

Master's Programme in Integrative Plant Sciences (IPS) degree structure 2020-2023 and a 2-years' model study schedule

Updated 31.8.2022

X = can be completed at any time, no fixed periods or years

Version 2022-2023

() = can be completed either in 2022-2023 or 2023-2024

The degree structure 2020-2023 and a two-years' model teaching programme for the students, who start in the autumn 2022 (in an even year)

MSc degree in Integrative Plant Sciences (IPS), 120 cr

IPS-100 Integrative Plant Sciences, Advanced studies, 80 cr

Joint studies in the Master's Programme, 50 cr

	A two-year's model teaching programme for 2022-2023 + 2023-2024									
	2022 - 2023					2023 - 2024*				
	First year					Second year				
	I	II	III	IV	summer	I	II	III	IV	summer
IPS-001 Personal Study Plan (PSP), 0 cr (1/I)	0									
IPS-002 Plants in a Changing World, 5 cr (1/I)	5									
IPS-003 Design & Planning of Biological Experiments, 5 cr (1/II)		5								
IPS-004 Master's Thesis Seminar, 5 cr (1/II-III)		2,5	2,5							
IPS-005 Literature Examination, 5 cr (2/III or IV)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
IPS-006 Master's Thesis, 30 cr (2/I-IV)						7.5	7.5	7.5	7.5	
VIIKB-001 Maturity Essay, 0 cr (2/IV)									0	

Alternative modules, 30 cr (choose 2 x 15 cr)

IPS-110 Plant Growth and Developmental Biology 15 cr:

IPS-111 Plant Developmental Biology, 5 cr (1/III)			5							
IPS-112 Wood Structure, Growth and Differentiation, 5 cr (1 or 2/II)		(5)					(5)			
IPS-113 Lectures in Plant Physiology, 5 cr (1 or 2/I)	(5)					(5)				

IPS-120 Plant Biotechnology and Molecular Biology 15 cr:

IPS-121 Plant Biochemistry and Cell Biology, 5 cr (1/I)	5									
IPS-122 Plant Biotechnology and Molecular Biology, 5 cr (1/II)		5								
IPS-123 Laboratory Course in Plant Biotechnology, 5 cr (1/III-IV)			2.5	2.5						

IPS-130 Advanced Plant Molecular Biology 15 cr:

IPS-131 Advanced Course in Plant Molecular Biology, 15 cr (1/IV)				15						
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IPS-140 Plants in Their Environment 15 cr:

IPS-142 Plant Adaptation, 5 cr (EVEN YEARS 1/I)	5									
ECGS-601 Ecosystems and Climate Change, 5 cr (1/III)			5							
A 5 cr course agreed in the PSP	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	

IPS-150 Subarctic Ecology and Flora 15 cr:

IPS-154 Subarctic Habitats and Biota, 5 cr (EVEN YEARS 2/SUMMER)										5
IPS-153 Flora of Subarctic Europe, 5 cr (web)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
A 5 cr course agreed in the PSP	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	

IPS-160 Taxonomy and Systematics 15 cr:

IPS-161 Biological Collections, 5 cr (EVEN YEARS 1/I)	5									
IPS-164 Introduction to Phylogenetics, 10 cr (EVEN YEARS 1/II)		10								

IPS-170 Diversity and Distribution of Plants and Fungi 15 cr:

Alternative, choose 15 cr

IPS-173 Mapping Plant Distributions, 5 cr (ODD YEARS 1/SUMMER)					5					
IPS-174 Tropical Flora of East Africa, 5 cr (web)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
EEB-301 Fundamentals of Conservation Biology, 5 cr (web)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
IPS-177 Flora of Southern Finland, 5 cr (web)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
IPS-178 Threatened Vascular Plants of Finland, 5 cr (web)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	

Optional modules, 0-40 cr (examples)

Modules from your own MSc programme or from other programmes. Please note that you don't have to take any optional study modules in your Master's Degree, if you don't want, but instead, you can take individual optional study units in the Other studies section in order to get 120 credits in your Master's Degree.

Optional study modules from e.g. AGRI, EEB or FOR MSc Programmes										
VIIKB-200 Study Module Accomplished at Another University, 15-45 cr										

Other studies in MSc degree, 0-40 cr (examples)

Study units from your own MSc programme or from other programmes.

Career orientation and professional skills studies (examples)

IPS-008 Advanced Training in a Research Group, 5-10 cr	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
IPS-009 Practical Training, 5-10 cr	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
IPS-010 Learning by Doing in Scientific Natural History Collections, 5 cr	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
IPS-011 Project Work, 1-5 cr	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
IPS-012 Plant Biology Journal Club, 1-5 cr	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
IPS-013 Symposia and Seminars, 1-5 cr	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
IPS-014 Learning by Teaching, 2-5 cr	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	
VIIKB-002 Tutoring, 5 cr (1/IV and 2/orientation week)				5		0				
VIIKB-005 Demanding Participation in Admin.Bodies and Student Org., 2-5 cr	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	

Other optional studies (examples)

