

REGULATION OF THE MASTER COURSE (2nd CYCLE) IN VITICULTURE AND ENOLOGY

VINIFERA EUROMASTER: mainly articles 8, 9 and 10

Under the Decree-Law 74/2006 of 24 March, and the provisions of Resolution N.º 1487/2006 of 26 October, the rector of the Technical University of Lisbon and the Resolution of the Standing Section of the Senate of the University of Porto, meeting N.º 62nd of 12 December 2007, the Scientific Council of the School of Agriculture (ISA) and the Faculty of Sciences (FC) approved the following regulation.

Article 1 Creation

The Technical University of Lisbon, through the School of Agriculture and the University of Porto, through the Faculty of Sciences, jointly confer the degree of Master in Viticulture and Enology.

Article 2 Objectives

1 - The overall objective of the Master Course in Viticulture and Enology is to provide technical-scientific competences in the Viticulture and Enology areas, encouraging synergisms between Teaching, Research, Production and Industry.

2 - The specific objectives of the Master Course in Viticulture and Enology are:

- a) To design, plan and manage the different wine-growing practices and processes, according predefined characteristics of the final product.
- b) To understand the natural and technological factors that influences the characteristics of the raw material.
- c) To know the technical and scientific principles governing the production of grapes and processing wine.
- d) To develop a row strategy, integrating the characteristics of production, processing variables and the constraints of marketing.
- e) To develop joint research with companies, creating new products and optimizing processes.

Article 3 Organization

The Master is promoted and organized by the Technical University of Lisbon, through the School of Agriculture and the University of Porto, through the Faculty of Sciences, in collaboration with the National Wine Station (EVN) / (INRB / L-INIA). Each edition has a duration of 2 years (120 ECTS), under day regime, being organized by the three institutions involved. Students may register at the ISA or at SF, and classes take place mostly in the ISA.

Article 4 Coordination

1 - The Master Course is coordinated by a Course Committee (hereinafter referred as Committee) composed by three teachers and/or researchers of the ISA, one of the FC, appointed by the Scientific Councils of these institutions, and one researcher of the National Wine Station.

2 - The Committee has the following specific responsibilities:

- a) Proposal of the number of vacancies, application deadlines and documents to be delivered to the candidates when applying for the course, if necessary.
- b) Selection and ranking of candidates if necessary.
- c) Proposal for **equivalence of qualifications** for further studies in this Master Course.
- d) Recognition of equivalence of training carried out previously by students.
- e) Coordination and harmonization of curricula of study units.
- f) Recognition of the relevance to this Master of elective study units.
- g) Definition of complementary courses that students admitted in the situation described in paragraph 2 of Article 6, must attend and pass.
- h) Participation in the Governing Bodies in the preparation of schedules.
- i) Relationship with professional associations and businesses in promotion of employability of students of the course.
- j) Approval of the subjects, guidance and institution or company hosting the master's project towards the elaboration of the dissertation
- k) Proposal of the Examination Juries to the Scientific Councils of the Schools where the students are registered.

3 - For each edition of the Course, the Committee will propose a Chairman of the Course, among its members, to the Governing Bodies of the School.

Article 5 Structure and Content

1 - The Master in Viticulture and Enology lasts for 4 semesters (2 years) comprising a total of 120 ECTS, which consist of a curriculum equivalent to 78 ECTS, and a master's project (dissertation) equivalent to 42 ECTS.

2 - The courses of the Master's programme consist of mandatory (63 ECTS) and elective courses (15 ECTS), according to the syllabus annexed.

3 - For students accepted in the situation described in paragraph 2 of Article 6, the Committee can advise or require additional ECTS in certain scientific areas, according to their academic, scientific and professional curriculum.

4 - Lectures will be taught in Portuguese or English.

5 - The MSc dissertation is an individual practice-oriented research project within the specific scientific areas of the Master Course. It should consist of original work, deepening the knowledge previously acquired by students throughout the course and must reflect their ability to participate in the design, planning, research and development.

Article 6 Admission requirements

1 - Enrolment in this Master's programme requires:

- a) a 5-years degree (or equivalent) in the areas of Science, Engineering, or related areas.
- b) a bachelor's degree (or equivalent) in the areas of Science, Engineering, or related areas.
- c) a higher education degree obtained abroad in the fields of Science or Engineering or related fields (1st cycle of studies organized according to the principles of the Bologna Process by a State acceding to this process) .
- d) a foreign academic degree recognized as meeting the objectives of the 1st cycle by the Committee.
- e) an academic, scientific or professional curriculum who is recognized by the Committee as having the capacity to carry out the master's programme.

2 - Applicants subject to the conditions described in paragraph 1 of this article will be ranked and selected by the Committee in accordance with the following criteria:

- a) Grade of the degree;
- b) Affinity of the degree with the Master Course;
- c) Nature of the degree and of the school where it was obtained;
- d) Academic, scientific and professional curriculum;
- e) Other information asked by the Committee, including a possible interview.

3 - As regards the point 2.c) above, on equal terms shall have priority applicants with a diploma of any 1st cycle of ISA or FC.

4 - Where relevant, the number of vacancies, the minimum number of registrations for the course work, deadlines and documents to be delivered by the candidate applicant (paragraph 1 of this Article) shall be a proposal from the Commission in due course set by the Board of the ISA and HR.

Article 7 Study Units Registration

1 - In each semester, a student can enrol no more than 37.5 ECTS, except as provided in paragraphs 1 and 2 of Article 8.

2 - Registration for each study unit is subject to compliance with the rules of precedence to be determined by the Committee.

3 - After starting a semester the students have 3 weeks to change as desired their registration in elective courses.

4 - The student may, if desired, enrol in study units outside the curriculum, with payment due in accordance with the Schedule of Fees in force. These units are not under the precedence rules and will not count towards the ECTS required to obtain a certificate of course (though these courses will be listed in the diploma supplement if the student receives approval), but count toward the maximum annual or biannual inscriptions.

5 - To enrol in the dissertation the student must have completed at least 48 ECTS of the MSc course.

Article 8 Dissertation

1 - A master's thesis comprises 42 ECTS per year and registration will be held always in odd semester. In the year that the student enrolls in the dissertation, the annual limit of ECTS that the student can register is 75, regardless of the semester.

2 - If the student does not complete the dissertation that year, he must register again the following year, according to the rules set out in paragraph 1 of this article and accounting always 42 ECTS.

3 - The subjects of the thesis may be proposed by the Committee or by the students.

4 - The supervisor of the dissertation will be a Ph.D or a specialist credit recognized by the Committee, which could possibly be assisted by a co-supervisor.

5 - If the supervisor does not belong to the ISA, the FC or EVN, it will be appointed a co-supervisor belonging to the ISA or FC.

6 - The work can be done in ISA, FC and EVN or in a foreign entity recognized by the Committee.

7 - The registration on dissertation should be accompanied by overall information of the student, of the proposed supervisor and of the Master Coordinator on the subject of the dissertation, with a brief description of the work. This proposal must be submitted by 1 month after the beginning of the semester in which the student performs the 1st registration in the dissertation.

8 - The work to be carried out for the preparation of the dissertation may take one of the following ways:

- a) A stage of professional nature, with experiment.

- b) A stage in research.
- c) A project work.

9 - When the dissertation is the culmination of a stage of professional nature, it should include:
a) A brief description of activities undertaken during the internship, and should be well reflected the degree of student involvement in them;

- b) a literature review on the specific topic, based on research in key scientific and technical publications in the area of the last 5 years;
- c) A discussion of the scientific activity developed that supports the relevant topic.

10 - If the dissertation is the end result of a stage in research, in addition to the points mentioned in a) and b) above it should also include a description of the materials and methods, the presentation and discussion of results obtained, the conclusions reached and a list of literature cited.

11 - If the dissertation takes the form of project work, it should reflect the critical analysis of information collected and the experiences from stages in companies, factories or farms. It should include an analysis of the market / area in which it occurs and a detailed description of objectives, required resources and the organizational structure of the unit's production scheme that proposes to build. It should also contain a brief economic study to demonstrate the feasibility of this unit.

Article 9 Submission of the dissertation

1 - The dissertation will be an individual manuscript and is subjected to public examination, which includes an oral presentation.

2 - The manuscript must conform to the standards of the institution where the student enrolls.

3 - Six copies of the printed dissertation, plus a copy in electronic format, should be submitted.

4 - The dissertation should be submitted to the Academic Division of ISA or FC after approval in all mandatory and elective courses required, up to 3 months after the last day of classes in the school year in which the student entered.

5 - Submission at a later date as stipulated in the preceding paragraph requires a new registration in the dissertation in accordance with the provisions of Article 8.

Article 10 Jury

1 - After the dissertation submission, the jury shall be appointed within 30 days by the Scientific Council of the School where the student is enrolled, on a proposal from the Committee.

2 - The jury is composed of 3 to 5 members, including the supervisor or supervisors.

3 - The jury members must be experts in the dissertation field and are appointed from national and foreign holders of the Ph.D degree or specialists of merit as recognized by the Committee.

4 - The jury will be chaired by the Chairman of the Master course since that does not match any of the supervisors of the dissertation. In case of unavailability or ineligibility of the Chairman of the Course, he will be replaced by the oldest and highest qualified professor or corresponding within the members of the organizer Schools of the Master course.

5 - The order appointing the panel should be communicated to the applicant in writing within five working days after their appointment.

6 - Upon appointment, the board shall issue a previous judgment within 30 days in which to

declare acceptance of the dissertation as presented or the need for its revision, indicating the changes to be made. In the latter case the candidate:

a) has 45 days to submit a new version of the dissertation with the amendments made;

b) Alternatively make a statement to say that dispenses make those changes;

7 - As the public defence of the dissertation is marked, shall be held within 30 days after the positive opinion of the jury or the documents specified in the preceding paragraph.