



College of Science

**Master in Biological Sciences**

**The M.Sc. Program in Biological Science consists of 33 credit hours .  
The 33 credit hours are divided as follows:**

1. **Genera Courses (9 Credits)**
2. **Pathways Courses (12 Credits)**
3. **Thesis (12 Credits)**

Course No.	Course Title	CH
<b>Genera Courses (9 Credits)</b>		
BILOS 600	Seminar	3
BILOS 601	Research Methodology and Ethics	3
BILOS 602	Biostatistics	3
<b>Pathways (12 Credits)</b>		
<b>1. Ecology and Environmental Biology Pathway</b>		
BILOS 640	Ecology	3
BILOS 641	Biodiversity and Conservation Biology	3
BILOS 642	Ecological Impact Assessment	3
BILOS 643	Restoration Ecology	3
<b>2. Cell and Molecular Biology pathway</b>		
BILOS 660	Cell and Molecular Biology	3
BILOS 661	Genetics and Gene Regulation	3

BILOS 662	Bioinformatics	3
BILOS 663	Molecular Diagnostics of Inherited Diseases	3
<b>3. Marine Biology Pathway</b>		
BILOS 680	Marine Biology	3
BILOS 681	Marine Fisheries Management	3
BILOS 682	Integrated Coastal Management	3
BILOS 683	Marine Pollution	3
<b>4. Microbiology and Biotechnology Pathway</b>		
BILOS 603	Biotechnology and Nano-biotechnology	3
BILOS 604	Industrial Biotechnology	3
BILOS 650	Molecular Microbiology	3
BILOS 662	Bioinformatics	3
<b>Thesis</b>		<b>12</b>
<b>Total</b>		<b>33</b>