UW School of Aquatic and Fishery Sciences – Graduate Program

SAFS TA Application – Position Description

The School of Aquatic and Fishery Sciences (SAFS) is hiring a Pre-doctoral Instructor for duties in Autumn Quarter 2025:

Course: FISH 552A Intro to R and FISH 553A Advanced R
Superviser: Tim Essington
Dates: September 16, 2025 – December 15, 2025
Compensation: Position is 75% FTE of SAFS Variable Candidate rate https://facstaff.grad.uw.edu/wp-content/uploads/2024-25_variable-TA-salary-schedule.pdf; salary is commensurate with academic standing

Deadline to Apply: APRIL 30, 2025. Priority consideration given to applications received by this date. Applications will be accepted after this date if the position remains unfilled.

Course Information

FISH552 and FISH553 introduce graduate students, primarily in aquatic and fishery sciences or other natural sciences, to the R statistical programming language. FISH552 is offered in the first five weeks of the quarter, and FISH553 in the final five weeks of the quarter. Most students take both courses (2 credits each). The courses are run as combined lecture/labs, with lectures interspersed with practical exercises in a computer laboratory. The class is offered as credit / no credit. The individual selected for this position will be responsible for teaching both courses. Materials for the course are well developed.

Catalog description:

FISH 552 - Introduces R, a freely available and widely used platform for statistical analysis. Covers reading, storing, and manipulating data; introductory graphics; basic statistical analyses; and fitting linear models.

FISH 553 - Covers the use of maximum likelihood estimation and programming in R. Uses R functions to estimate parameters of models and to quantify uncertainty.

Course Schedule: Lecture: MW 1130-120

Position Responsibilities

The appointee will serve as a Pre-doctoral Instructor with solo responsibility for teaching the course. Duties will include:

- Organize and lead instruction of class and laboratory sections
- Maintain regular office hours for student consultation
- Supervise the administration of the classes, including maintenance of instructional website, allocation of grades, delivery of course related materials

Position Qualifications

- Background in quantitative and natural sciences.
- Advanced knowledge in the use of R and R programming in scientific data management, processing and presentation. Background in supporting software (especially RStudio) is preferred.
- Experience in teaching at the University level, ideally leading and coordinating instruction.
- Strong communication and organization skills, and ability to work collaboratively with faculty, student teaching assistants, and staff

- Academic standing as a UW Graduate Student and eligibility to hold a Graduate Student Assistantship.
- Availability for full course
- Experience using Canvas to access course materials.

Application Instructions

To apply, complete application form* at https://tinyurl.com/ApplySAFSTA and upload the following additional documents (under one cover, with course name and number and your full name in the document's title):

1. Cover letter – include description of your general background, why you are applying for this ASE position, strengths and any abilities directly related to the specific course(s) that you would bring to the position, etc.
2. Current resumé or CV
3. Name, title, and contact information (email, phone number) for three references who are familiar with your teaching abilities and/or knowledge and experience relevant to the content of the course(s) for which you are applying.

**To access the form, log in using your @uw.edu address (https://mail.google.com/a/uw.edu).*

Department Information

The School of Aquatic and Fishery Sciences (SAFS) presents programs for undergraduate and graduate teaching, research, and service in basic and applied aquatic sciences, with emphases on fisheries management and aquatic resource conservation. SAFS faculty, staff, and students have access to myriad aquatic habitats and rich biological resources, and they are involved in interdisciplinary partnerships with other academic programs, as well as public and private organizations and environmental and regulatory agencies. The people and programs in SAFS are continuing a long tradition of actively addressing major issues in the aquatic sciences.

This opportunity is open to all eligible persons regardless of race, sex or other identity. We encourage applications from candidates who can contribute to our programs' diversity through their life experiences, scholarship, and/or service to the institutions.

The University of Washington is an equal opportunity, affirmative action employer. To request disability accommodation in the application process, contact the Disability Services Office at 206.543.6450 / 206.543.6452 (tty) or dso@uw.edu.