

**Introduction to Population Dynamics**  
**FW 320**

**Credit hours:** 3

**Term Offered:** Spring

**Instructors:** Selina Heppell

**Course Objectives:** Introduction to Population Dynamics (FW 320), and its companion laboratory course Investigations in Population Dynamics (FW 322), were developed to focus on ecological principles and their application to conservation. FW 320 provides an overview of resource management philosophy, and emphasizes population ecology and population conservation, including population harvest theory. Both courses are prerequisites for several upper division Fisheries and Wildlife courses.

**Course content:** The course consists of three lectures per week. The lectures focus on principles of population ecology and their application to conservation.

**Prerequisites:** General Ecology (Bi 370); MTH 241 or 251 (calculus); ST 351 or 352 may be taken concurrently.

**Text:** A Primer of Ecology, Gotelli, Sinauer Associates, Inc.

**Testing:** Two mid-terms and a final.

**Students for whom the course is intended:** Required for F&W majors. Available to students in other programs such as natural resources, environmental science, and biology.