

**M. Sc. Biochemistry Syllabus-2008 under CBCS**  
**North-Eastern Hill University**

<b>Course No.</b>	<b>Course Title</b>	<b>Credits</b>
<b><u>1st Semester.</u></b>		
BCH-C- 101	Chemistry and Biomolecules	4
BCH-C- 102	Enzymology	4
BCH-C- 103	Intermediary Metabolism	4
BCH-C- 104	Practicals	6
<b><u>IInd Semester</u></b>		
BCH-O- 201	Techniques in Biochemistry	4
BCH-C- 202	Physiological Chemistry	4
BCH-O- 203	Microbiology	4
BCH-C- 204	Practicals	6
<b><u>IIIrd Semester</u></b>		
BCH-C- 301	Genetics	4
BCH-C- 302	Medical Biochemistry	4
BCH-O- 303	Environmental Biochemistry	2
BCH-O- 304	Nutritional and Clinical Biochemistry	2
BCH-C- 305	Practicals	6
<b><u>IVth Semester</u></b>		
BCH-C- 401	Molecular Biology	4
BCH-C- 402	Immunology	4
BCH-C- 403	Bioenergetics	4
BCH-C- 404	Practicals	6

Each credit shall be of 25 marks; a student has to take 60 core (C) credits and 12 open (O). The open credits may also be taken from any other related disciplines in the University.

**Department of Biochemistry**  
North-Eastern Hill University, Shillong-793022

**Time Table for M.Sc. 2<sup>nd</sup> Semester OPEN COURSES for the year 2009**

Days	09:30 AM - 10:30 Am	10:45 AM - 11:45 AM
MONDAY	BCH-O-201	BCH-O-203
TUESDAY	BCH-O-201	BCH-O-203
WEDNESDAY	BCH-O-201	BCH-O-203
THURSDAY	BCH-O-201	BCH-O-203

BCH-O-201 : Techniques in Biochemistry (4 Credits)

BCH-O-203 : Microbiology (4 Credits)

-----XXXXXXXXXXXX-----