

**Marine Aquaculture and Aquarium Sciences (MAAS)  
FW433X/533X**

**Credit hours:** 6

**Term offered:** Summer (HMSC)

**Instructor:** Langdon, Miller-Morgan

**Course objectives:**

1. To understand basic concepts of water quality, nutrition, genetics, disease recognition, health management, biosecurity, public policy and the environment.
2. To apply these concepts to the culture of various species and both extensive and intensive culture systems are discussed in the subsequent three weeks.

**Course content:** The course focuses on both the concepts and practice of marine aquaculture and aquarium sciences and is made up of a series of lectures, field trips and group projects.

**Prerequisite(s):** 200+ level courses in biology, fisheries, aquaculture or aquarium science

**Text(s):** Recommended

*Aquaculture. Farming aquatic animals and plants.* 2003. Lucas, J. S. and P.C. Southgate. Blackwell Publishing. 502 pp. \$75

*A Short Guide to Writing about Biology,* 1992 (2nd ed.) by J. A. Pechenik. Little, Brown and Company, Boston and Toronto. 240 pp. \$15.95.

**Term paper(s):** None

**Testing:** Final Exam

**Students for whom the course is intended:** Fisheries and Wildlife majors and graduate students at OSU, students taking the Aquarium Science diploma at OCCC and other institutions, as well as professionals.