

SCIENCE TEACHING PROGRAMS

1	Course Title:	SCIENCE TEACHING PROGRAMS	
2	Course Code:	FEN2204	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	4	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. Salih Çepni	
15	Course Lecturers:	-	
16	Contact information of the Course Coordinator:	cepnisalih@uludag.edu.tr cepnisalih@yahoo.com	
17	Website:		
18	Objective of the Course:	Participants are informed about the history, characteristics and implementation of science teaching programs; gain the competence to transfer this information to the classroom.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Knows the basic concepts of curriculum.
		2	Understands the learning approaches in science curriculum.
		3	Examines the learning areas and achievements of the science teaching program.
		4	Understands the measurement and evaluation approaches of science teaching program.
		5	Comprehends teacher competencies in science teaching program.
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Meet Introducing the Course Content Basic Concepts of Curriculum		
2	Reflections of Science, Science and Technology Concepts on Education Programs		

3	Program Development in Education	
4	The Development of Science and Technology Programs From Past to Present	
5	Approaches and Contents of Current Science Teaching Programs	
6	Skills Aimed to Develop by Current Science Teaching Programs	
7	Midterm Exam	
8	Learning Institutions and Their Applications in Science Education	
9	Learning Institutions and Their Applications in Science Education	
10	Distribution and limits of the achievements in the science teaching program according to the classes The relationship between science teaching program and other courses	
11	Methods, techniques, tools and materials used in science teaching program	
12	Assessment and Evaluation Approach in Science Education Program	
13	Teacher Competencies	
14	Final Exam	

22	Textbooks, References and/or Other Materials				
Activites			Number	Duration (hour)	Total Work Load (hour)
Theoretical			14		
Midterm Exam	1	40.00		2.00	28.00
Practicals/Labs			0	0.00	0.00
Self study and preparation			12		
Home work-project	0	0.00		5.00	60.00
Homeworks			0	0.00	0.00
Projects			0		
Total	2	100.00		0.00	0.00
Field Studies			0	0.00	0.00
Midterm Exams			1	2.00	2.00
Others			0	0.00	0.00
Final Exams			1		
Total		100.00		2.00	2.00
Total Work Load					92.00
Total work load/ 30 hr					3.07
ECTS Credit of the Course					3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	1	1	5	1	1	5	2	2	1	1	1	1	5	3	5	2
ÖK2	3	1	5	5	1	5	5	4	1	1	1	1	5	5	5	3
ÖK3	1	1	5	5	1	5	5	5	1	1	1	1	5	3	5	1
ÖK4	1	1	5	1	1	5	3	5	1	1	1	1	5	3	5	1

ÖK5	1	1	5	1	1	5	1	3	5	4	4	5	5	1	5	5
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			