

FOREST RESOURCES

Degree Requirements

Master of Science (M.S.)

Requirements listed here are in addition to Graduate Council policies listed under GCAC-600 Research Degree Policies. (<http://gradschool.psu.edu/graduate-education-policies/>)

A minimum of 30 credits at the 400, 500, 600, or 800 level is required, with least 18 credits at the 500 and 600 level, combined. The department requires 12 credits of 400- or 500-level formal courses in Forestry (FOR) of which 6 must be 500-level. At least 6 credits of 400- or 500-level courses (usually STAT) are required in courses that cover topics such as analysis-of-variance, correlation, regression, and design of experiments; the courses that will satisfy this requirement must be approved by the student's committee. Participation in at least one colloquium course each semester is expected and students must complete at least 1 credit of colloquium (FOR 590). In addition, specific courses and requirements will be determined by the faculty adviser and advisory committee.

A thesis based on field or laboratory research is required for the M.S. degree and at least 6 credits in thesis research (FOR 600 or FOR 610) must be taken in conjunction with completing the thesis. The thesis must be accepted by the advisers and/or committee members, the head of the graduate program, and the Graduate School, and the student must pass a thesis defense.

Doctor of Philosophy (Ph.D.)

Requirements listed here are in addition to Graduate Council policies listed under GCAC-600 Research Degree Policies. (<http://gradschool.psu.edu/graduate-education-policies/>)

While a minimum number of courses for the degree is not specified, the Ph.D. committee has the responsibility of specifying courses and credits essential for the education and development of the student. Students are expected to be educated in depth in a specific subfield of Forestry (FOR) and to have a perspective of the general field. Normally, students will have 50 to 60 credits in formal course work beyond the B.S. degree.

Doctoral students are required to participate regularly in a departmental colloquium and to register for at least 1 credit of Colloquium (FOR 590) during the Ph.D. program. Ph.D. students are required to complete two separate semesters of Supervised Experience in College Teaching (FOR 602) for 2 credits total; however, these 2 credits cannot be counted towards the degree requirements. Doctoral students must pass a qualifying examination, a comprehensive written and oral examination, and a final oral examination (the dissertation defense). To earn the Ph.D. degree, doctoral students must also write a dissertation that is accepted by the Ph.D. committee, the head of the graduate program, and the Graduate School.