

DEPARTMENT OF BOTANY, NORTH-EASTERN HILL UNIVERSITY, SHILLONG 793022
M. Sc. SYLLABUS- 2008
CHOICE BASED CREDIT SYSTEM (CBCS)
(Approved by Academic Council on 06.06.2008)

Course Code	Course Title	Credit	Max. Marks
Semester – I			
BOT (C) 101	Mycology, Plant Pathology and Microbiology	4	100
BOT (C) 102	Mycology, Plant Pathology and Microbiology	2	50
BOT (C) 103	Algae, Bryophytes and Pteridophytes	4	100
BOT (C) 104	Algae, Bryophytes and Pteridophytes	2	50
BOT (C) 105	Gymnosperms and Plant Anatomy	4	100
BOT (C) 106	Gymnosperms and Plant Anatomy	2	50
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		18	450
Semester –II			
BOT (C) 201	Plant Taxonomy and Economic Botany	4	100
BOT (C) 202	Plant Taxonomy and Economic Botany	2	50
BOT (C) 203	Plant Biochemistry and Molecular Biology	4	100
BOT (C) 204	Plant Biochemistry and Molecular Biology	2	50
BOT (O) 205	Stress Biology	2	50
BOT (O) 206	Rights and Issues in Biology	2	50
BOT (O) 207	Techniques in Molecular Biology	2	50
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		18	450
Semester –III			
BOT (C) 301	Genetics, Cytogenetics and Plant Breeding	4	100
BOT (C) 302	Genetics, Cytogenetics and Plant Breeding	2	50
BOT (C) 303	Plant Physiology	4	100
BOT (C) 304	Plant Physiology	2	50
BOT (O) 305	Biodiversity and Phytogeography	2	50
BOT (O) 306	Environmental Pollution and Conservation	2	50
BOT (O) 307	Biostatistics	2	50
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		18	450
Semester –IV			
BOT (C) 401	Plant Reproductive Biology and Biotechnology	4	100
BOT (C) 402	Plant Reproductive Biology and Biotechnology	2	50
BOT (C) 403	Plant Ecology and Ecosystem Analysis	4	100
BOT (C) 404	Plant Ecology and Ecosystem Analysis	2	50
BOT (C) 405	Project Work	6	150
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		18	450