

Explore this great staffing solution now ...

Hire a biotechnology intern!

The **Biotechnology / Laboratory Techniques** program trains biotechnologist to work in public and private sector research laboratories, research centers, municipalities, etc. They are trained to work in widely varied sectors: health, pharmaceuticals, chemistry, agri-food, environment, the mining industry, pulp and paper, forestry, quality control, etc.

What tasks can an intern perform in your team?

Under the supervision of a technician or scientist, interns can make a significant contribution in different tasks related to their profession:

- collecting samples;
- preparing solutions and material;
- conducting gravimetric, volumetric, instrumental and statistical analyses;
- using software to compile, process and communicate data;
- culturing and using micro-organisms and cells of higher organisms;
- performing chemical, biochemical, microbiological and immunological analyses;
- maintaining equipment;
- working in sterile conditions.

What skills have they acquired before their internship?

Before their internship, the students will have completed the program's second year. In addition to general scientific knowledge, they have acquired specific knowledge in the following areas:

- safe working methods, accuracy, self-reliance, responsibility;
- calculations needed to prepare solutions;
- development of new analytical methods;
- maintenance of analytical equipment;
- current operations in organic and inorganic chemistry;
- analysis of experimental results;
- molecular biology.

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With which types of technology and equipment are they familiar?

In their biotechnology courses, students have had the opportunity to work with the following types of equipment:

- autoclave;
- colony counter;
- ultraviolet, visible-light and infrared spectrophotometers;
- pH meter and automatic titrator;
- ion-selective electrode;
- tensiometer and viscosimeter;
- CCD camera;
- Microscope;
- Micropipette;
- Electrophoresis;
- Microtome (tissue processor);
- Growth chamber and cryopreservation system.

With which types of software are they familiar?

All courses in this program use computers. Furthermore, in addition to popular software programs such as Excel or Word, many analytical instruments are linked to computers..

How are intern partnership established?

The Biology Department gives the Work-Study Internship Coordinator responsibility for finding internships and reaching most agreements with employers..

Placing an intern into your work team requires only 7 simple steps:

1. Employers begin the process by consulting the various public online databases which list candidates looking for a student job.
2. Interested employers communicate with our Department's Internship Coordinator whose contact data appears below.
3. They submit an offer to hire an intern or develop the possible offer jointly with our Coordinator.
4. The Coordinator then informs possible candidates about internship offers.
5. The Coordinator submits a written application to the employer for each interested intern.
6. The employer selects an applicant.
7. The Cegep, the intern and the employment work supervision sign an agreement specifying the internship conditions and describing each party's responsibilities.

What are internship schedules and stipends?

The Biotechnology program includes two paid internships. The first, lasting from 12 to 14 weeks, is at the end of the 4th semester, that is, in the summer after the 2nd year of the program. Its objective is to enable the intern to learn about laboratory techniques used in the workplace. The second internship, lasting 8 weeks, begins in the 6th semester, in mid-april. Both provide opportunities to make links between acquired theoretical knowledge, necessary skills to be developed and the real, practical requirements of an actual workplace situation.

Who to contact to hiring your intern?

Sylviane Lantin
Work-Study Internship Coordination
Biotechnology program

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