
Course title: FIELD BOTANY

ECTS credit allocation (and other scores): 2 ECTS

Semester: spring

Level of study: ISCED-6 - first-cycle programmes (EQF-6)

Branch of science: Natural sciences

Language: English

Number of hours per semester: 20

Course coordinator/ Department and e-mail: dr hab. Monika Szczecińska/Department of Botany and Nature Protection

Type of classes: classes

Substantive content

CLASSES: This field course focuses on identification and classification of native and naturalized flowering plants of Poland including historical, climatic, and floristic aspects of plant communities. Identification major plant families and common species of plants. Observations and practical recognition of plant species in the forest communities (coniferous forest, deciduous forest), peat bogs, ruderal and meadow communities. Understanding ecological factors that determine plant communities and the interactions between plants. Understanding and using plant terminology, dichotomous keys, and other plant identification skills. Learning standard curatorial practices, including data entry and preparation of herbarium labels, and the use of modern classification systems.

LECTURES: (min. 500 znaków, max. 600 znaków - usuń nawias po zamieszczeniu treści)

Learning purpose: The main goal of the course is provide students with a general knowledge about diversity of native flora of Poland.

Knowledge: Student knows the principles of field floristic observations. Describes methods for collecting plants material. Recognizes common native species of plants, lists their diagnostic features, gives their Polish and Latin names.

Skills: Students recognizes native plant species and uses botanical terminology

Social Competencies: Understands the principles of an ethical collection of botanical materials. Student is able to work in a group.

Basic literature: 1. Rutkowski L., Klucz do oznaczania roślin naczyniowych Polski niżowej. , wyd. PWN Warszawa, 2004, t. -, s. s. 634; 2) Szafer W., Kulczyński S., Pawłowski B., , Rośliny Polskie, wyd. PWN Warszawa, 1976, t. -, s. s.1020; 3) Rothmaler W., Exkursionflora von Deutschland, wyd. Spektrum Akademischer Verlag. Heidelberg- Berlin, 2000, t. -, s. s.754;

Supplementary literature: 1) Hejny S., Slavik B., Flora of the Czech Republic, wyd. Academia, Praha, 1977, t. 1-8, s. -

The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 0,84 ECTS

Student's independent work: 1,16 ECTS