURSE CONTENT

Week	Topics	Study Materials
1	Introduction	
2	Lecture	
3	Workshop	
4	Lecture	
5	Workshop	
6	Lecture	
7	Workshop	
8	Presentation	
9	Workshop	
10	Workshop	
11	Workshop	
12	Workshop	
13	Workshop	
14	Workshop	

RECOMMENDED SOURCES

Textbook	- AA.VV, 2010. *Maintaining Biodiversity By Protecting The Environment*, Dessau: Federal Environment Agency (AAVV 2010). - Aymonino, A., and ., Mosco, V.P.2006. *Contemporary Public Space. Un-volumetric Architecture*, Milan: Skira (Aymonino, Mosco 2006). - Ciorra, P., and Marini, S. 2012. *Recycle. Strategies for Architecture, City and Planet*, Milan: Electa (Ciorra, Marini 2012). - Koolhaas, R., 2014. *Preservation is overtaking us*, New York: GSAPP Books (Koolhaas 2014). - Petzet M., Heimeyer F., ed. 2012. *Reduce, Reuse, Recycle. Architecture as Resource*, catalogue of the German Pavilion at 13th International Architecture Exhibition La Biennale di Venezia 2012. (Petzet, Heimeyer 2012). Rietveld R., Rietveld E., Bey J., Mackic A., Visser B.,van de Wiel E., Zoeteman M., 2014. *Vacancy Studies. Experiments and Strategic Interventions in Architecture*, Rotterdam: Nai010 (Rietveld et al. 2014).
Additional Resources	- Calvino I., *Invisible cities*, Mariner Books, New York, 1978. - De Certeau M., *The Practice of Everyday Life*, University of California Press,. Berkeley, 1984.

- Auster P., *In the Country of Last Things*, Penguin Books, London, 1987.
- Vidler, A.,1994. *The Architectural Uncanny. Essays in the Modern Unhomely*. MIT Press. (Vidler 1994).
- Mehta S., *Maximum City: Bombay Lost and Found* , Vintage, New York, 2005.

MATERIAL SHARING

Documents	It will be shared during the lesson.
Documents	Seminar
Exams	Mid-term, Final

ASSESSMENT

IN-TERM STUDIES	NUMBER	PERCENTAGE
Mid-terms	1	40
Quizzes		
Project		
Seminar and presentation	1	10
Assignment		
Final	1	50
Total		**100**
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE		50
CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE		50
Total		**100**

COURSE CATEGORY	Expertise/Field Courses

COURSE'S CONTRIBUTION TO PROGRAM

No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1	Acquires knowledge of and comprehends socio-economic and spatial elements, and processes which necessitates urban design and also involves outputs of design projects.			x		

#		1	2	3	4	5
2	Has the competence for producing a comprehensive architectural project from the beginning of schematic design to detailed system development phase (structural and environmental systems, safety and fire protection, partition systems, building envelop, building service systems).					
3	Has the ability to employ the experience gained from architectural building to new fields and generate strategies.					
4	Has the knowledge of approaches, models and techniques which will improve the efficiency in managerial tasks and management of a architectural project and construction.					
5	Has the knowledge of principles of the modern load-bearing systems and application methods.					
6	Has the ability to transfer and apply architectural knowledge to design and application processes.					
7	Has the ability to employ theoretical and practical field-related knowledge with reference to their undergraduate competence.					
8	Has the ability to conduct research, evaluate, make critical analysis, employ appropriate techniques and reach unique results.		x			
9	Has the competence of relating to project and construction processes, analyzing and evaluating within the framework of architectural structure.					
10	Has the competence of taking strategic decisions of an architectural project and generating unique architectural solutions.					
11	Has the competence of systematically presenting a work- carried out individually or as a group work- visually, orally and in written by employing required computer programs.					
12	Has the knowledge of relation of urban design with architecture and other fields of expertise.					
13	Has the ability to prepare urban design project and/ or research by employing his/her knowledge and generating new methods and ideas.		x			
14	Has the ability to include socio-economic and spatial criteria into design process.					
15	Has the ability to conduct research, acquire knowledge, make analysis and synthesis, and use those for unique outputs.					
16	Has the competence of managing a project in urban design field individually.					
17	Has the competence of conducting a unique academic/ scientific study, presenting it and discussing it on a dialectic basis.					

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION

Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration (Including the exam week: 14 x Total course hours)	14	3	42
Hours for off-the-classroom study (Pre-study, practice)	14	6	84
Mid-terms	1	3	3

Quizzes			
Project			
Seminar and presentation	1	3	3
Assignment	14	3	42
Final examination	1	3	3
Total Work Load			177
Total Work Load / 25			7.08
ECTS Credit of the Course			7