Biomedical Sciences (Tracks)

Please visit individual program pages within the bulletin for directory and program contact information:

- Anatomical Sciences (HBA)
- Biochemistry and Structural Biology (BSB)
- Molecular and Cellular Biology (MCB)
- Molecular and Cellular Pharmacology (HBH)
- Molecular Genetics and Microbiology (HBM)
- Neuroscience (NEU)
- Oral Biology and Pathology (HDO)
- Physiology and Biophysics (HBY)
- Clinical Research

Description

The MS in Biomedical Sciences (HBBMS) is shared by nine graduate programs: Anatomical Sciences (HBA), Biochemistry and Structural Biology (BSB), Molecular and Cellular Biology (MCB), Molecular and Cellular Pharmacology (HBH), Molecular Genetics and Microbiology (HBM), Neuroscience (NEU), Oral Biology and Pathology (HDO), Physiology and Biophysics (HBY), and Clinical Research.

Each track under the MS in Biomedical Sciences is differentiated by their areas of study. Curriculum is established by each area.

Admissions Requirements

Please visit individual program pages within the bulletin for admission information:

- Anatomical Sciences (HBA)
- Biochemistry and Structural Biology (BSB)
- Molecular and Cellular Biology (MCB)
- Molecular and Cellular Pharmacology (HBH)
- Molecular Genetics and Microbiology (HBM)
- Neuroscience (NEU)
- Oral Biology and Pathology (HDO)
- Physiology and Biophysics (HBY)
- Clinical Research

Degree Requirements

Anatomical Sciences Track (HBA)

Completion of this track requires 30 credits from the approved PhD curriculum in Anatomical Sciences and a thesis or comprehensive examination.

Biochemistry and Structural Biology Track (BSB)

Completion of this track requires 30 credits from the approved PhD curriculum in Biochemistry and Structural Biology and a thesis.

Molecular and Cellular Biology Track (MCB)

Completion of this track requires 30 credits from the approved PhD curriculum Molecular and Cellular Biology and a thesis.

Molecular and Cellular Pharmacology Track (HBH)

Successful completion of the Pharmacology track requires 42 graduate level credits and a thesis. Twenty four credits are in required courses, up to 6 credits of electives, and 12 to 18 research credits.
Molecular Genetics and Microbiology Track (HBM)
Completion of this track requires 30 credits from the approved PhD curriculum Molecular Genetics and Microbiology and a thesis.

Neuroscience Track (NEU)
Completion of this track requires 30 credits from the approved PhD curriculum Neuroscience and a thesis.

Oral Biology and Pathology Track (HDO)
Completion of this track requires 30 credits from the approved PhD curriculum Oral Biology and Pathology and a thesis.

Physiology and Biophysics Track (HBY)
Completion of this track requires 30 credits from the approved PhD curriculum Physiology and Biophysics and a thesis.

Clinical Research Track
Completion of this track requires 38 credits of graduate coursework, including electives and a master’s thesis. There are 30 credits in required courses, up to 8 credits in electives, and 0-6 additional credits required. *Contact individual programs for more information*

NOTE: The course descriptions for this program can be found in the corresponding program PDF or at COURSE SEARCH.