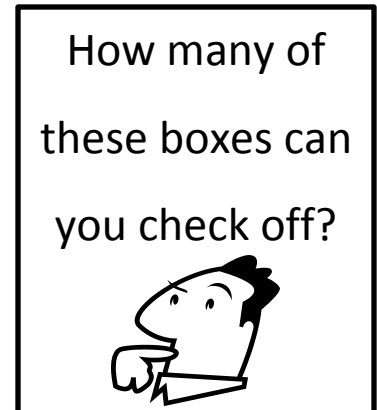


What Do Employers Expect from Biology Graduates?

At a recent forum, employers were asked what they are looking for in today's successful graduates. Their answers are listed below:

- Leadership and Strong Oral and Written Communication Skills
- Problem Solving Skills
- Commitment to Customer Service
- Ability to Work with Teams
- Results Oriented
- Critical and Analytical Thinking Skills
- Solid Internship/Independent Study Experience
- Can Adapt to Change Easily/Flexible
- Statistics Math Background
- Solid Competence in Research Methodology and Scientific Techniques
- Excellent Planning Skills
- Volunteer and Extracurricular Activities
- Ability to Work with People from Diverse Cultural Backgrounds
- Fluency in a Second Language
- Proficient Computer Skills



Sample Occupations:

- [Agricultural & Food Scientist](#)
- [Animal Behavior Careers](#)
- [Animal Health Technologist](#)
- [Animal Science \(Dozens of Careers\)](#)
- [Arborist](#)
- [Aquarist](#)
- [Aquarium Exhibit Coordinator](#)
- [Bioacoustics](#)
- [Biological Scientist](#)
- [Biomedical Engineer](#)
- [Biotechnology](#)
- [Botanist](#)
- [Carbon Trader](#)
- [Careers in Biology](#)
- [Careers in Forensic Science](#)
- [Careers in Genetics and the Biosciences](#)
- [Cave Biologist \(audio & article, npr.org\)](#)
- [College/University Faculty](#)
- [Consumer Products Research Scientist](#)
- [Discover Entomology Brochure](#)
- [Entomologist](#)
- [Exploring Options in Biology Careers](#)
- [Fish & Game Warden](#)
- [Food Scientist](#)
- [Forensic Scientist](#)
- [Forester & Conservation Scientist](#)
- [Guide to Careers in Science Writing](#)
- [Horticulturist](#)
- [Hospital Medical Assistants](#)
- [Laboratory Technician, Water Industry](#)
- [Life Science Careers](#)
- [Marine Biology & Oceanography \(many links\)](#)
- [Marine Mammal Scientist](#)
- [Medical Geneticist](#)
- [Medical Illustrator](#)
- [Medical Transcriptionist](#)
- [Microbiological Sciences](#)
- [Microbiologist](#)
- [Microbiologist, Water Industry](#)

- [Oceanographer](#)
- [Oceanography, Marine Science and Marine Biology](#)
- [Options with a Biology Degree](#)
- [Paleontologist](#)
- [Plant Breeding Technologist](#)
- [Pursuing a Career in Science and Law](#)
- [Science Careers Now](#)
- [Science Technician](#)
- [Toxicology](#)
- [Veterinary Technologist](#)
- [Water Conservation Specialist](#)
- [Water Quality Specialist](#)
- [Water Reclamation Specialist](#)
- [Water Resource Planner](#)
- [Wildlife Rehabilitation](#)
- [Zoo and Aquarium Jobs \(pdf\)](#)

Health & Medical Professions (requiring post-baccalaureate degrees)

- [Anesthesiologist](#)
- [Chiropractors](#)
- [Dentist, General](#)
- [Genetics Counseling](#)
- [Health Professions \(36 brief descriptions\)](#)
- [Naturopathic Physician](#)
- [Optometrists](#)
- [Orthotics & Prosthetics](#)
- [Osteopathy](#)
- [Pediatrician](#)
- [Pharmacy](#)
- [Physician & Surgeon](#)
- [Physician's Assistant](#)
- [Podiatrists](#)
- [Toxicologist](#)

Employers:

- [Agricultural Industry](#)
- [Biotechnology Companies](#)
- [Botanical Parks](#)
- [Clinics & Hospitals](#)
- [Colleges & Universities](#)
- [Conservation Society](#)
- [Crime/Forensic Labs](#)
- [Environmental/Pollution Control](#)
- [Museums](#)

- [Environmental Protection Agency](#)
- [Government Agencies](#)
- [Hospitals](#)
- [Industrial Laboratories](#)
- [Laboratories](#)
- [Manufacturers](#)
- [Medical Research Labs](#)
- [Medical Schools](#)
- [National Park Service](#)

- [National Science Foundation](#)
- [Park Districts](#)
- [Pharmaceutical Companies](#)
- [Private Research Foundations](#)
- [Public Health Departments](#)
- [Public Utilities](#)
- [Sanitation Districts](#)
- [U.S. Fish & Wildlife Service](#)
- [Zoos and Aquariums](#)

The student:

Attitude

- is an enthusiastic learner who seems to enjoy school
- exhibits a positive outlook and attitude in the classroom
- appears well rested and ready for each day's activities
- shows enthusiasm for classroom activities
- shows initiative and looks for new ways to get involved
- uses instincts to deal with matters independently and in a positive way
- strives to reach his (or her) full potential
- is committed to doing his (or her) best
- seeks new challenges
- takes responsibility for his (or her) learning

Behavior

- cooperates consistently with the teacher and other students
- transitions easily between classroom activities without distraction
- is courteous and shows good manners in the classroom
- follows classroom rules
- conducts himself (or herself) with maturity
- responds appropriately when corrected
- remains focused on the activity at hand
- resists the urge to be distracted by other students
- is kind and helpful to everyone in the classroom
- sets an example of excellence in behavior and cooperation

Character

- shows respect for teachers and peers
- treats school property and the belongings of others with care and respect
- is honest and trustworthy in dealings with others
- displays good citizenship by assisting other students
- joins in school community projects
- is concerned about the feelings of peers
- faithfully performs classroom tasks
- can be depended on to do what he (or she) is asked to do
- seeks responsibilities and follows through
- is thoughtful in interactions with others

Communication Skills

- has a well-developed vocabulary
- chooses words with care

- expresses ideas clearly, both verbally and through writing
- has a vibrant imagination and excels in creative writing
- uses vivid language in writing
- writes clearly and with purpose
- writes with depth and insight
- can make a logical and persuasive argument
- listens to the comments and ideas of others without interrupting

Group Work

- offers constructive suggestions to peers to enhance their work
- accepts the recommendations of peers and acts on them when appropriate
- is sensitive to the thoughts and opinions of others in the group
- takes on various roles in the work group as needed or assigned
- welcomes leadership roles in groups
- shows fairness in distributing group tasks
- plans and carries out group activities carefully
- works democratically with peers
- encourages other members of the group
- helps to keep the work group focused and on task

Interests and Talents

- has a well-developed sense of humor
- holds many varied interests
- has a keen interest that has been shared with the class
- displays and talks about personal items from home when they relate to topics of study
- provides background knowledge about topics of particular interest to him (or her)
- has an impressive understanding and depth of knowledge about his (or her) interests
- seeks additional information independently about classroom topics that pique interest
- reads extensively for enjoyment
- frequently discusses concepts about which he (or she) has read
- is a gifted performer
- is a talented artist
- enjoys sharing his (or her) musical talent with the class

Participation

- listens attentively to the responses of others
- follows directions
- takes an active role in discussions
- enhances group discussion through insightful comments
- shares personal experiences and opinions with peers
- responds to what has been read or discussed in class and as homework
- asks for clarification when needed
- regularly volunteers to assist in classroom activities
- remains an active learner throughout the school day

Social Skills

- makes friends quickly in the classroom
- is well-liked by classmates
- handles disagreements with peers appropriately
- treats other students with fairness and understanding
- is a valued member of the class
- has compassion for peers and others
- seems comfortable in new situations
- enjoys conversation with friends during free periods
- chooses to spend free time with friends

Time Management

- tackles classroom assignments, tasks, and group work in an organized manner
- uses class time wisely
- arrives on time for school (and/or class) every day
- is well-prepared for class each day
- works at an appropriate pace, neither too quickly or slowly
- completes assignments in the time allotted
- paces work on long-term assignments
- sets achievable goals with respect to time
- completes make-up work in a timely fashion

Work Habits

- is a conscientious, hard-working student
- works independently
- is a self-motivated student
- consistently completes homework assignments
- puts his (or her) best effort into homework assignments
- exceeds expectations with the quality of his (or her) work
- readily grasps new concepts and ideas
- generates neat and careful work
- checks work thoroughly before submitting it

- stays on task with little supervision
- displays self-discipline
- avoids careless errors through attention to detail
- uses free minutes of class time constructively
- creates impressive projects

How many of these can
be applied to YOU?

