

## **Economic Statistics**

**Degree:** Bachelor

**Year:** 2019/2020

**Semester:** Spring

**General workload:** 5 ECTS credits, 180 hours

### **Goals and objectives of the course**

To shape a scientific worldview and acquire basic knowledge of the methodology of statistics.

### **Key didactic units**

Concept, method and objectives of economic statistics. Statistical observation. Statistical observation result presentation. Summary statistics. Selective observation. Statistical examination of the interrelationships of social and economic phenomena. Examination of dynamics of social and economic phenomena and processes. Index analysis method. Population statistics and labor market statistics. Statistics of productivity and statistics on wages. Statistical examination of national wealth. System of national accounts. Main indicators of finance statistics. Statistical examination of the standards of living.

### **Place of the discipline within the curriculum**

The course is a course within the professional training module in the curriculum of bachelor program No. 38.03.01 in Economics (concentration: International Finance (in English)).

### **Upon completing the course, the students should:**

#### **Know:**

- Basic concepts, categories, methods used for constructing generalizing statistical indicators and their examination;
- The modern statistical indicator system reflecting the state and development of economic and social phenomena and processes, formats of federal statistical observation and financial statements;
- Statistical tools used by federal statistics bodies' for observation of financial and non-financial sector companies' operations;

#### **Be able to:**

- Develop a statistical observation program, use statistical methods of information processing, measuring the changes in social and economic phenomena, identifying and assessing their interrelationships;
- Calculate the key statistical indicators, apply statistical analysis methods to solve practical problems, and interpret the results obtained;

#### **Have:**

- Practical skills needed for conducting statistical research to solve economic problems;

- Practical skills needed for applying statistical methods to social and economic information processing;
- Practical skills needed for examining indicators that characterize social and economic phenomena and processes when making managerial decisions.

**Course structure:** lectures, seminars, practicals, independent student work, test

**Summative assessment:** examination