1. General information about the module

- Module code: **KHN206**
- Vietnamese module designation: **Ứng dụng kỹ thuật hạt nhân trong công nghiệp**
- English module designation: **Applied nuclear technique in industry**
- Credit points: 4
- Workload:

  - Contact Hours: Lectures, lesson: 60 hours (in class)
  - Lab works, project, seminar: 0 hours
  - Exercise: 0
  - Private study: 120 hours

- Type of module: Specialized Knowledge
- Required and recommended prerequisites for joining the module:

  - Fundamental of Radioactivity Physics
  - Radiation Detection and Measurement methods
  - Nuclear Safety and Dosimetry
  - Nuclear Structure and Reaction
  - General Nuclear Physics

2. Brief description of the modules

This course presents fundamental knowledge, principles, implementation procedures, setups, system construction, and practical applications of transmission methods, radioactive isotope labeling, radiographic imaging, and radiation technology.