

## Division of Post Harvest Management

### M.Sc. (Hort.) Post Harvest Management Course Structure – at a Glance

Code	Course title	Credits	Semester
PHM 501 *	Postharvest Management of Horticultural Produce	2+1	<b>I</b>
PHM 502*	Postharvest Physiology and Biochemistry of Perishables	2+1	<b>II</b>
PHM 503	Packaging and Storage of Fresh Horticultural Produce	1+1	<b>I</b>
PHM 504	Packaging and Storage of Processed Horticultural Produce	1+1	<b>II</b>
PHM 505*	Principles and Methods of Fruit And Vegetable Preservation	2+1	<b>I</b>
PHM 506	Laboratory Techniques in Postharvest Management	1+2	<b>II</b>
PHM 507*	Processing of Horticultural Produce	2+2	<b>II</b>
PHM 508	Quality Assurance, Safety and Sensory Evaluation of Fresh And Processed Horticultural Produce	2+1	<b>I</b>
PHM 509	Functional Foods from Horticultural Produce	2+0	<b>II</b>
PHM 510	Marketing and Entrepreneurship in Postharvest Horticulture	1+1	<b>I</b>
<b>Minor Courses (08 credits)</b>		<b>08</b>	
<b>Supporting Courses (06 credits)</b>		<b>06</b>	
<b>Common compulsory courses (05 credits)</b>		<b>05</b>	
PHM 591	Seminar (Masters Seminar)	1+0	
PHM 599	Research (Masters Research)	0+30	
	<b>Total</b>	<b>70</b>	

\* *Compulsory among major courses*

**Ph. D. (Hort.) Post Harvest Management Course Structure – at a Glance**

<b>Code</b>	<b>Course title</b>	<b>Credits</b>	<b>Semester</b>
PHM 601**	Ripening and Senescence of Fruits and Vegetables	1+1	<b>II</b>
PHM 602**	Recent Trends in Food Preservation	1+1	<b>II</b>
PHM 603	Management and Utilization of Horticultural Processing Waste	3+0	<b>II</b>
PHM 604**	Supply Chain Management of Perishables	2+0	<b>I</b>
PHM 605	Export Oriented Horticulture	1+0	<b>I</b>
PHM 606	Food Additives	1+1	<b>I</b>
PHM 607	Advances in Processing of Plantation, Spices, Medicinal and Aromatic Plants	3+0	<b>I</b>
PHM 608	Value Addition in Ornamental Crops	1+1	<b>I</b>
<b>Minor courses</b>		<b>06</b>	
<b>Supporting courses</b>		<b>05</b>	
PHM 691	Doctoral Seminar - I	1+0	
PHM 692	Doctoral Seminar - II	1+0	
PHM 699	Doctoral Research	0+75	
	<b>Total</b>	<b>100</b>	

*\* Compulsory among major courses*