

Senior Major Requirement

Linguistics Major — B.A.

Contact your academic adviser regarding a "university-approved senior project" for this major.

Mathematics Major — B.A.

Math 198. Senior Project (3)

Prerequisite: senior standing or permission of instructor; Math 151, 171 and 124 or 152. Independent investigation and presentation of an advanced topic in mathematics. Satisfies the senior major requirement for the B.A. in Mathematics.

Mechanical Engineering Major — B.S.

M E 164. Machine Design (3)

Prerequisite: senior standing or permission of instructor; M E 116, 136, 154; I E 182W, 160 (or concurrently). Open-ended design problems of complete machine systems. Integration of prerequisite course material into final design project. Satisfies the senior major requirement for the B.S. in Mechanical Engineering. (Two 3-hour lecture-labs)

Music Major — B.A.

Contact your academic adviser regarding a "university-approved senior project" for this major.

Nursing Major — B.S.

Nurs 151. Senior Project (2)

Prerequisite: senior standing or permission of instructor; Nurs 140, 140L, 141, 141L, 141S, 145. Corequisite: Nurs 150, 150L. Opportunity for students to build upon conceptual, theoretical, and research knowledge base. Students pursue in-depth study and practical application in areas of interest: management, conflict resolution, application of nursing theories, research, or community project. Satisfies the senior major requirement for the B.S. in Nursing.

Philosophy Major — B.A.

Contact your academic adviser regarding a "university-approved senior project" for this major.

Physical Education Major — B.S.

Contact your academic adviser regarding a "university-approved senior project" for this major.

Physical Therapy Major — B.S.

Contact your academic adviser regarding a "university-approved senior project" for this major.

Physics Major — B.A. and B.S.

Phys 181. Senior Research Project (2)

Prerequisite: senior physics major or permission of instructor. Individual project, supervised by faculty member, to develop student's research skills. Student must report on project to Physics Seminar (Phys 180). Satisfies the senior major requirement for the B.A. and B.S. in Physics. Approved for *SP* grading.

Plant Science Major — B.S.

Plant 180. Undergraduate Research (1-4; max total 4)

Open to juniors and seniors. Exploratory work on a suitable agricultural problem in plant science. This course satisfies the senior major requirement for the B.S. in Plant Science when students meet the following additional requirements: sign up for a minimum of 2 units, satisfy the prerequisite of 12 upper-division units in the major, participate in a seminar, and provide a written report. Approved for *SP* grading.

Plant 190. Independent Study (1-3; max see reference)

See *Academic Placement — Independent Study*. This course satisfies the senior major requirement for the B.S. in Plant Science when students meet the following additional requirements: sign up for a minimum of 2 units, satisfy the prerequisite of 12 upper-division units in the major, participate in a seminar, and provide a written report. Approved for *SP* grading.

Plant 196. Crop Projects (1; max total 4)

Prerequisite: AET 3 or equivalent; Cr Sc 1, VTF 1, or OH 1; junior or senior standing; and permission of instructor. Grow a crop on the campus farm with minimal faculty supervision, from budget decisions through cultural practices to marketing and sale. Cotton, agronomic crops, grapes, fruit, ornamental plants, etc. Earn up to \$600 per project. This course satisfies the senior major requirement for the B.S. in Plant Science when students meet the following additional requirements: sign up for a minimum of 2 units, satisfy the prerequisite of 12 upper-division units in the major, participate in a seminar, provide a written report.

Political Science Major — B.A.

Public Administration Major — B.A.

PI Si 193. Senior Seminars (3)

Prerequisite: senior standing or permission of instructor; for political science majors: PI Si 1, 90, 110 or 111, 120, 140, 150; for public administration majors: PI Si 1, 90, 181, 182, plus 6 additional units in major excluding PI Si 187. Disciplinary themes in political science and public administration. Satisfies the senior major requirement for the B.A. in Political Science and the B.A. in Public Administration.

Psychology Major — B.A.

Psych 182. History and Systems (4)

Prerequisite: senior standing or permission of instructor; 12 upper-division units in the major. Historical, philosophical, and scientific background in psychology; review and integration of theoretical issues and current systems in the field. Lecture and discussion. Satisfies the senior major requirement for the B.A. in Psychology. Approved for *SP* grading. (Former Psych 112)

Public Administration Major — B.A.

See *Political Science Major*.

Recreation Administration Major — B.S.

RLS 173. Advanced Programming and Staff Supervision (3)

Prerequisite: senior standing or permission of instructor; RLS 172. Corequisite: RLS 173L. Advanced program planning for various age groups in public and nonprofit agencies. Recruitment, selection, supervision, and evaluation of program staff. A senior project is required. When taken concurrently, RLS 173 and 173L satisfy the senior major requirement for the public and nonprofit recreation option of the B.S. in Recreation Administration. (Former Rec 173)

RLS 173L. Advanced Programming and Staff Supervision Laboratory (1)

Prerequisite: senior standing or permission of instructor. Corequisite: RLS 173. Programming experience in public or nonprofit agencies. When taken concurrently, RLS 173 and 173L satisfy the senior major requirement for the public and nonprofit recreation option of the B.S. in Recreation Administration. (Former Rec 173L)