Excellent statements of purpose are specific, informative, focused and concise. See the Biology and Wildlife website (https://www.uaf.edu/bw/) for more detailed instructions about the statement of purpose.

• Three letters of reference from individuals who can address your potential to succeed in graduate school. Ideally, letters of reference should come from university faculty, research staff, or professionals familiar with your academic and research achievements and also with the expectations of graduate school. References will be asked to address writing ability, critical thinking skills, quantitative skills, and potential to succeed in a graduate program. References that address notable service (e.g., Peace Corps or AmeriCorps) may also be informative.

• Optional: scores from the GRE General Test will be considered if submitted

• International students: please consult UAF’s most recent application requirements (https://catalog.uaf.edu/getting-started/admission/#internationalstudenttext)

Note - Students are typically not admitted to the program unless a faculty advisor has agreed to serve as the mentor. Applicants should contact potential advisors before applying.

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Learning Outcomes are measurable statements that describe knowledge or skills achieved by students upon completion of the program.

Students graduating from this program will be able to:

• Demonstrate a broad knowledge of the biology of animals that includes and understanding of the structure and function of individual organisms, the interactions among populations and communities of animals, plants, people and their environment, and the principles of monitoring and managing animals and their habitats

• Effectively communicate scientific evidence in both oral and written form; they will be able to make cogent scientific arguments for specialist audiences in the sciences but will also be able to present arguments and evidence to general audiences

• Be competent in the collection of data, quantitative analysis and the use of scientific literature

• Complete the program in a timely manner

• Obtain jobs in the wildlife profession or engage in further graduate study

• Publish their thesis research in peer-reviewed scientific journals and present their work at professional conferences