

What to do with a degree in **Biomedical Computing**

There's more than one route to get where you want to go. To start, choose a degree—and courses within it—that make you excited about learning. As you gain insight, you can adjust or change direction.

How will you put your degree to work for you?

1. Check your degree list for potential occupation areas (*see below*)
2. Go to the following sections at <http://careers.queensu.ca> **What to do with a degree in...?**
 - Explore your degree-related Interests, Skills, Values & Needs
 - Browse occupations and trends
 - Research and connect with people who do the work
 - View career snapshots to find Queen's grads with your degree or who are working in fields that interest you
 - Follow a great example for a step-by-step guide on how to use your degree to determine direction
 - Find out how to take your next steps

What is a degree in **Biomedical Computing** about?

Biomedical computing combines the diagnostic and investigative aspects of biology and medical science with the sheer power and problem-solving capabilities of the modern computer. In this new rapidly-evolving discipline, computers are used to accelerate research learning, simulate patient behaviour and visualize complex biological models. They shorten the cycles of medical research, just as they extend its boundaries. Biomedical computing goes far beyond simply bringing computers into the lab. At its root, it represents the integration of a new way of thinking, light-speed logic, into the traditional practice of medicine and life science.

Degrees available: (B)

Department website: <http://www.cs.queensu.ca/applicants/biomed/>

What **Occupation Areas** build on **Biomedical Computing**?

You can use this list to begin investigating what's out there for you. Remember: a list is only a list; it is not prescriptive or comprehensive, but it's a starting point.

Biomedical Engineering
Business Administration and Management
Communications
Consumer Services

Data Mining & Processing
Education
Computing Science - incl. Software Hardware and Analysis
Informatics
Internet (incl. World Wide Web)
Health Information Management
Health Promotion
Law
Medical Investigation
Public Administration
Public Relations
Robotics
Software Design
Telecommunications

What Associations work around Biomedical Computing?

Associations can be a great source of information in investigating fields that interest you because associations have access to the most accurate and up-to-date information relevant to their field.

- World Hellenic Biomedical Association <http://www.whba1990.org/>
- Canada's Health Informatics Association <http://coachorg.com/>
- International Medical Informatics Association <http://www.imia.org/>

Want to find associations specific to your interests?

Check the Associations Directory in the Career Information Area at Career Services. It features a subject keyword index (that reflects your career interests keywords) and will enable you to access information about what's going on around work you want to do.

Try the same method of using keywords of topics that interest you to do a web search for associations.
Example: associations [interest keyword] Canada OR associations [interest keyword] Ontario

See more "how-to" on finding associations at Search and Network, Resources & Tools, in MyCareer MAP

There's more for you at MyCareer MAP <http://careers.queensu.ca>