

Program Requirements. Each student must complete a minimum of 30 units with an average grade of 2.0 or higher and with a minimum grade of **C** in each course used to meet certificate requirements.

Required Categories

1. Social responsibility as applied to agriculture (such as PLANT 105) - 3 units
2. Qualitative and quantitative evaluation (such as MATH 107*) - 3 units
3. Public policy and regulations (such as AGEC 150* or 155*) - 3 units

Approved Electives 21 units (minimum)

Selected from the list of *Approved Courses* (see below) in consultation with an adviser.

Total units 30 units (minimum)

Approved Courses

Viticulture: VIT 101*, 102*, 103*, 105*, 106*, 165*, 162T (see adviser for approved topics), 199

Enology: ENOL 105*, 135*

Agricultural Economics: AGEC 110*, 117*, 120*

Biological Sciences: BIOL 101*, 171*

Plant Science: MEAG 130; PLTH 107*, 108*; SW 100 and 100L, 101*, 104*, 111*, 111AG*

*Course has prerequisites; see *General Catalog*.

Master of Science Degree Program

The Master of Science in Viticulture and Enology is a 30-unit program designed to provide advanced studies and in-depth knowledge in the fundamentals of plant physiology, microbiology, and grape and wine chemistry, as well as technical writing and formal presentation of research reports.

Full-time graduate students may earn the degree within two years when working closely with an adviser. To accommodate part-time students, graduate courses are offered in the late afternoon or evenings.

Admission Requirements. The Master of Science in Viticulture and Enology assumes preparation equivalent to a Bachelor of Science in Viticulture and/or Enology, Agricultural Chemistry, Food Science and Nutrition, Plant Science, or a related area from an accredited institution. The following courses or equivalents are expected to be completed prior to enrollment in courses to be applied to the master's program: BIOL 11, 161; CHEM 8, 150; ENOL 116, 125, 166; PLTH 103, 105, 106; SW 2, 100; VIT 101, 102.

Admission Materials. To be considered for admission to the graduate program, the candidate must submit the following materials: evidence of a baccalaureate degree in agricultural chemistry, enology, food science, nutrition, plant science, viticulture, or a related area from an accredited institution; official transcripts of all college work; official scores from the Graduate Record Exam (GRE); a university application; three letters of reference from employers or faculty at the university most recently attended; and a statement of 500 words or less indicating reasons for pursuing a master's degree.

Admission Application Filing Periods

Check www.csufresno.edu/catoffice/current/admissns.html or call the Graduate Admissions Office at 559.278.2261.

Enrollment Packet Submission Deadlines.

Check <http://cast.csufresno.edu/ve>

Incomplete packets of materials will be returned to students for resubmission the following semester. Required application materials are available in the Department of Viticulture and Enology, VR 89, 559.278.2089, fax 559.278.4795. The department Web site is <http://cast.csufresno.edu/ve>.

Admission Criteria: Candidates for admissions will be evaluated using criteria including undergraduate coursework, grade point average of 3.0 or better (last 60 semester units), GRE scores (480V/580Q are equivalent to the 50th percentile), 500-word or less statement of professional goals, and letters of reference. Students lacking in any area with compensating strengths in other areas are encouraged to apply. Admission by the university does not imply acceptance in the Master of Science in Viticulture and Enology program. Applicants whose preparatory education was in a language other than English must earn a minimum TOEFL score of 550 and a minimum score of 4 on the Test of Written English (TWE).

Classified standing will be granted to students who meet all of the admission criteria.

Conditional classified standing may be granted to applicants with 2.75 to 2.99 GPA (last 60 semester units) and/or those required to complete prerequisite coursework. Prerequisite coursework is not included in the 30-unit master's program. Students must request classified standing in the program by the semester in which a maximum of 10 units to be used toward the degree are completed.

Program Requirements for Viticulture and Enology

All students must complete a 14-unit common core. Students must also complete 12

units of approved electives and a 4-unit thesis (culminating experience) in consultation with a thesis adviser.

Units

Core **14**

AGRI 200, 220; VEN 210, 229, 280

Approved Electives **12**

BIOL 156; CHEM 225; FN 221T; IT 223, 282; PLANT 252, 254, 256, 257, 258; VEN 214*, 225*, 250T, 251*, 264*, 275*, 290

Culminating Experience **4**

VEN 299

Total minimum requirements **30**

*Development of VEN electives in progress.

Graduate Advising Notes

1. Several of the approved elective courses have prerequisites other than courses listed as admission requirements.
2. To obtain the required school application form and more specific information concerning the Master of Science in Viticulture and Enology, interested students should call or write the department office. Upon acceptance into the Master of Science in Viticulture and Enology program, students should obtain the *Graduate Student Handbook* from the department office.
3. Upon acceptance into the Master of Science in Viticulture and Enology program, students will be assigned an initial faculty adviser by the department chair. Students may subsequently select a faculty adviser upon obtaining his/her approval and notifying the department office of that selection.
4. Elective courses are selected in consultation with the student's faculty adviser.
5. To progress through the graduate program, students must
 - a. maintain a minimum of 3.0 GPA,
 - b. complete all prerequisite coursework,
 - c. attain classified standing,
 - d. meet university graduate writing requirement,
 - e. pass the department qualifying examination,
 - f. file for advancement to candidacy,
 - g. complete the program requirements,
 - h. file a master's thesis committee assignment form, and
 - i. satisfactorily present and defend the thesis research results.
6. All students must successfully complete the department qualifying examination before being advanced to candidacy. The exam should be taken as soon as possible after completing AGRI 200, 220, and PLANT 257. Information on the department preliminary examination is included in the *Graduate Student Handbook*.
7. Advancement to candidacy requires the completion of 9 program units in resi-