

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 Teaching Assistant for duties in Autumn Quarter 2024:

Course: FISH 552/553: Intro & Advanced R Programming

Course Instructor: Markus Min

TA Supervisor: Tim Essington

Dates: September 16, 2024 – December 15, 2024

Compensation: Position is 50% FTE; salary is commensurate with academic standing

Deadline to Apply: **AUGUST 1, 2024**. Priority consideration given to applications received by this date. Applications will be accepted after this date if the position remains unfilled

Course Information – FISH 552/553

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 candidate selected for this position will assist the instructor in the lab portions and grade homework.

Catalog description:

FISH 552 Introduction to R Programming for Natural Scientists (2)

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 Advanced R Programming for Natural Scientists (2)

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

Course Website: In development

Course Schedule: M W 11:30-1:20

Position Responsibilities

- Assisting with two weekly two-hour lecture/lab sections
- Grading weekly lab assignments
- Conducting office hours (1-2 hours per week).

Position Qualifications

- Applicants must have experience in programming in R.
- Experience using Canvas to access course materials.
- Availability for the full period during which the course is offered
- Academic standing as a UW Graduate Student and eligibility to hold a Graduate Student Assistantship (including being registered for 10+ credits in Autumn quarter).

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Application Instructions

To apply, complete application form* at <https://tinyurl.com/ApplySAFSTA> and upload the following additional documents (under one cover, with FISH 552 553 and your full name in the document's title):

1. A detailed letter describing qualifications for the position – 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. Curriculum vitae
3. The names and contact information of three individuals who can serve as references

***NOTE:** To access application form, log in using your @uw.edu email address. If you do not have an @uw.edu email address, email your letter, CV, and references to safsadv@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.

The University of Washington is an affirmative action, equal opportunity employer. The College of the Environment is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities, and covered veterans.

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.