Course Syllabus

Code - Course Title	**OKÖ229 - Early Childhood Science Education**
Course Type	V. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DOÇ. DR. ÜMRAN ALAN

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	N/A
Recommended Resources	Berrin Akman, Gülden Uyanık-Balat, Tülin Güler-Yıldız (Ed.) Erken Çocuklukta Fen EğitimiEvrim Genç-Kumtepe (Ed.), Çocuk, Bilim ve Teknoloji. Anadolu Üniversitesi Yayınları Akman, B. (2003).Okulöncesinde Fen Eğitimi. Yaşadıkça Eğitim Dergisi, 79,14-16.
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction	
Week - 2		Nature of Science and Characteristics	
Week - 3		Why do we teach science in early childhood education? Goals of science education Roles of teachers and families	
Week - 4		Science teaching environments and approaches	
Week - 5		Conceptual Development Measurement & evaluation in science education	
Week - 6		Biology Living and nonliving concepts Plants	
Week - 7		Biology Animals Human Body	
Week - 8		Biology Food and nutrition Ecosystem	
Week - 9		Physical Science and Activities I	
Week - 10		Physical Science and Activities II	
Week - 11		Physical Science and Activities III	
Week - 12		Nature of Substance and Activities I	
Week - 13		Nature of Substance and Activities II	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Nature of Substance and Activities III	

Learning Outcomes

#	Learning Outcome
1	Will be able to explain main components of early childhood science education.
2	Will be able to discuss conceptual development in early childhood years.
3	Will be able to explain concepts regarding early childhood science content.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.