



University of Southeastern Philippines
College of Agriculture and Related Sciences

DOCTOR OF PHILOSOPHY IN HORTICULTURE COURSE OFFERING
Academic Track
CMO No. 15, series of 2019
Approved per BOR Resolution No. 22, series of 2023
Effectivity: 1st semester, SY 2022-2023

I. CORE COURSES

Course No.	Course Title	Units	Pre-requisite
STAT 175	Analysis of Multivariate Data	3	None
CP 215	Advanced Plant Disease Management	3	None
AGEXT 7213*	Planning and Administration of Development Programs	3	None

*MSAgExt course offering

II. MAJOR COURSES

Course No.	Course Title	Units	Pre-requisite
HORT 8112	Reproductive Crop Physiology	3	None
HORT 325	Plant Morphogenesis	3	None
HORT 8114	Physiology and Biochemistry of Endogenous Plant Growth Regulators	3	None
HORT 320	Applied Vegetable Crop Physiology	3	None
HORT 322	Postharvest Physiology of Perishable Crops	3	None
HORT 324	Crop Seed Physiology	3	None
HORT 321	Applied Fruit Crop Physiology	3	None

III. ELECTIVE COURSES**

Course No.	Course Title	Units	Pre-requisite
	Elective 1	3	None
	Elective 2	3	None

IV. SPECIAL PROBLEMS AND TOPICS, AND GRADUATE SEMINAR AND DISSERTATION

Course No.	Course Title	Units	Pre-requisite
HORT 391*	Special Problems in Horticulture	3	None
HORT 390*	Special Topics in Horticulture	2	None
HORT 399*	Graduate Seminar in Horticulture	1	None

WE BUILD DREAMS WITHOUT LIMITS

Address: University of Southeastern Philippines
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 Tagum City, Philippines 8100

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 Website: www.usep.edu.ph
 E-mail: tagum-gsars@usep.edu.ph



HORT 8400	Doctoral Dissertation	12	Passing the comprehensive exam
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*mandatory course

<p>** Elective courses (6 units)</p> <ul style="list-style-type: none"> Any two (2) subjects offered in the Graduate School such as but not limited to the following: <ul style="list-style-type: none"> - AGRI 7122 – Precision Agriculture - AGRI 7132 – Data Science in Agriculture - EDAD/PA 211 – Organizational Management - CHEM 7111 – Intermediary Metabolism - AG 215 – Advanced Plant Breeding - AGRO 7126 - Agro-forestry Enterprise and Tourism Management - CP 217 – Pesticide Toxicology - CP 7216 - Postharvest Pests and Their Management The academic and/or dissertation adviser is vital in the selection of these courses to be included in the plan of coursework. The selected courses should be useful for the research theme being sought or at least aligned to the current professional work/career of the student <p>Note: Elective courses are selected from any of the master’s programs (old and new curriculum) in the college and/or university</p>
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SUMMARY	Units
<i>Core Courses</i>	9
<i>Major Courses (at least 2 courses)</i>	12
<i>Elective Courses</i>	6
<i>Special problems and topics, and graduate seminar (Mandatory courses)</i>	6
<i>Doctoral Dissertation</i>	12
TOTAL	45

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I. Program outcomes

- PGO 1. Integrate advanced approaches in modern and traditional horticultural tools and techniques for sustainable development in the field
- PGO 2. Demonstrate advanced systematic knowledge and innovative skills in the field of horticulture and multidisciplinary research in a harmonious manner either locally or internationally
- PGO 3. Apply skills in a specialized field with appropriate concepts and principles to address horticultural and agricultural-related problems, and provide holistic sustainable intervention
- PGO 4. Package and transfer significant horticulture research results with integrity in analyzing and interpreting data using available advanced and accepted models, and produce publishable outputs.

II. Type of Graduate Program

The PhD in Horticulture is an Academic Track with the following major requirement (CMO 15 s 2019)

- Passing the comprehensive examination
- Dissertation Final manuscript
- At least one (1) publication in a national or international refereed and indexed journal

III. Admission requirements

- Must have a master's degree with a specialization in horticulture and related fields from any recognized institution and with 1-2 years of industry experience in the field of agriculture.
- Must get a PASS rating (80%) on GSAT. Applicants whose scores fall below 80 but not lower than 70% may be granted admission to the program on a probationary status and can only take 9 units or equivalent to three (3) courses. In addition, the student must not obtain failing grades or incomplete (INC) marks, and all grades should have a GWA of

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2.0 or better. The probationary status will only be removed and replaced with regular status after complying with these conditions at the end of the semester.

- Not vertically aligned applicants may be granted admission to the program on a probationary status and are required to carry a maximum load of 9 units and enroll in additional prerequisite or other courses as determined by the evaluation committee during the qualifying examination or by the temporary adviser. The probationary status will be replaced with regular status only when all the courses (9 units) enrolled during the first term of enrollment have been successfully completed and attained a GWA of at least 1.75.
- Must have passed the entry requirements as stipulated in the graduate school manual.
- For transferee: Must submit all credentials for transfer of credits to be evaluated by the admission committee. A maximum of 18 units (6 courses/subjects taken within the last 9 years) with a grade of at least 1.75 each or its equivalent can be credited.
- Foreign students: Submit additional documents such as the photocopy of certificate or diploma, certification of the Test of English as a Foreign Language (TOEFL) with a score of at least 60 or the International English Language Testing System (IELTS) with a score of at least 6.0. Comply with other requirements by the International Affairs Division (IAD).

IV. Retention Policy

- Student shall maintain a minimum GPA of 1.75 in any given semester
- Qualifying exam is required after 1 semester
- After completing one (1) semester, students shall submit the plan of course work incorporating the suggestions from the committee during the qualifying examination and dissertation adviser.
- Pass the Comprehensive Exam (written and oral). A GPA of at least 1.75 is required to qualify for the exam, otherwise, the student shall enroll in additional courses from the program offering until such time the required GPA is attained.
- Student shall complete all the requirements for the degree within nine (9) years from the date of first registration. A student who shall not have finished within the maximum residency rule shall enroll in 6 units of foundation courses and 6 units of specialization courses. A two-year extension shall be granted to complete the remaining program requirements.

V. Proof of publication is required to obtain the degree.

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