

DEPARTMENT OF CITY AND REGIONAL PLANNING
2020-2021 FALL SEMESTER
POSTGRADUATE COURSES ECTS DOCUMENTS
ENGLISH

OBLIGATORY COURSE

COURSE DESCRIPTION FORM	
Course Code and Name	83FBE7001 SCIENTIFIC RESEARCH METHODS AND ETHICS
Course Semester	1
Course Catalog Description (Content)	Basic concepts related to scientific research methods, ethical principles, scientific research principles, methods and techniques, stages of scientific research proposal
Main Textbook	Büyüköztürk, Ş. ve diğerleri (2018) <i>Bilimsel Araştırma Yöntemleri</i> . Ankara Pegem Akademi Yayıncılık Kırbaş, D. & Ekim Çevik, F. (2017). <i>Bilimsel Araştırma Yöntemleri ve Araştırma Etiği</i> . İstanbul: Nobel Tıp Kitapevi Arıkan, R. (2000). <i>Araştırma Teknikleri ve Rapor Yazma</i> . Ankara: Gazi kitapevi Cebeci, S. (2015). <i>Bilimsel Araştırma ve Yazma Teknikleri</i> . İstanbul: Alfa Yayınları
Supplementary Textbooks	Yıldırım, H. & Şimşek, H. (2008). <i>Sosyal Bilimlerde Nitel Araştırma Yöntemleri</i> . Ankara: Seçkin. Erkuş, A. (2017). <i>Davranış Bilimleri İçin Bilimsel Araştırma Yöntemleri</i> . Ankara: Seçkin. Day, R.A. (1996). <i>Bilimsel Makale Nasıl Yazılır, Nasıl Yayımlanır?</i> . Ankara: Tübitak Hafner, A.W. (1998). <i>Descriptive Statistical Techniques for Librarians</i> . Chicago.
Course Credit (ECTS)	6
Prerequisites of the Course (Attendance Requirements)	There are no prerequisite or co-requisite for this course.
Type of the Course	Obligatory
Instruction Language	Turkish
Course Objectives	To recognize scientific research principles and methods and to use them effectively in the research process
Course Learning Outcomes	Students are expected to acquire: <ol style="list-style-type: none"> 1. Recognizes scientific research principles and methods 2. Determines the method and technique appropriate for the purpose of the study subject 3. Applies ethical principles in scientific research process 4. Designs a research proposal in the related field
Instruction Methods	This course is only conducted face to face
Weekly Schedule	<ol style="list-style-type: none"> 1. The basic concepts of research (Science, scientific method). 2. Scientific research and information about scientific research processes (Research methodology, finding a topic, defining the issue, selecting an issue, purpose, importance and limitations) 3. Preparing a research proposal 4. Method (Research model and its kinds) 5. Population and sampling (Definition and kinds) 6. Collecting data (Definition, kinds and sources) 7. Data collection techniques (observation, questionnaire, interview, literature review) 8. Technical qualities of measurement tool/ processing data, analysis and interpretation 9. Summary, conclusion, suggestions and writing a report 10. Basic information about the concept of ethics

	11. The violation of ethics and unethical attitudes. Publication ethics and its basic rules. Unethical behaviors and violation of ethics during the process of publication, author's rights issues, biased publication/The ethical evaluation of editorial ethical academic publications 12. Ethical rules of research/ Examining unethical publication samples 13. Writing a report in accordance with scientific writing rules 14. Final exam																																
Teaching and Learning Methods <i>(This section should be filled carefully, as the time required for the stated activities will determine the course credit)</i>	Weekly theoretical course hours Weekly practicing course hours Reading Activities Internet researches, library studies Material design and implementation Preparing a report Preparing a presentation Presentation Midterm and preparation for midterm																																
Assessment Criteria	<table border="1" data-bbox="687 696 1305 1413"> <thead> <tr> <th></th> <th>Number</th> <th>Total contribution (%)</th> </tr> </thead> <tbody> <tr> <td>Midterm</td> <td>1</td> <td>40</td> </tr> <tr> <td>Assignment</td> <td></td> <td></td> </tr> <tr> <td>Practice (Presentation, report)</td> <td>3</td> <td>60</td> </tr> <tr> <td>Projects</td> <td></td> <td></td> </tr> <tr> <td>Practice</td> <td></td> <td></td> </tr> <tr> <td>Quiz</td> <td></td> <td></td> </tr> <tr> <td>The ratio of studies done to success during the semester</td> <td></td> <td>60</td> </tr> <tr> <td>The ratio of finals to success</td> <td></td> <td>40</td> </tr> <tr> <td>Attendance</td> <td></td> <td></td> </tr> </tbody> </table>				Number	Total contribution (%)	Midterm	1	40	Assignment			Practice (Presentation, report)	3	60	Projects			Practice			Quiz			The ratio of studies done to success during the semester		60	The ratio of finals to success		40	Attendance		
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	Preparing Reports	3	6	18
	Preparing Presentation	3	6	18
	Presentation	3	6	18
	Midterm and Preparation for Midterms	1	12	12
	Final Exams and Preparation for Finals	1	12	12
	Other			0
	Total Workload			159
	Total Workload /25			6.36
	ECTS Credit of the Course			30

Contribution Level Between Course Learning Outcomes and Program Outcomes	No	Program Outcomes	1	2	3	4	5
	1	Course develops student's skills of expression and research					
	2	Grasping the inter-disciplinary interaction related to his field					
	3	The ability to use the expert-level theoretical and practical knowledge acquired in his field					
	4	Interpreting and forming new types of knowledge by combining the knowledge from the area and the knowledge from various other disciplines					

	5	Solves the issues of his field by using scientific methods					X
	6	The ability to carry out a specialist study related to his area independently					
	7	Developing new strategic approaches to solve the unforeseen and complex problems arising in the practical processes					
	8	Coming up with solutions while taking responsibility					
	9	Fulfilling the leader role in the environments where solutions are sought for the problems related to his field					
	10	Evaluates issues with a critical eye and encourages learning					
	11	Transferring the current developments in the area and his/her own work within the national and international environments orally, visually and in written forms					
	12	Ability to see and develop					

		social relationships and the norms directing these relationships with a critical look and the ability to take action to change these when necessary					
	13	Having proficiency in a foreign language and establishing written and oral communication with that language			X		
	14	Uses computer programs competent enough for his department			X		
	15	Using communication technologies efficiently and according to the needs of the department					
	16	Collects data related to the field, reviews and makes conclusions; implements and shares them by considering ethical values					
	17	Develops different perspectives related to the field, plans them and assesses them within the quality framework					
	18	Internalizes the knowledge					

	gained in the field, transforms it into a skill and uses it with interdisciplinary studies					
The Course Lecturer(s) and Contact Information	Prof. Dr. Ebru Vesile ÖCALIR AKÜNAL ebruocalir@gazi.edu.tr					

ELECTIVE COURSES

Course Description Form	
Course Code and Name	CRP5091 URBAN AESTHETICS
Course Semester	Fall/Spring
Catalog Content	To examine the development and changing meaning of the concept of urban aesthetics in historical perspective as a tool of urban planning and design; to have knowledge about methods of evaluation of urban aesthetics. To comprehend the effect of urban aesthetics on urban life.
Textbook	<p>Berlyne, D.E (1974), <i>Studies in the New Experimental Aesthetics</i>, New York, John Wiley and Sons.</p> <p>Beardsley, M. C. (1982). <i>The aesthetic point of view</i>, Ithaca, NY: Cornell University Press.</p> <p>Berlyne, D. E. (1974). <i>Studies in the new experimental aesthetics: steps toward an objective psychology of aesthetic appreciation</i>. Halsted Press.</p> <p>J. Nasar (1988). Perception and evaluation of street scenes. In J. L. Nasar (Ed.), <i>Environmental aesthetics: Theory research, and applications</i> (pp. 275-289). New York: Cambridge University Press.</p>
Supplementary Textbooks	<p>Arnheim, R., (1974) <i>Art and Visual Perception: A Psychology of the Creative Eye</i> University of California Press, Berkeley.</p> <p>Berleant, A (2007), 'Deconstructing Disney World, <i>The Aesthetics of Human Environments</i>, Ed. Edited by Arnold Berleant and Alien Carlson, Broadview Press.</p> <p>Carlson, A., (2007), 'On Aesthetically Appreciating Human Environments', <i>The Aesthetics of Human Environments</i>, Ed. Edited by Arnold Berleant and Alien Carlson, Broadview Press.</p> <p>J. Nasar (1994) "Urban Design aesthetics. The evaluative quality of build exterior aesthetics." http://journals.sagepub.com/doi/abs/10.1177/001391659402600305</p>
Credit	7
Prerequisites of the Course (Attendance Requirements)	Course attendance is obligatory.
Type of the Course	Elective
Instruction Language	Turkish
Course Objectives	To understand the development and changing meaning of urban aesthetics in the historical process, to have information about the methods of evaluating urban aesthetics, to understand the impact of urban aesthetics on urban life.
Course Learning Outcomes	<ul style="list-style-type: none"> -Understanding the impact of the aesthetics of the city on the social and economic structure of the city. -Understanding the impact of urban aesthetics on urban life. -Understand the importance of urban built environment components in the formation of urban aesthetics.
Instruction Methods	The mode of delivery of this course is Face to face.
Weekly Schedule	<p>Week 1: Definition of Aesthetics</p> <p>Week 2: Theories of Aesthetic Assessment</p> <p>Week 3: Urban Aesthetics and Its Different Dimensions</p> <p>Week 4: The Development and Changing Meaning of Urban Aesthetics in Historical Perspective</p> <p>Week 5: The Development and Changing Meaning of Urban Aesthetics in Historical Perspective</p> <p>Week 6: Methods of Evaluating Urban Aesthetics (Objective Methods)</p> <p>Week 7: Methods of Evaluating Urban Aesthetics (Objective Methods)</p> <p>Week 8: Methods of Evaluation of Urban Aesthetics (Subjective Methods)</p> <p>Week 9: Methods of Evaluation of Urban Aesthetics (Subjective</p>

	Methods) Week 10: Urban Aesthetics and Urban Experience Week 11: Urban Aesthetics / Social Context Week 12: Urban Culture and Urban Aesthetics Week 13: Urban Aesthetics- Built Environmental Characteristics Week 14: Visual Aesthetics and Perception																																																														
Teaching and Learning Methods <i>(These are examples. Please fill which activities you use in the course)</i>	Weekly theoretical course hours: 3 Weekly applied course hours: 0 Reading Activities: 3 Internet browsing, library work: 2 Designing and implementing materials: 0 Report preparing: 2 Preparing a Presentation: 1 Presentations: 2 Preparation of Midterm and Midterm Exam: 6 Final Exam and Preparation for Final Exam: 8																																																														
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Contribution Level Between Course Learning Outcomes and Program Outcomes

No	Program Outcomes	1	2	3	4	5
1	Course develops student's skills of expression and research					X
2	Grasping the inter-disciplinary interaction related to his field				X	
3	The ability to use the expert-level theoretical and practical knowledge acquired in his field					X
4	Interpreting and forming new types of knowledge by combining the knowledge from the area and the knowledge from various other disciplines					X
5	Solves the issues of his field by using scientific methods					X
6	The ability to carry out a specialist study related to his area independently				x	
7	Developing new strategic approaches to solve the unforeseen and complex problems arising in the practical processes					X

	8	Coming up with solutions while taking responsibility					X
	9	Fulfilling the leader role in the environments where solutions are sought for the problems related to his field				X	
	10	Evaluates issues with a critical eye and encourages learning				X	
	11	Transferring the current developments in the area and his/her own work within the national and international environments orally, visually and in written forms				X	
	12	Ability to see and develop social relationships and the norms directing these relationships with a critical look and the ability to take action to change these when necessary					X
	13	Having proficiency in a foreign language and establishing written and oral communication with that language					X
	14	Uses computer programs					X

		competent enough for his department					
	15	Using communication technologies efficiently and according to the needs of the department				X	
	16	Collects data related to the field, reviews and makes conclusions; implements and shares them by considering ethical values					X
	17	Develops different perspectives related to the field, plans them and assesses them within the quality framework					X
	18	Internalizes the knowledge gained in the field, transforms it into a skill and uses it with interdisciplinary studies					X
The Course's Lecturer(s) and Contact Informations		Prof. Dr. Ayşe TEKEL CUBEIRO atekel@gazi.edu.tr					

Course Description Form	
Course Code and Name	CRP5071 RESILIENT PLANNING
Course Semester	Fall / Spring
Catalog Content	Instilling ecological, climate-friendly and disaster-sensitive perspectives on urban planning.
Textbook	Ö.Y. Ercoşkun (2012) Green and Ecological Technologies for Urban Planning: Creating Smart Cities Hershey, PA: Information Science Publishing
Supplementary Textbooks	<p>Bogunovich, D. (2002) Eco-tech cities: Smart metabolism for a green urbanism, The Sustainable City II, (Eds.) Brebbia C.A., Martin-Duque&L.C. Wasdhwa, Witpress, London, pp. 75-84.</p> <p>Coaffee, J. (2008). Risk, resilience, and environmentally sustainable cities. Energy Policy, 36, 4633-4638.</p> <p>Ercoşkun , Ö.Y. (2010) "Green Urban Planning and Design for Smarter Communities", Organizational Communication and Sustainable Development (eds.) A.Hallin, T.Karrbom Gustavsson, IGI Global, ABD, s.41-59.</p> <p>EU (2004) Urban Design for Sustainability, Final Report of the Working Group on Urban Design for Sustainability to the European Union Expert Group on the Urban Environment, Austria.</p> <p>Gauzin-Müller, D., Sustainable Architecture and Urbanism, Birkhäuser, Berlin, (2002).</p> <p>Hall, A.C. (1996) Design Control: Towards a New Approach, Butterworth Architecture, Oxford.</p> <p>Godschalk, D.R. (2003). Urban hazard mitigation: creating resilient cities. Natural Hazards Review ASCE, 4(3),136-143.</p> <p>Holmgren, D., Permaculture: Principles&Pathways beyond Sustainability, Holmgren Design Services, (2007).</p> <p>Hopkins, R., The Transition Handbook, Green Books, Devon, UK, (2008)</p> <p>Kazimee, B. A., "Sustainable urban design paradigm: twenty five simple things to do to make an urban neighborhood sustainable", The Sustainable City II: Urban Regeneration and Sustainability, 31-41, (2002).</p> <p>Marras, A. (1999) ECO-TEC Architecture of the In-Between, Princeton Architectural Press, New York, pp. 3-6.</p> <p>Register, R. (1987) Ecocity Berkeley Building Cities for a Healthy Future, North Atlantic Books, California.</p> <p>Newman, P. ve Jennings, I. (2008) Cities as Sustainable Ecosystems Principles and Practices, Washington D.C., Island Press.</p> <p>Newman, P., Beatley, T., Boyer, H. (2009). Resilient cities responding to peak oil and climate change. Washington DC: Island Press.</p> <p>Raven, J. (2010). Cooling the public realm climate-resilient urban design. Paper presented at the meeting of 1st World Congress on Cities and Adaptation to Climate Change Resilient Cities 2010, Bonn, Germany.</p> <p>UNISDR, United Nations international strategy for disaster reduction. (2010). Making cities resilient: my city is getting ready. 2010-2011 World Disaster Reduction Campaign Report. Geneva: UN.</p> <p>Slessor, C., Eco-tech: Sustainable Architecture and High Technology, Thames&Hudson, (1997).</p> <p>Van Der Ryn, S., Cowan, S. (1996) Ecological Design, Island Press, Washington D.C.</p>

Credit	7			
Prerequisites of the Course (Attendance Requirements)	Course attendance is obligatory			
Type of the Course	Graduate elective course			
Instruction Language	English			
Course Objectives	Instilling ecological, climate-oriented and disaster-sensitive perspective to urban planning.			
Course Learning Outcomes	Students can gain basic knowledge for planning the urban life environment with a disaster-sensitive and climate-friendly holistic approach that includes ecological-technological, socio-spatial components.			
Instruction Methods	Face-to-face education			
Weekly Schedule	1. Week: Introduction, General Information About Course Content and Homework, General Concepts and Definitions: Resilience, Urban Resilience 2. Week: Global Threats and Urban Problems 3. Week: Durability and Adaptability Capacity 4. Week: Spiral dynamic and durable urban approaches 5. Week: Durable Societies 6. Week: 1st Midterm 7. Week: Social Capital, Equality and Economy 8. Week: The Role of Eco-Technologies, Information and Communication Technologies and Geographic Information Systems 9. Week: Compliance and Risk Reduction Strategies 10. Week: Identification of Stakeholders for Local Strength Action Plan and 11. Week: Local Strength Action Plan 12. Week: Student Presentations 13. Week: Student Presentations 14. Week: Evaluation, Discussion			
Teaching and Learning Methods <i>(These are examples. Please fill which activities you use in the course)</i>	Weekly theoretical course hours: 3 Weekly applied course hours: 0 Reading Activities: 4 Internet browsing, library work: 2 Designing and implementing materials: 0 Report preparing: 2 Preparing a Presentation: 1 Presentations: 2 Preparation of Midterm and Midterm Exam: 6 Final Exam and Preparation for Final Exam: 8			
Assessment Criteria		Numbers	Total Weighting (%)	
	Midterm Exams	1	30	
	Assignment	1	30	
	Application			
	Projects			
	Practice			
	Quiz			
	Percent of In-term Studies (%)		60	
	Percentage of Final Exam to Total Score (%)		40	
	Attendance			
Workload	Activity	Total Number of Weeks	Duration (weekly hour)	Total Period Work Load
	Weekly Theoretical Course Hours	14	3	42

	Weekly Tutorial Hours					0	
	Reading Tasks	12		4		48	
	Studies	12		2		24	
	Material Design and Implementation					0	
	Report Preparing	6		3		18	
	Preparing a Presentation	5		1		5	
	Presentations	12		2		24	
	Midterm Exam and Preperation for Midterm Exam	1		6		6	
	Final Exam and Preperation for Final Exam	1		8		8	
	Other (should be emphasized)					0	
	Total Workload					175	
	Total Workload / 25					7	
	Course Credit (ECTS)					7	
	Contribution Level Between Course Learning Outcomes and Program Outcomes	No	Program Outcomes	1	2	3	4
1		Course develops student's skills of expression and research					x
2		Grasping the inter-disciplinary interaction related to his field					x
3		The ability to use the expert-level theoretical and practical knowledge acquired in his field					x
4		Interpreting and forming new types of knowledge by combining the knowledge from the area and the knowledge from various other disciplines					x
5		Solves the issues of his field by using				x	

		scientific methods					
	6	The ability to carry out a specialist study related to his area independently					x
	7	Developing new strategic approaches to solve the unforeseen and complex problems arising in the practical processes				x	
	8	Coming up with solutions while taking responsibility				x	
	9	Fulfilling the leader role in the environments where solutions are sought for the problems related to his field				x	
	10	Evaluates issues with a critical eye and encourages learning					x
	11	Transferring the current developments in the area and his/her own work within the national and international environments orally, visually and in written forms					x
	12	Ability to see and develop social relationships and the norms directing these					x

		relationships with a critical look and the ability to take action to change these when necessary					
	13	Having proficiency in a foreign language and establishing written and oral communication with that language				x	
	14	Uses computer programs competent enough for his department				x	
	15	Using communication technologies efficiently and according to the needs of the department				x	
	16	Collects data related to the field, reviews and makes conclusions; implements and shares them by considering ethical values					x
	17	Develops different perspectives related to the field, plans them and assesses them within the quality framework					x
	18	Internalizes the knowledge gained in the field, transforms it into a skill and uses it with					x

	interdisciplinary studies					
The Course's Lecturer(s) and Contact Informations	Prof. Dr. Özge Yalçın Ercoşkun ozgeyal@gazi.edu.tr					