Texas A&M University   **Marketable Skills**

Program:	Wildlife & Fisheries Sciences
Degree:	BS
Department:	Wildlife & Fisheries Sciences
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Outcome	Master the depth of knowledge required for a degree
Marketable Skills	- Study how wild aquatic and terrestrial animals interact with their environment, including how basic needs for survival and reproduction are met. - Estimate wild animal and plant populations in aquatic and terrestrial ecosystems. - Conduct field and laboratory research, including designing studies, collecting data, analyzing results, and reporting findings. - Provide wildlife and habitat management recommendations. - Identify human impacts on wildlife and develop ways to mitigate these impacts. - Communicate scientific findings and management recommendations to a variety of audiences including academic peers and the general public. - Differentiate between types of wildlife

Outcome	Demonstrate critical thinking
Marketable Skills	- Summarize all perspectives of an issue in wildlife & fisheries and compare and contrast their merits - Prepare a comprehensive analysis or synthesis using information taken from credible resources - Thoroughly analyze and evaluate own and others assumptions relating to the field of wildlife and fisheries. - Create a comprehensive position on a wildlife and fisheries related topic or issue, which includes summary and evaluation of predicted objections, related assumptions and potential implications of the position

Outcome	Communicate effectively
Marketable Skills	- Practice verbal delivery of a central message that is compelling. - Synthesize appropriate, relevant, and compelling content to illustrate mastery of the subject. - Create and disseminate a wildlife and fisheries related central message. - Create visual representations of information that effectively articulate the central message. - Demonstrate comprehension of listening communication by discussing topics with an independent, intellectual, and ethical disposition.

Outcome	Practice personal and social responsibility
Marketable Skills	- Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action. - Managing one's own time and the time of others. - Create a model illustrating the implementation of respectful behaviors toward the land within wildlife and fisheries. - Formulate standards of practice that incorporate legal and ethical requirements impacting wildlife and fisheries.

Outcome	Demonstrate social, cultural, and global competencies
Marketable Skills	- Interpret intercultural experiences in wildlife and fisheries from the perspectives of diverse worldviews and recognize and value the feelings of other cultural groups. - Express a complex understanding of cultural differences in verbal and nonverbal communication, being able to negotiate a shared understanding based on those differences. - Apply knowledge and skills to implement sophisticated, appropriate, and workable solutions to address complex global problems including those facing wildlife and fisheries using interdisciplinary perspectives.

Outcome	Prepare to engage in life-long learning
Marketable Skills	- Understanding the implications of new information for both current and future problem-solving and decision-making. - Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.

Outcome	Work collaboratively
Marketable Skills	- Motivating, developing, and directing people as they work, identifying the best people for the job. - Bringing others together and trying to reconcile differences.

Notes:

- All marketable skills listed for this example program were drawn from the Knowledge, Skills, and Abilities identified by the US Department of Labor and Statistics for "wildlife biologist" as published on O*Net Online (onetonline.org)
- Alternate sources for degree-specific marketable skills include learning outcomes and associated metrics used for programmatic assessment
- Learning outcomes or skills required for programmatic accreditation