

## **Phytoiatrics and Environment**

The Department of Agriculture, Crop Production and Rural Environment of the University of Thessaly has, from the academic year 2018-2019, organised and carried out the Program of Postgraduate Studies entitled “**Phytoiatrics and Environment**”.

The **objectives of this program of postgraduate studies are**, first and foremost, the promotion of scientific knowledge but also for the amplification of research as well the educational needs of the country in the field of Phytoiatrics and Environment. More specifically, this program aim to offer specialisation for new scientists in both the broad band of Phytoiatrics and the more defined partial sectors, aiming at the high level education of scientists capable of contributing to the agriculture growth of the country.

In addition, the program of postgraduate studies also aims to develop an internationally high level of education which will appeal to students both here and abroad. The main reason to attend *Phytoiatrics and Environment* is to advance your career and increase your salary potential.

This program of Postgraduate Studies consists of eight (7) courses and a Master Thesis. The program is accredited according to the European Credit Transfer System (ECTS) and successful completion requires students to achieve a total of 60 ECTS credits (ECTS credits per course=5, ECTS credits of thesis=25). The expected time of completion is two (2) semesters, including the submission and presentation of the Thesis. The courses are offered in Greek language and the attendance is obligatory. The program has no a tuition fee.

The courses and ECTS units corresponding to lectures, exercises, and laboratory hours for all courses in each semester are listed separately below.

<b>1<sup>st</sup> Semester</b>	
<b>Courses</b>	<b>ECTS credits</b>
<b>Modern strategies and methods of insect pest control</b>	5
<b>Integrated plant disease management</b>	5
<b>Pesticides: fate in the environment and food, residue analysis</b>	5
<b>Weed management</b>	5
<b>Thesis</b>	10
<b>2<sup>nd</sup> Semester</b>	
<b>Courses</b>	<b>ECTS credits</b>
<b>Special topics in Phytopathology</b>	5
<b>1<sup>st</sup> Elective course</b>	5
<b>2<sup>nd</sup> Elective course</b>	5
<b>Thesis</b>	15
<b><i>Elective courses</i></b>	
<b>Protocols and programs in plant protection</b>	5
<b>Principles and diagnostic methods of plant diseases</b>	5
<b>Insect ecology</b>	5
<b>Climate change – Biological invasions-Plant protection</b>	5
<b>Postharvest protection of agricultural products and food</b>	5