

# SCIENTIFIC RESEARCH PRACTICE

## INTERNSHIP COURSE SYLLABUS ABSTRACT

7-06-0716-03 Instrumentation  
(speciality code and name)

Information systems and technologies for non-destructive testing and diagnostics  
(concentration)

Advanced higher education

	STUDY MODE	
	full-time	part-time
Year	1	2
Semester	2	3
Total course duration in hours / credit units	162/5	

### 1. Internship course outline (aims and objectives)

The purpose of the practice is to acquire experience in conducting scientific research, solving urgent scientific and technical problems, consolidating the knowledge and skills gained in the process of theoretical training in the magistracy, applying innovative technologies for measuring the physical and chemical properties of materials and industrial products, creating and updating quality management systems, solving social and professional problems.

### 2. Course learning outcomes

Upon completion of the course, students will be expected to know:

- actual scientific problems, ways of solving socio-professional problems, ways of applying innovative technologies and conducting scientific research in the direction 7-06-0716-03 "Instrument making";

be able to:

- present the results of the work performed on the research topic;

to possess skills:

- of conducting the analysis of technological processes, assessing the performance and reliability of equipment, optimizing real technological and other processes

### 3. Form of midcourse evaluation.

Intermediate certification in practice is a differentiated test.