

Group V

Personal Development Competences

These modules are designed to acquire and/or develop additional specialised competences

- Transport System (Rasa Žygienė) LT, R.**

The module provides knowledge of transport systems, their physical and functional components, influencing factors and types of transport. It introduces the characteristics of individual transport modes for passenger and/or freight transport, and reviews current issues and future perspectives of transport systems globally and in Lithuania.
- Historic Gardens (Zigmantas Brazauskas) LT, R, P.**

The module introduces students to the historical development of architecture and planted landscapes (gardens).
- My Future Homestead (Raimondas Šadzevičius) LT, ENG, R, P.**

The module provides fundamental knowledge of construction and develops both general and specialised competences in homestead design, construction and maintenance.
- Wood Processing and Drying (Giedrius Vaičiukynas) LT, R, P.**

The module provides knowledge of primary wood processing and drying, including modernisation and automation of processing facilities, machinery and tools used for cutting, maintenance procedures, sawing schemes, formation and storage of timber stacks, economic evaluation, protection methods, kiln construction, hydrothermal treatment and drying technologies.
- Medicinal Forest Plants (Sandra Saunoriūtė) LT, ENG, R, P.**

Students will acquire knowledge of the taxonomic diversity of medicinal forest plants, their identification principles and morphological characteristics. The structure of vegetative and generative organs, diagnostic features and their significance in plant identification within natural forest ecosystems are analysed. Key aspects of the use of medicinal plants and their significance in traditional and contemporary practice are discussed.
- Herbaceous Plant Communities (Sandra Saunoriūtė) LT, ENG, R, P.**

The module provides knowledge of the structure and species diversity of herbaceous plant communities. It analyses component species, their interactions and the influence of ecological factors on community structure and function. Students develop skills in identifying plant species, assessing community composition and determining ecological functions based on field observations and theoretical analysis.
- Floristry (Jolanta Malijonienė) LT, ENG, R, P.**

The floristry course introduces the fundamental elements and principles of floral design, styles of phytodesign compositions, and techniques for plant arrangement and fixation. During practical sessions, students create various functional floral compositions and integrate them into environmental settings.