**1. Name of module:** Information systems management

**2. The unit code:** MTUB\_8\_DFV.04\_4

**3. Type module:** Variable

**4. Semester:** 1

**5. The volume of the module:** total hours - 120 (ECTS credits - 4); contact hours - 34 (including lectures - 16 hours, practical - 18 hours).

**6. Lecturer:** Barvinok Maxim Volodymyrovich

**7. Learning outcomes:**

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

**know:** basic concepts and definitions in the modern management in terms of quality management systems, information and processes.

**able to:** differentiate between requirements for information systems in quality management and product requirements, identify problems of resource and energy conservation, efficiency, technology and applied technologies in various industries.

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

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

prerekvizyty: informatics, economics, information technology.

korekvizyty: accounting, accounting and audit, a comprehensive record of budgetary institutions in the field of automation.

**10. Course contents:** Information systems and computerized means of improving economic and organizational management objects. Characteristics of information systems. Means for normalization of economic information. Company information database management information processing systems, databases and data warehouses. Organizational and methodological basis for the creation and operation of information systems. The main types of information systems organization. E-commerce. Virtual offices and organizations, virtual business.

**11. Suggested Reading:**

1. Інформаційні системи в менеджменті : підручник : Затв. МОН України для студентів ВНЗ / В. О. Новак, В. В. Матвєєв, В. П. Бондар, М. О. Карпенко. – К. : Каравела, 2012. – 536 с.

2. Економічна інформатика та комп‘ютерна техніка : підручник : Затв. МОН України для студентів ВНЗ / В. С. Григорків, Л.Л. Маханець, Р.Р. Білошкурський та ін. – Чернівці : Книги – ХХІ, 2009. – 395 с.

3. Мельникова О. П. Економічна інформатика / О. П. Мельникова. – К.: Центр учбової літератури, 2010. – 432 с.

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

**13. Assessment methods:**

• Current control (75%) - oral interviews, testing, individual scientific-research tasks

• Final control (25%) - exam (theoretical questions)

**14. Language of instruction:** Ukrainian