

Bachelor of Science Honours in Plantation Management and Technology
BScHons (Plantation Mgt & Tech)

Course Sequence

YEAR: 1		SEMESTER: I	
Code	Course Unit	GPA	NGPA
PMT 111-2	Crop Botany	2	
PMT 112-2	Principles of Crop Physiology	2	
PMT 113-1	Principles of Microbiology	1	
PMT 131-2	Agricultural Meteorology and Climatology	2	
PMT 151-2	General Chemistry	2	
PMT 191-1	Mathematics for Biological Science		1
BGE 121-2	Ethics and Law Basics	2	
ESD 103-2	Information Technology	2	
ESD 121-1	English Language	1	
ESD 151-1	Sinhala Language Level 01		1
ESD 161-1	Tamil Language Level 01		
	Total - 1-I Semester	14	2

YEAR: 1		SEMESTER: II	
Code	Course	GPA	NGPA
PMT 114-2	Principles of Plant Protection	2	
PMT 121-2	Fundamentals of Agricultural Economics	2	
PMT 141-3	Cultivation and Management of Major Plantation Crops	3	
PMT 142-1	Ornamental Palm Production	1	
PMT 143-2	Principles of Soil Science	2	
PMT 171-2	Biochemistry	2	
ESD 111-1	Communication Skills I	1	
ESD 122-1	Communicative English	1	
ESD 141-2	Quantitative Reasoning	2	
ESD 152-1	Sinhala Language Level 02		1
ESD 162-1	Tamil Language Level 02		
	Total - 1-II Semester	16	1

YEAR: 2		SEMESTER: I	
Code	Course	GPA	NGPA
PMT 211-2	Basic Genetics	2	
PMT 231-2	Principles of Agricultural Engineering	2	
PMT 241-2	Plant Nutrition and Soil Management	2	
PMT 251-2	Analytical Chemistry	2	
PMT 252-1	Introduction to Polymer Science	1	

PMT 253-2	Raw Rubber Processing Technology	2	
PMT 261-2	Agribusiness Management	2	
PMT 271-1	Principles of Food Science	1	
PMT 281-2	Financial Accounting	2	
BGE 211-2	Aesthetic Studies	2	
ESD 221-1	Effective English Usage	1	
	Total - 2-I Semester	19	0

YEAR: 2 SEMESTER: II			
Code	Course	GPA	NGPA
PMT 201-3	Field Training	3	
PMT 212-2	<i>In Vitro</i> Plant Production	2	
PMT 221-2	Agricultural Technology Dissemination	2	
PMT 232-2	Irrigation and Water Management	2	
PMT 254-3	Tea Processing Technology	3	
PMT 272-2	Introductory Food Chemistry	2	
PMT 291-1	Basics in Statistics	1	
BGE 213-1	History	1	
ESD 214-1	Geography	1	
ESD 222-1	Explorative English	1	
	Total - 2-II Semester	18	0

YEAR: 3 SEMESTER: I			
<i>Specialization in Manufacturing Technology (MFT)</i>			
Code	Course	GPA	NGPA
PMT 313-2	Industrial Microbiology	2	
PMT 331-1	Engineering Drawing	1	
PMT 334-2	Process Engineering and Automation	2	
PMT 351-3	Polymer Materials and Characterization	3	
PMT 352-2	Rheology of Polymer Materials	2	
PMT 353-2	Rubber Technology	2	
PMT 371-2	Coconut food product Technology	2	
PMT 372-2	Tea Chemistry	2	
PMT 373-1	Tea Tasting	1	
PMT 391-1	Experimental Designs	1	
ESD 311-1	Communication Skills II	1	
	Total - 3-I Semester	19	0
	Elective courses		
PMT 333-2	Plantation Machineries and Mechanization	2	
PMT 383-2	Plantation Enterprise Management	2	

<i>Specialization in Plantation Business Management (PBM)</i>			
Code	Course	GPA	NGPA

PMT 321-2	International Economics	2	
PMT 322-2	Managerial Economics	2	
PMT 361-2	Agricultural Tourism	2	
PMT 362-2	Marketing Management	2	
PMT 381-1	Environmental Management	1	
PMT 382-2	Financial Management	2	
PMT 383-2	Plantation Enterprise Management	2	
PMT 384-2	Supply Chain Management	2	
PMT 385-2	Sustainable Development	2	
PMT 391-1	Experimental Designs	1	
ESD 311-1	Communication Skills II	1	
	Total - 3-I Semester	19	0
	Elective courses		
PMT 332-2	Geographic Information Systems and Remote Sensing	2	

YEAR: 3 SEMESTER: I			
<i>Specialization in Plantation Crop Production (PCP)</i>			
Code	Course	GPA	NGPA
PMT 311-2	Agricultural Biotechnology	2	
PMT 312-2	Agricultural Microbiology	2	
PMT 314-2	Pest and Disease Management	2	
PMT 332-2	Geographic Information Systems and Remote Sensing	2	
PMT 333-2	Plantation Machinery and Mechanization	2	
PMT 341-2	Farming Systems and Crop Diversification	2	
PMT 342-2	Minor Plantation Crop Production and Processing Technology	2	
PMT 343-2	Plantation Nursery Management	2	
PMT 391-1	Experimental Designs	1	
ESD 311-1	Communication Skills II	1	
	Total - 3-I Semester	18	0
	Elective courses		
PMT 361-2	Agricultural Tourism	2	
PMT 383-2	Plantation Enterprise Management	2	

YEAR: 3 SEMESTER: II			
<i>Specialization in Manufacturing Technology (MFT)</i>			
Code	Course	GPA	NGPA
PMT 354-2	Cleaner Production Technology	2	
PMT 355-2	Nano Technology	2	
PMT 356-2	Plantation Co-product Technology	2	
PMT 357-2	Rubber Product Designing and Development	2	
PMT 374-2	Chemistry and Processing Technology of Edible Oil	2	
PMT 375-2	Natural Product Chemistry	2	
PMT 376-2	Packaging and Value Addition	2	
PMT 377-2	Value Added Tea Product Technology	2	
	Total - 3-II Semester	16	0
	Elective courses		
PMT 344-2	Climate Change and Adaptation	2	
PMT 346-2	Organic Production and Certification	2	

YEAR: 3 SEMESTER: II			
<i>Specialization in Plantation Business Management (PBM)</i>			
Code	Course	GPA	NGPA
PMT 323-2	Agricultural Project Analysis	2	
PMT 324-2	Economics of Agricultural Policies	2	
PMT 325-3	Environmental Economics and Valuation	3	
PMT 326-2	Import Export Procedures	2	
PMT 363-1	Advanced Agribusiness Management	1	
PMT 364-2	Agriculture Entrepreneurship	2	
PMT 365-2	International Marketing	2	
PMT 386-1	Business Law	1	
PMT 387-2	E-Agriculture	2	
	Total - 3-II Semester	17	0
	Elective courses		
PMT 346-2	Organic Production and Certification	2	
PMT 354-2	Cleaner Production Technology	2	

YEAR: 3 SEMESTER: II			
<i>Specialization in Plantation Crop Production (PCP)</i>			
Code	Course	GPA	NGPA
PMT 315-2	Advanced Crop Physiology	2	
PMT 316-2	Genetic improvement of Plantation crops	2	
PMT 327-2	Plantation Resource Economics	2	
PMT 335-2	Land Surveying and Leveling	2	
PMT 344-2	Climate Change and Adaptation	2	
PMT 345-1	Novel Harvesting Technologies	1	
PMT 346-2	Organic Production and Certification	2	
PMT 347-2	Soil Conservation and Carbon Management	2	
PMT 355-2	Nano Technology	2	
	Total - 3-II Semester	17	0
	Elective courses		
PMT 354-2	Cleaner Production Technology	2	
PMT 375-2	Natural Product Chemistry	2	

YEAR: 4 SEMESTER: I			
<i>Specialization in Manufacturing Technology (MFT)</i>			
<i>Specialization in Plantation Crop Production (PCP)</i>			
Code	Course	GPA	NGPA
PMT 401-1	Research Methodology and Scientific Writing	1	
PMT 403-8	Research Project (Commencement)		
PMT 451-2	Quality Assurance and Certification	2	
PMT 461-2	New product Development and Commercialization	2	
PMT 481-2	Human Resource Management	2	
PMT 491-2	Biostatistics	2	
	Total – 4-I Semester	9	0
<i>Specialization in Plantation Business Management (PBM)</i>			
Code	Course	GPA	NGPA
PMT 401-1	Research Methodology and Scientific Writing	1	
PMT 403-8	Research Project (Commencement)		
PMT 461-2	New product Development and Commercialization	2	
PMT 481-2	Human Resource Management	2	
PMT 492-2	Business Statistics	2	
PMT 493-1	Statistical Laboratory	1	
	Total – 4-I Semester	8	0
	Elective courses		
PMT 451-2	Quality Assurance and Certification	2	

YEAR: 4 SEMESTER: II			
<i>Specialization in Manufacturing Technology (MFT)</i>			
<i>Specialization in Plantation Business Management (PBM)</i>			
<i>Specialization in Plantation Crop Production (PCP)</i>			
Code	Course	GPA	NGPA
PMT 402-4	Industrial Training Programme		4
PMT 403-8	Research Project (Continued)	8	
	Total – 4-II Semester	8	4

* GPA – Courses computed for Grade Point Average

* NGPA – Courses not computed for Grade Point Average

* Two (02) credit-course can be selected from Elective Courses allocated in either Semesters for each specialization area.

Credit distribution in each semester including specialization areas (MFT- Manufacturing Technology, PBM- Plantation Business Management and PCP- Plantation Crop Production).

Year	Semester	GPA Credits			Non-GPA Credits			Total
		MFT	PBM	PCP	MFT	PBM	PCP	
1	I	14			2			16
	II	16			1			17
2	I	19			0			19
	II	18			0			18
Sub Total		67	67	67	3	3	3	70
3	I	19	19	18	0	0	0	19/19/18
	II	16	17	17	0	0	0	16/17/17
4	I	9	8	9	0	0	0	9/8/9
	II	8	8	8	4	4	4	12
Compulsory Credits		119	119	119	7	7	7	126
Elective Credits		2	2	2	0	0	0	2
Total Credits		121	121	121	7	7	7	128
		128						

*GPA – Courses computed for Grade Point Average

*NGPA – Courses not computed for Grade Point Average