What can I do with my studies in MICROBIOLOGY & IMMUNOLOGY?

The information in this handout will provide you with ideas as to some typical careers/jobs that are associated with your degree, along with alternative careers that may not be as directly related to what you have studied. This by no means implies that these jobs are the only options you have. These careers are just samples of what you can do if you have the appropriate skills and experience.

I can look for work now with my B.Sc. in Microbiology & Immunology. Depending on my interests and experience, possible job titles include:

<table>
<thead>
<tr>
<th>Forensic Laboratory Technician #2211</th>
<th>Laboratory Assistant #4122</th>
<th>Research Assistant #4122/4164</th>
<th>Pharmaceutical Sales Representative #6221</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Salesperson #6221</td>
<td>Food Technologist #2211</td>
<td>Quality Control Technologist #2233, #2211</td>
<td>Medical Technologist #3211</td>
</tr>
<tr>
<td>Biological Researcher</td>
<td>Medical Illustrator#5241</td>
<td>Pest Control Consultant</td>
<td>Ecologist #2121</td>
</tr>
<tr>
<td>Hunger Policy Analyst</td>
<td>Water Quality Inspector</td>
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</tbody>
</table>

I can look for work now outside my area of study. Depending on my interests and experience, possible job titles include:

**Business**

- Management Consulting #1122
- Quality Control / Quality Assurance Specialist
- Insurance Agent #6231
- Human Resources Specialist #1121
- Benefits Officer #1432
- Public Relations Consultant #5124
- Investment Advisor #1112
- Entrepreneur / Venture Capitalist
- Marketing Specialist
- Job Analyst #1121
- Market Researcher #4163

**Education**

- Academic Advisor #4143
- Educator / Trainer #4131

**Communications**

- Writer #5121
- Journalist #5123
- Editor #5122
- Technical Writer #5121
- Reporter #5123
- Broadcaster #5231
With additional education/training or experience, I can become:

- Immunologist #2121
- Microbiologist #2121
- Bacteriologist #2121
- Molecular Biologist #2121
- Environmental Biologist #2121
- Geneticist #2121
- Marine Biologist #2121
- Research Scientist #2112
- Mycologist #2121
- Virologist #2121
- Biochemist #2112
- Epidemiologist #2161
- Biotechnology Engineer #2134
- Allergologist #3111
- Pathologist #3111
- Pharmacist #3131
- Professor #4121 / Teacher #4141
- Patent Agent #4161
- Scientific Consultant #4161
- Clinical Research Associate #4165
- Research Funding Administrator
- Science Policy Advisor
- Scientific Writer #5121
- Plant Manager #0911
- Programmer
- Waste Management Program Co-ordinator #4161

For career descriptions, profiles and job outlooks visit the National Occupational Classification Website (http://www23.hrdc-drhc.gc.ca/2001/e/generic/welcome.shtml), Job Futures (www.jobfutures.ca), and Career Cruising (www.careercruising.com, username & password available by contacting CAPS)

If you wish to explore your interests, identify your goals, and discover how to make the most of your education, we encourage you to sign up for the P.A.C.E. program (Program for the Advancement of Career Exploration). For more information visit http://www.caps.mcgill.ca/programs/pace/

Feel free to come by the CAPS office to make an appointment with a career advisor to discuss your career options and job search strategies.

Employers

<table>
<thead>
<tr>
<th>Biological Industry</th>
<th>Pulp &amp; Paper Industry</th>
<th>Diagnostic Laboratories</th>
<th>Medical &amp; Science Supply Companies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biotechnology Industry</td>
<td>Environmental Agencies</td>
<td>Hospitals</td>
<td>Technical Sales Companies</td>
</tr>
<tr>
<td>Energy Industry</td>
<td>Government Agencies</td>
<td>Physicians’ Offices</td>
<td>Research Foundations</td>
</tr>
<tr>
<td>Fermentation Industry</td>
<td>Public Health Agencies</td>
<td>Private Clinics</td>
<td>Universities</td>
</tr>
<tr>
<td>Food &amp; Beverage Industry</td>
<td>Water Authorities</td>
<td>Veterinary Clinics</td>
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</tr>
<tr>
<td>Pharmaceutical Industry</td>
<td>Regulatory Affairs Departments</td>
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</tr>
</tbody>
</table>
Skills of Microbiology & Immunology Majors

- Analytical
- Critical Thinking
- Problem Solving
- Detail Oriented
- Precise
- Thorough
- Organized
- Observant
- Reasoning
- Technical Writing Skills
- Research Methodology
- Data Analysis Techniques
- Computer Skills
- Statistical Analysis

Professional Associations

- Canadian Society of Microbiologists (www.csm-scm.org)
- Canadian Association for Clinical Microbiology and Infectious Diseases (www.cacmid.ca)
- l’Association des Microbiologistes du Québec (www.cam.org/~amq/)

McGill University Career & Placement Service

www.caps.mcgill.ca