Biochemistry

This section presents the requirements for programs in:

- **M.Sc. Biology with Collaborative Specialization in Biochemistry**
- **M.Sc. Chemistry with Collaborative Specialization in Biochemistry**
- **Ph.D. Biology with Collaborative Specialization in Biochemistry**
- **Ph.D. Chemistry with Collaborative Specialization in Biochemistry**

M.Sc. Biology with Collaborative Specialization in Biochemistry (5.0 credits)

Requirements:

1. 1.0 credits in:		1.0
BIOL 5002 [0.5]	Seminar in Biochemistry I	
BIOL 5004 [0.5]	Advances in Applied Biochemistry	
4. 4.0 credits in:		4.0
BIOL 5909 [4.0]	M.Sc. Thesis (in the specialization)	
Total Credits		5.0

M.Sc. Chemistry with Collaborative Specialization in Biochemistry (5.0 credits)

Requirements:

1. 1.0 credit in:		1.0
CHEM 5800 [0.5]	Seminar in Biochemistry I	
CHEM 5806 [0.5]	Advances in Applied Biochemistry	
2. 1.0 credit in:		1.0
CHEM 5801 [1.0]	Seminar I	
3. 3.0 credits in:		3.0
CHEM 5909 [3.0]	M.Sc. Thesis (in the Specialization)	
Total Credits		5.0

Ph.D. Biology with Collaborative Specialization in Biochemistry (10.0 credits)

Requirements:

1. 1.0 credit in:		1.0
BIOL 6102 [0.5]	Seminar in Biochemistry II	
BIOL 5004 [0.5]	Advances in Applied Biochemistry	
3. 9.0 credits in:		9.0
BIOL 6909 [9.0]	Ph.D. Thesis (in the specialization)	
Total Credits		10.0

Ph.D. Chemistry with Collaborative Specialization in Biochemistry (10.0 credits)

Requirements:

1. 1.0 credit in:		1.0
CHEM 5806 [0.5]	Advances in Applied Biochemistry	
CHEM 6800 [0.5]	Seminar in Biochemistry II	
2. 2.0 credits in:		2.0
CHEM 5801 [1.0]	Seminar I	
CHEM 5802 [1.0]	Seminar II	
3. 1.0 credit in graduate courses		1.0
4. A two-part comprehensive in Chemistry (see Note below).		0.0
5. 6.0 credits in:		6.0
CHEM 6909 [6.0]	Ph.D. Thesis (in the specialization)	
6. At least three years of full-time study		
Total Credits		10.0

Comprehensive examination Part 1 examines the depth and breadth of knowledge in the student's own research area.

Comprehensive examination Part 2 will involve the submission of a research proposal that is both novel and of a sound scientific basis that may be loosely related to the thesis research of the student but not a topic that the student has investigated in any manner. The research proposal will be submitted to a committee for oral defense.

Failure to pass either part of the comprehensive examination will result in deregistration from the graduate program.

Regulations

See the General Regulations section of this Calendar, and the regulations pertaining the the participating units offering this specialization.