

Course name: Vegetables and herbs in ornamental gardens

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| ECTS | 4 |
| Course status | <i>facultative</i> |
| Course final assessment /evaluation of outcomes | <i>test and design work - plan a home garden</i> |
| Prerequisite | <i>basics of plant biology (vegetables, aromatics)</i> |

Main field of study:

Agriculture and Horticulture (Erasmus+)

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| Educational profile | <i>general academic</i> |
| Code of studies and education level | <i>bachelor/engineer (SI) or master of science (SM)</i> |
| Semester of studies | <i>summer</i> |
| Language of instruction | <i>English</i> |

Course offered by:

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| Name of faculty offering the course | Faculty of Biotechnology and Horticulture |
| Name of department offering the course | Department Horticulture |
| Course coordinator | dr hab. inż. Elżbieta Jędrszczyk, dr inż. Joanna Gil |

Learning outcomes:

| Symbol of outcome | Description of the learning outcome | Reference to main field of study outcomes | Area symbol* |
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| KNOWLEDGE – student knows and understands: | | | |
| VHOG_W1 | the biology, nutritional value, medicinal properties, and cultivar differences of vegetables and herbs | OGR1_W03 | R |
| VHOG_W2 | the principles of agrotechnics of vegetables and herbs in home gardens | OGR1_W05 OGR1_W06 OGR1_W07 | R |
| SKILLS – student is able to: | | | |
| VHOG_U1 | make the appropriate selection of species and cultivars of vegetables and herbs for a specific garden design | OGR1_U01 OGR1_U05 | R |
| VHOG_U2 | organize the spatial and temporal arrangement of plants in a garden | OGR1_U07 | R |
| SOCIAL COMPETENCIES – student is ready to: | | | |
| VHOG_K1 | meet the requirements of the recipient of a garden, making the correct selection of species | OGR1_K01 OGR1_K03 | R |
| VHOG_K2 | meet ethical responsibility for identifying ways to obtain high-quality vegetables and herbs | OGR1_K01 OGR1_K02 | R |

Teaching contents

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| Lectures: | 9 hours |
| Topics | <ol style="list-style-type: none"> 1. Vegetable and herb ornamental gardens- examples of world and Polish garden layouts using vegetable and herbal plants. 2. Purpose and theme of a utility garden. Criteria for selecting plant species to the recipient of the garden. Modern city gardens - roof gardens, vertical gardens, social, cultural, and educational gardens 3. Principles of establishing crop rotation and selecting a system for growing vegetables and herbs in gardens 4. Classifications of plants, the usefulness of vegetables and herbs species for ornamental home gardens |
| Accomplished learning outcomes | <i>SCP_W1-W2</i> |
| Means of verification, rules, and criteria of assessment | <i>Test (contribution to the final grade from the course 50%)</i> |
| Classes: | 21 hours |
| Topics | <ol style="list-style-type: none"> 1. Growing selected vegetable species in home gardens - main principles 2. Biology, identification and utility features, decorativeness of individual species, and cultivars of vegetables 3. Growing selected herbs species in home gardens - main principles 4. Biology, identification and utility features, decorativeness of individual species and cultivars of herbs |

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| | 5. Developing a task - selecting species and cultivars of vegetables and herbs for a specific thematic garden and its justification. |
| Accomplished learning outcomes | SCP_U1-U2, SCP_K1-K2 |
| Means of verification, rules and criteria of assessment | <i>design work - plan a home garden with a given topic under the guidelines given by the lecturer (contribution to the final grade from the course 50%)</i> |

References:

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| Basic | <p><i>Materials distributed by the host, including:</i> <i>catalogs of seed companies,</i> <i>"Gardens" magazine</i> <i>Design books, for example:</i> <i>Hobhouse P. 2005. Historia ogrodów. Arkady, Warszawa.</i> <i>McVicar J. 2004. Księga ziół. SOLIS, Warszawa</i> <i>Album book: Fruits and vegetables. 2002. Teubner, Monachium, Germany</i></p> |
| Supplementary | <p><i>Plant Diversity and Evolution. 2006. Ingrouille MJ, Eddie B. Cambridge University Press</i> https://www.biodiversityinternational.org</p> |

Structure of learning outcomes

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| Area of academic study: agriculture and horticulture | 4.0 ECTS ** |
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Structure of student activity

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| Contact hours | 34 | hrs. | 1.4 | ECTS** |
| Including: | lectures | 9 | hrs. | |
| | classes and seminars | 21 | hrs. | |
| | consultations | 2 | hrs. | |
| | participation in research | ... | hrs. | |
| | obligatory traineeships | ... | hrs. | |
| | participation in examination | 2 | hrs. | |
| e-learning | ... | hrs. | | ECTS** |
| student own work | 66 | hrs. | 2.6 | ECTS** |

*areas of academic study in the fields of P – biological sciences; R – agriculture and horticulture

** stated with an accuracy to 0.1 ECTS, where 1 ECTS = 25 - 30 hours of classes