The expanding network of known molecular interactions. New interactions added in the past year are shown in red.
Molecular Biology and Biochemistry
The program provides a broad and rigorous foundation in the life sciences from a biochemical, cellular and molecular perspective. Flexibility in upper division course selection allows students to tailor the program to their own interests as well as meet the entry requirements for medical school, dental school and many other professional programs. MBB faculty are engaged in cutting-edge research in fields such as Bacterial Pathology, Bioinformatics, Biomembranes, Cancer, Developmental Genetics, DNA Nanotechnology, HIV, Immunology, Genomics, Proteomics, Signal Transduction and more. Faculty are eager to have undergraduates participate in research experience in their laboratories.

Program Options
MBB offers a major and honours program with the honours program emphasizing individual research with a faculty member. MBB offers three joint major programs that also have an honours option emphasizing a research component
- Joint Major/Honours MBB and Business
- Joint Major/Honours MBB and Computing Science
- Joint Major/Honours MBB and Chemistry

Those interested in further understanding the large scale collection, analysis and application of data involving genes and macromolecules may be interested in the Certificate in Genomics.

Sample Careers
In addition to preparation for medicine and dentistry, other fields that an MBB major can prepare you for (some of which may require further education or training) include:
- Bioinformatics
- Biotechnology
- Education
- Genetic Counselling
- Laboratory Technician
- Pharmaceutical Sales Rep

Co-op Education
Students who have completed 90 credits or less may apply to SFU’s Co-op program, which provides opportunities for students to explore careers and enrich their educational experience via three to four paid, full-time work semesters related to their academic field. Students may work locally, nationally and internationally. Past placements for MBB students have included: BC Cancer Research Centre, Public Health Agency of Canada, STEMCELL Technologies and Tekmira Pharmaceuticals.

Essential Websites
sfu.ca/mbb/undergraduate-program/mbb-advising.html
sfu.ca/mbb
sfu.ca/admission
sfu.ca/coop

“"The joint major program with Business has given me a very robust set of skills that have proven to be essential in today’s knowledge economy. The rigors of the scientific process have allowed me to effectively analyze the needs of business and to be the conduit between the two worlds."”

– Fred B. alumnus

> sfu.ca/science <

Further Information

Student info, academic calendar, registration
students.sfu.ca
Science advising
sfu.ca/science/undergrad/advising