

Marine Biologist Job Description

Duties and Responsibilities:

- Observe the behavior and characteristics of aquatic creatures
- Collect sample and specimen from the ocean and other water bodies
- Investigate the relationship between creatures and organisms living in water
- Analyze the effects of human activities on aquatic life and the environment
- Utilize and maintain instruments used in the scientific process
- Write reports and contribute to scientific journals based on research findings
- Assist government and environmental protection agencies in drafting laws to protect water bodies and aquatic creatures
- Monitor human activities to ensure compliance with best practices
- Provide industries guide on how to utilize research findings in making profitable decisions
- Draft grant proposals to secure necessary funding for research
- Assist project planners in determining project scope and conducting environmental impact assessment.

Marine Biologist Requirements – Skills, Knowledge, and Abilities

- Firstly, you must be passionate about aquatic life and must enjoy spending most of your time around water bodies and laboratories
- Secondly, to be recognized as a marine biologist, you need at least a Bachelor's degree in biology and/or Master's in marine biology. Doctoral degree is also necessary if you intend advancing in the career
- In addition to the academic requirements, you need to belong to a professional body to ease your access to real time information and best technology as they emerge
- Knack for research and innovation is very important as the job mostly revolves around carrying out investigations

- A marine biologist must be very observant and have zero tolerance for errors that might affect the reliability of research findings
- Finally, good math, science, and communication skills are necessary. The biologist must be able to communicate his/her ideas or findings through writing and speaking.