

<b>Level:</b> bachelor				
<b>Course title:</b> Didactics				
<b>Status:</b> elective				
<b>ECTS:</b> 6				
<b>Requirements:</b> none				
<b>Learning objectives</b> Getting skills for solving practical problems in training and education and encouraging cooperation with other experts and clients who achieve professional communication in profession.				
<b>Learning outcomes</b> Students should develop: -General ability: Knowing the basic principles, methods and procedures in research and education; - Subject-specific skills: Knowing the basic principles, methods and procedures in professional research and education.				
<b>Syllabus</b> <i>Theoretical instruction</i> Educational research focuses on the didactics and methodology of teaching science. Research project. The content of the project. Methods in educational research. The method of observation. Methods and instruments for data collection. Selection procedures and instruments. The characteristics of the instruments. Interview. Survey. Testing. Systems analysis as a methodological approach. Models and modelling. Teaching as a process of studying and learning. Types of teaching in our educational system. The different systems of teaching. The process of getting knowledge in science. Teaching and learning process. Factors of Teaching. The content of education. Theories about choosing teaching content. Curriculum. Concept and types of didactic principles. Definition and classification of teaching methods. Method based on observation. Method based on monologue. Method based on dialog. Method based on text. Method based on experiment. Method based on practical work. Programming of teaching and learning. Educational excursions. The forms of teaching. Teaching aids. Revision and evaluation of knowledge.  <i>Practical instruction</i> Preparation of preliminary design. Development of instruments for data collection: interviews, surveys, test. Application of system analysis. Development of a model. Making preparations for teaching.				
<b>Weekly teaching load</b>				Other:-
Lectures: 3	Exercises: 2	Other forms of teaching: 0	Student research:-	