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What skills can graduates gain?

Though studying a degree in Biochemistry, graduates develop a range of skills and competencies, which can include:

- The ability to undertake complex biological processes
- Knowledge of molecular biology techniques
- Practical laboratory skills
- Observation, evaluation and development, and data analysis
- The ability to assemble a team and engage in debate
- Critical and analytical thinking and problem solving
- Capacity to think creatively, logically and analytically
- Mathematical and computer competencies
- Good planning and organization
- Communication, presentation and reporting
- Teamwork and leadership.

Applied Learning

Applied learning opportunities are available through laboratory sessions and field trips. The experience deepens knowledge, awareness of the world, working knowledge and employability.

Workforce Demand

Manpower look for generic skills such as communication, client/customer-focus, biological competence, cultural awareness, teamwork and initiative.

With technology, globalization, and other disruptive changes, skill change resilience, problem solving, and adaptability are important.

Skills have a likelihood of importance include analytical and creative thinking, team working and technological literacy.*

*World Economic Forum: www.weforum.org/agenda/2023/05/future-of-jobs-2023-skills

Higher Education

- Some skills are gained through studying
- Educational activities can help, change in order to build, mentoring, cultural goals, part-time work experience
- Be open to professional development (Applied Learning) -16 (anc)16 (e)-10 (n)

What jobs and activities might graduates do?

Graduates with this degree are employed in a range of jobs see some examples below.

Lab technician

- Lab technician - perform experiments, analyse data, and maintain equipment
- Lab assistant - perform technician and scientific, of enabling managing material and organising the lab
- Lab demonstrator - guide and teach students in an educational laboratory, emphasising learning over experimentation

Teaching assistant

- Gather and label samples
- Perform tests, including blood counting and differential
- Conduct antibiotic sensitivity and allergen testing

Graduate research assistant

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CEO, Gig Science

Postdoctoral Fellow, Centre

Environmental Research (C

China Water Research Ce

Wanaka / Otago | Lincoln

Master of Science in Bioch

Bachelor of Science in Bio

Careers