M uu_uu	**MOR S2_21/3**
Field or fields of study	Plant Protection and Phytosanitary Control
Name of the training module	**Protection of forest crops.**
Language of instruction	english
Type of the training module (obligatory/optional)	optional
Level of the training module	Full-time studies II level
Year of study	II
Semester	2
Number of ECTS credits with a division into contact/noncontact	3(1,52/1,48)
Title/degree, name and surname of the person in charge	dr Marek Kopacki
Unit offering the subject	Plant Protection Department
Aim of the module	Understanding biological interactions in the forest environment. To know the pathogens of the plants present in the forest and the newest methods of their limitation and the factors determining their effectiveness. Planning forest protection systems
Contents of the training module-a compact description of approx. 100 words	Specifics of forest protection. Particularly dangerous pathogens for coniferous and deciduous shrubs and trees. The most dangerous wood diseases: diagnosis, prevention and protection methods. Mushrooms and other protected organisms occurring in forests. Threat of forest growing under conditions of open borders of the European Union and methods of protection. Possibilities of using biological protection in the forest environment. The role of beneficial organisms, biopreparations. The role and use of beneficial mushrooms in forest areas. Possibilities of using chemical preparations in forest protection against pests.
Recommended and obligatory reading list	Ochrona drzew i krzewów iglastych. Praca zbiorowa. Plantpress. Ochrona ozdobnych drzew liściastych. Praca zbiorowa. Plantpress. Mańka M., 2011. Choroby drzew leśnych. PWRiL, W-wa. Review of Plant Protection, APS Press.
The intended forms/activities/teaching methods	Lecture, exercises, group work, project / presentation, discussion