

# FISHERIES SCIENTIST

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### Description:

Fisheries scientists study fish species in their natural, introduced, and adapted environments. Scientists must be knowledgeable in water management issues, have the ability to develop and implement aquatic resource management strategies, and be able to design or conduct studies to monitor and evaluate the biological characteristics of aquatic flora and fauna. Fisheries scientists also collect and analyze data for statistical analysis and prepare technical reports of results.

### Median Wage (as of 2006):

Entry Level Workers – \$34,953  
Experienced Workers - \$84,580

### Level of Education:

B.S. (required), M.S. (Fisheries science, biology, or zoology preferred), Ph.D. (favorable)

### Job Outlook (through 2016):

7-13% increase in the number of jobs

### Examples of Colleges & Affiliated Programs:

**Paul Smith's College** - Fishing and Fisheries Science and Management

**SUNY Cobleskill** - Fishing and Fisheries Science and Management

**Morrisville State College (SUNY)** - Aquaculture and Aquatic Science

**SUNY Environmental Science & Forestry** - Aquatic and Fisheries Science

**Cornell University** - Animal Science, Biology, Biological Engineering

**Virginia Institute of Marine Science** - (Graduate School of College of William & Mary)

### Employers:

**Federal and State Governments** - United States Fish and Wildlife Service; United States Department of the Interior, United States Food and Drug Administration, New York Department of Environmental Conservation - Division of Fish, Wildlife, and Marine Resources; National Oceanographic and Atmospheric Administration - Fisheries Service

**Private Sector** - ENSCO Inc.; Ocean Studies Board; Commission of Geosciences; Environment and Resources; Quality Environmental Analysis LLC; Jones & Stokes

### High School/College Courses to Take:

Aquatic Ecology, Geography, Management, Biology, Zoology, Fisheries Science, Chemistry, Mathematics, Microbiology, Oral and Written Communication

### Related Professions:

Conservation Agent  
Wildlife Biologist  
Fish and Game Warden  
Aquatic Biologist



Cornell University