



Çanakkale Onsekiz Mart University

Education Information System

[DEGREE PROGRAMMES](#)[BOLOGNA](#)[THE INSTITUTION](#)[INFO FOR STUDENTS](#)You are here : [Home](#) [Master's Degree& Doctorate Degree](#) [Physics \(Master\)](#) [Selected Topics In Cosmology I](#) **Course Information**

Course Information

COURSE INFORMATION

Course Title	Code	Semester	L+U Hour	Credits	ECTS
Selected Topics In Cosmology I	FZ 5067		3 + 0	3.0	7.5

Prerequisites	None
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Language of Instruction	Turkish
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Course Level	Second Cycle
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Course Type	Elective
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Mode of delivery	Face to face
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Course Coordinator	Assist. Prof. Dr. Melis ULU DOĞRU
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Instructors	Assist. Prof. Dr. Melis ULU DOĞRU Prof. Dr. İsmail TARHAN Assist. Prof. Dr. Sezgin AYGÜN
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Assistants	
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Course Objectives	have the consider about the hot topics in cosmology, use and to application later theoretical knowledge about cosmology
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Course Content	set for hot topics in recent years of cosmology. investigate these hot subjects in cosmology and to choose one or two subjects of them to scan the studies on choosing topics Previous studies of choosing topics and applications-I Previous studies of choosing topics and applications -II Previous studies of choosing topics and applications -III Previous studies of choosing topics and applications -IV Previous studies of choosing topics and original considers of them-I Previous studies of choosing topics and original considers of them-II Previous studies of choosing hot topics and original considers of them-III Original considers of choosing topics and applications-I Original considers of choosing topics and applications -II Original considers of choosing topics and applications -III Students presentation of Original considers of choosing topics and applications
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Course Learning Outcomes	1) have skill to determine the specifical subject and to investigate the subject. 2) have experience to product new problem about the subject investigated in the literature. 3) have skill about the writing original paper.
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Quick Access

Physics (Master)

[Qualification Awarded](#)[Level of Qualification](#)[Qualification Requirements and Regulations](#)[Specific Admission Requirements](#)[Recognition of Prior Learning](#)[Profile of the Program](#)[Program Key Learning Outcomes](#)[Occupational Profile of Graduates](#)[Access to Further Studies](#)[Course Structure & Credits](#)[Exam Regulations & Assessment & Grading](#)[Graduation Requirements](#)[Mode of Study](#)[Programme Director\(or Equivalent\)](#)[Evaluation Questionnaire](#)[TYYÇ](#)

Course Information

[Course Information](#)[Weekly Course Content](#)[Resources](#)[Assessment](#)[Course Category](#)[CONTRIBUTION OF COURSE LEARNING OUTCOMES TO PROGRAMME OUTCOMES](#)[ECTS credits and course workload](#)

WEEKLY COURSE CONTENT

Week	Topics	Teaching and Learning Methods and Techniques	Study Materials
1. Week	to set for hot topics in recent years of cosmology.	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	

2. Week	to investigate these hot subjects in cosmology and to choose one or two subjects of them	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
3. Week	to scan the studies on choosing topics	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
4. Week	Previous studies of choosing topics and applications-I	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
5. Week	Previous studies of choosing topics and applications -II	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
6. Week	Previous studies of choosing topics and applications -III	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
7. Week	Previous studies of choosing topics and applications -IV, misterm evam	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
8. Week	Previous studies of choosing topics and original considers of them-I	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
9. Week	Previous studies of choosing topics and original considers of them-II	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
10. Week	Previous studies of choosing hot topics and original considers of them-III	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
11. Week	Original considers of choosing topics and applications-I	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
12. Week	Original considers of choosing topics and applications -II	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
13. Week	Original considers of choosing topics and applications -III	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
14. Week	Students presentation of Original considers of choosing topics and applications	Oral lectures with interactive discussions, Homeworks, Applications, Pratic	
15. Week	general review	Oral lectures with interactive discussions,	

		Homeworks, Applications, Pratic
16. Week	Final exam	Exam

RESOURCES

Recommended Sources
1)Introduction to cosmology, M.Roos, Wiley, Chichester, 1997.
2)Gravitation and Cosmology, S. Weinberg, Wiley, Chichester, 1972.
3) An Introduction to Modern Cosmology, Ansrew Liddle, Wiley, Chichester, 1998.

ASSESSMENT

Measurement and Evaluation Methods and Techniques		
Mid-term exam, final exam, question-answer, presentation, quiz exam, other		
In-Term Studies	Quantity	Percentage
Mid Term Exam 1	1	40
Total	1	40
End-Term Studies	Quantity	Percentage
Final Exam	1	60
Total	1	60
Contribution Of In-Term Studies To Overall Grade		40
End-Term Studies		60
Total		100

COURSE CATEGORY

Course Category	Percentage
Area of pECIALIZATION Courses	% 100

CONTRIBUTION OF COURSE LEARNING OUTCOMES TO PROGRAMME OUTCOMES

Programme Outcomes	Contribution Level	DK1	DK2	DK3
<u>PY1</u>	5	5	5	5
<u>PY2</u>	3	3	3	3
<u>PY3</u>	5	5	5	5
<u>PY4</u>	3	3	3	3
<u>PY5</u>	3	4	4	4
<u>PY6</u>	5	5	5	5
<u>PY7</u>	4	4	4	4
<u>PY8</u>	4	4	4	4
<u>PY9</u>	5	5	5	5
<u>PY10</u>	3	4	4	4
<u>PY11</u>	4	4	4	4
<u>PY12</u>	5	5	5	5
<u>PY13</u>	4	4	4	4

<u>PY14</u>	4	4	4	4
<u>PY15</u>	5	5	5	5

*DK = Course's Contribution.

	0	1	2	3	4	5
Level of contribution	None	Very Low	Low	Fair	High	Very High

ECTS CREDITS AND COURSE WORKLOAD

Event	Quantity	Duration (Hour)	Total Workload (Hour)
Final Exam	1	3	3
Presentation/Seminar	5	3	15
Class Hours (14 weeks)	14	3	42
Mid Term Exam 1	1	2	2
Final Exam Preparation	1	30	30
Mid Term Exam Preparation	1	30	30
Further Study	5	3	15
Research&Project	10	5	50
Quiz 1	6	1	6
Total Workload			193
Total Workload / 25.5 (s)			7.57
ECTS Credit of the Course			8