**1. Name of module:** Statistics

**2. The unit code:** MTUB\_6\_OND.27\_5

**3. Type module:** compulsory

**4. Semester:** 3

**5. The volume of the module:** total hours - 150 (ECTS credits - 5); contact hours - 60 (lectures - 30 hours, Practical - 30 hours).

**6. Lecturer:** Oleynik Katerina Andriyivna

**7. Learning outcomes:**

Following the completion of the module a student **must:**

**know:** the principles of modern organization of the national statistical service; category, the concept of statistics; methods of collection, processing statistical observation

**able to:** organize and nesutsilne continuous surveillance; analyze data using general indicators, methods of statistical modeling and forecasting; build statistical tables and graphs

**8. Method of delivery:** auditorium classes

**9. Necessary preliminary and co-requisites:**

**prerekvizyty** mathematics for economists

**10. Course contents:**

Methodological principles of statistics. Statistical observation. Summary and grouping of statistical data. Generalizing statistics. Analysis division series. Analysis of concentration, differentiation and similarity distributions. Statistical methods of measuring relationships. Analysis intensity dynamics. Analysis of trends and fluctuations. Index method. Selective method. Submission of statistical tables, charts, maps

**11. Suggested Reading:**

1. Статистика. Лугінін О. Є. Підручник.2-е видання, перероблене та доповнене – К.: Центр учбової літератури, 2007. – 608 с.
2. Статистика. Щурик М.В. Підручник .– Львів. „Магнолія – 2006” ,2009. – 545 с.
3. Статистика. Матковський С. О. Підручник. – Львів. „Новий Світ-2000”, 2009 – 430 с.

**12. Methods:** lectures, practical classes

**13. Assessment methods:**

• Current control (80%) - oral interviews, testing, individual educational and research objectives

• Final control (20%) - credit (theoretical questions, tasks, tests)

**14. Language of instruction:** Ukrainian