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| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Course Name** | | **Code** | **Semester** | **T+U** | **Credit** | **ECTS** | | **Science and Nature Activities in Preschool** | |  | 3 | 2+0 | 2 | 3 | | Prerequisite Courses |  | | | | | | | Language of the Course | Turkish | | | | | | | Type of Course | Departmental Elective | | | | | | | Course Coordinator |  | | | | | | | Instructor |  | | | | | | | Course Assistants |  | | | | | | | The aim of lesson | This lesson aims students to know the importance of science and nature activities, recognize teaching methods and materials used in science and nature teaching, and gaining knowledge and skills. | | | | | | | Course Learning Outcomes | At the end of this course, the student;  1- Explains importance of early childhood science and nature education.  2- Prepares science experiments content.  3- Makes presentation about science education. | | | | | | | Course Content | The place and importance of science and nature activities in early childhood education, the formation of science-related concepts, basic scientific processing areas to be used in science education and examples of activities related to processing areas, science education methods used in preschool programs, the role of the teacher in science education, preparing activities using basic science concepts. | | | | | | | **Weeks** | **Topics** | | | | | | | 1 | Importance of science and nature activities in early childhood education | | | | | | | 2 | Formation of concepts related to science | | | | | | | 3 | Activity samples | | | | | | | 4 | Science education methods | | | | | | | 5 | The role of the teacher in science education | | | | | | | 6 | Environment and nature education | | | | | | | 7 | Science and nature activities in preschool programs | | | | | | | 8 | Activities used in pre-school science education | | | | | | | 9 | Basic science concepts | | | | | | | 10 | Basic science concepts | | | | | | | 11 | Basic science concepts | | | | | | | 12 | Basic science concepts | | | | | | | 13 | Preparing activities | | | | | | | 14 | Preparing activities | | | | | |  |  | | --- | | **General Competencies** | | Students are expected to understand the main topics of this course and use it in their fields and practices. | | **References** | | Özdaş , A. (2004). *Preschool Science and Mathematics Teaching.* Anadolu University Press. | | **Evaluation System** | | It is stated in the syllabus at the beginning of the semester. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **PROGRAM LEARNING OUTCOMES**  **AND COURSE LEARNING OUTCOMES RELATIONSHIP TABLE** | | | | | | | | | | | | | | | | |  | **PO1** | | **PO2** | **PO3** | | **PO4** | **PO5** | | **PO6** | **PO7** | | **PO8** | **PO9** | | **PO10** | | **LO1** | 3 | | 4 | 2 | | 3 | 1 | | 1 | 2 | | 2 | 2 | | 2 | | **LO2** | 4 | | 5 | 5 | | 5 | 2 | | 2 | 2 | | 2 | 2 | | 2 | | **LO3** | 5 | | 5 | 5 | | 4 | 2 | | 2 | 2 | | 2 | 2 | | 2 | | **LO: Learning Outputs PO: Program Outputs** | | | | | | | | | | | | | | | | | **Contribution**  **level** | | **1 Very Low** | | | **2 Low** | | | **3 Medium** | | | **4 High** | | | **5 Very High** | |   Relation of Program Outcomes and Related Course   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Lesson** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | | Preschool Science and Nature Activities | 4 | 5 | 4 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | |