

MYINGYAN DEGREE COLLEGE

DEPARTMENT OF BOTANY

Curriculum for B.Sc Degree

First Year B.Sc

Semester - I

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
မ ၁၀၀၁	မြန်မာစာ	3	2	2
Eng 1001	English	3	2	2
Bot 1101	Plant Biology	4	3	2
Zool 1001	Organization and Variety of Life	3	2	2
Chem 1001	General Chemistry I	3	2	2
AM 1001	Aspects of Myanmar	3	2	2
Total		19	13	12

Total credit -19 pts

Total hrs -25

First Year B.Sc

Semester - II

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
မ ၁၀၀၂	မြန်မာစာ	3	2	2
Eng 1002	English	3	2	2
Bot 1102	Basic Concepts of Applied Botany	4	3	2
Zool 1002	Life Processes and Fossils	3	2	2
Chem 1002	General Chemistry II	3	2	2
AM 1002	Aspects of Myanmar	3	2	2
Total		19	13	12

Total credit -19 pts

Total hrs -25

MYINGYAN DEGREE COLLEGE

DEPARTMENT OF BOTANY

Curriculum for B.Sc Degree

Second Year B.Sc

Semester - I

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Eng 2001	English	3	2	2
Bot 2101	Survey of Plant Kingdom I	4	3	2
Bot 2102	Angiosperms I	4	3	2
Bot 2103	Genetics I	4	3	2
Bot 2104	Ecology	3	2	2
Bot 2105	Flowering Plants and Civilization I	3	2	2
Total		21	15	12

Total credit -21 pts

Total hrs -27

Second Year B.Sc

Semester - II

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Eng 2002	English	3	2	2
Bot 2106	Survey of Plant Kingdom II	4	3	2
Bot 2107	Angiosperms II	4	3	2
Bot 2108	Genetics II	4	3	2
Bot 2109	Horticulture	3	2	2
Bot 2110	Flowering Plants and Civilization I	3	2	2
Total		21	15	12

Total credit -21 pts

Total hrs -27

MYINGYAN DEGREE COLLEGE

DEPARTMENT OF BOTANY

Curriculum for B.Sc Degree

Third Year B.Sc

Semester - I

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Eng 3001	English	3	2	2
Bot 3101	Medicinal Plants	4	3	2
Bot 3102	Plant Cytology and Anatomy	4	3	2
Bot 3103	Plant Physiology I	4	3	2
Bot 3104	Environmental Biology	4	3	2
Bot 3105	Floristics and Herbarium Techniques	3	2	2
Total		22	16	12

Total credit -22 pts

Total hrs -28

Third Year B.Sc

Semester - II

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Eng 3002	English	3	2	2
Bot 3107	Cell Biology	4	3	2
Bot 3108	Cytogenetics	4	3	2
Bot 3109	Plant Physiology II	4	3	2
Bot 3110	Biodiversity and Conservation	4	3	2
Bot 3111	Plant Tissue Culture	3	2	2
Total		22	16	12

Total credit -22 pts

Total hrs -28

MYINGYAN DEGREE COLLEGE

DEPARTMENT OF BOTANY

Curriculum for B.Sc Degree

Fourth Year B.Sc

Semester - I

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Eng 4001	English	3	2	2
Bot 4101	Plant Systematics	4	3	2
Bot 4102	Pharmacognosy	4	3	2
Bot 4103	Microbiology	4	3	2
Bot 4104	Biochemistry	4	3	2
Bot 4105	Research Methodology	3	2	2
Total		22	16	12

Total credit -22 pts

Total hrs -28

Fourth Year B.Sc

Semester - II

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Eng 4002	English	3	2	2
Bot 4107	Applied Ecology	4	3	2
Bot 4108	Plant Biotechnology	4	3	2
Bot 4109	Applied Microbiology	4	3	2
Bot 4110	Biostatistics	4	3	2
Bot 4111	Molecular Biology	3	2	2
Total		22	16	12

Total credit -22 pts

Total hrs -28

MYINGYAN DEGREE COLLEGE
DEPARTMENT OF BOTANY
Curriculum for B.Sc(Honours) Degree

First Year B.Sc (Honours)

Semester - I

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Eng 3001	English	3	2	2
Bot 3201	Medicinal Plants	4	3	2
Bot 3202	Plant Cytology and Anatomy	4	3	2
Bot 3203	Plant Physiology I	4	3	2
Bot 3204	Environmental Biology	4	3	2
Bot 3205	Floristics and Herbarium Techniques	3	2	2
Total		22	16	12

Total credit -22 pts

Total hrs -28

First Year B.Sc(Honours)

Semester - II

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Eng 3002	English	3	2	2
Bot 3207	Cell Biology	4	3	2
Bot 3208	Cytogenetics	4	3	2
Bot 3209	Plant Physiology II	4	3	2
Bot 3210	Biodiversity and Conservation	4	3	2
Bot 3211	Plant Tissue Culture	3	2	2
Total		22	16	12

Total credit -22 pts

Total hrs -28

MYINGYAN DEGREE COLLEGE
DEPARTMENT OF BOTANY
Curriculum for B.Sc(Honours) Degree

Second Year B.Sc (Honours)

Semester - I

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Eng 4001	English	3	2	2
Bot 4201	Plant Systematics	4	3	2
Bot 4202	Pharmacognosy	4	3	2
Bot 4203	Microbiology	4	3	2
Bot 4204	Biochemistry	4	3	2
Bot 4205	Research Methodology	3	2	2
Total		22	16	12

Total credit -22 pts

Total hrs -28

Second Year B.Sc (Honours)

Semester - II

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Eng 4002	English	3	2	2
Bot 4207	Applied Ecology	4	3	2
Bot 4208	Plant Biotechnology	4	3	2
Bot 4209	Applied Microbiology	4	3	2
Bot 4210	Biostatistics	4	3	2
Bot 4211	Molecular Biology	3	2	2
Total		22	16	12

Total credit -22 pts

Total hrs -28

MYINGYAN DEGREE COLLEGE
DEPARTMENT OF BOTANY
Curriculum for B.Sc(Honours) Degree

Third Year BSc (Honours)

Semester - I

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Bot 5201	Industrial Microbiology	4	3	2
Bot 5202	Advanced Plant Physiology I	4	3	2
Bot 5203	Advanced Pharmacognosy	4	3	2
Bot 5204	Molecular Genetics	4	3	2
Bot 5205	Plant Geography	4	3	2
Bot 5206	Evolution	4	3	2
Total		24	18	12

Total credit -24 pts

Total hrs -30

Third Year BSc (Honours)

Semester - II

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Bot 5207	Microbial Biotechnology	4	3	2
Bot 5208	Advanced Plant Physiology II	4	3	2
Bot 5209	Industrial and Economic Plants	4	3	2
Bot 5210	Enzymology	4	3	2
Bot 5211	Ethnobotany	4	3	2
Bot 5212	Environmental Education and Ethics	4	3	2
Total		24	18	12

Total credit -24 pts

Total hrs -30

MYINGYAN DEGREE COLLEGE
DEPARTMENT OF BOTANY
Curriculum for M.Sc(Qualifying) Degree

M.Sc Qualifying

Semester - I

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Bot 5201	Industrial Microbiology	4	3	2
Bot 5202	Advanced Plant Physiology I	4	3	2
Bot 5203	Advanced Pharmacognosy	4	3	2
Bot 5204	Molecular Genetics	4	3	2
Bot 5205	Plant Geography	4	3	2
Bot 5206	Evolution	4	3	2
Total		24	18	12

Total credit -24 pts

Total hrs -30

M.Sc Qualifying

Semester - II

Module No	Name of Module	Credit Points	Hours per Week	
			Lecturer	Practical
Bot 5207	Microbial Biotechnology	4	3	2
Bot 5208	Advanced Plant Physiology II	4	3	2
Bot 5209	Industrial and Economic Plants	4	3	2
Bot 5210	Enzymology	4	3	2
Bot 5211	Ethnobotany	4	3	2
Bot 5212	Environmental Education and Ethics	4	3	2
Total		24	18	12

Total credit -24 pts

Total hrs -30