

## Study Plan for the M.Sc. Degree in Biotechnology

### Non-Thesis Track

#### First Year

Spring Semester			Fall Semester		
Cr. Hrs.	Course Title	Course No.	Cr. Hrs.	Course Title	Course No.
3	Advanced Cell Biology	1450512	3	Biotechnology & Genetic Engineering	1450502
3	Advanced Human Molecular Genetics	1450542	3	Advanced Biochemistry & Molecular Biology	1450551
3	Biotechnology Elective Course	1450xxx	3	Biotechnology Elective Course	1450xxx
<b>9</b>	<b>Total</b>		<b>9</b>	<b>Total</b>	

#### Second Year

Spring Semester			Fall Semester		
Cr. Hrs.	Course Title	Course No.	Cr. Hrs.	Course Title	Course No.
3	Biotechnology Elective Course	1450xxx	1	Research Methodology	1450501
3	Research Project	1450596	3	Biotechnology Elective Course	1450xxx
0	Comprehensive Examination	1450598	3	Biotechnology Elective Course	1450xxx
			3	Biotechnology Elective Course	1450xxx
<b>6</b>	<b>Total</b>		<b>10</b>	<b>Total</b>	

**Thesis Track**

**First Year**

<b>Spring Semester</b>			<b>Fall Semester</b>		
<b>Cr. Hrs</b>	<b>Course Title</b>	<b>Course No.</b>	<b>Cr. Hrs</b>	<b>Course Title</b>	<b>Course No.</b>
3	Advanced Cell Biology	1450512	3	Biotechnology & Genetic Engineering	1450502
3	Advanced Human Molecular Genetics	1450542	3	Advanced Biochemistry& Molecular Biology	1450551
3	Biotechnology Elective Course	1450xxx	3	Biotechnology Elective Course	1450xxx
3	Biotechnology Elective Course	1450xxx	3	Biotechnology Elective Course	1450xxx
<b>12</b>	<b>Total</b>		<b>12</b>	<b>Total</b>	

**Second Year**

<b>Spring Semester</b>		
<b>Cr. Hrs.</b>	<b>Course Title</b>	<b>Course No.</b>
1	Research Methodology	1450501
9	Thesis	1450599
<b>10</b>	<b>Total</b>	