

(Note that the old P BIO-xxx codes are changed to the new IPS-xxx codes (Integrative Plant Sciences) in 2020)

() = can be completed either in 2021-2022 or 2022-2023

The degree structure 2020-2023 and a two-year model study schedule for the students, who start in the autumn 2021 (in an odd year)

Joint studies in the Master's Programme, 50 cr

IPS-001 Personal Study Plan (PSP), 0 cr (1/I)
IPS-002 Plants in a Changing World, 5 cr (1/I)
IPS-003 Design & Planning of Biological Experiments, 5 cr (1/II)
IPS-004 Master's Thesis Seminar, 5 cr (1/III-IV)
IPS-005 Literature Examination, 5 cr (1-2/I-IV)
IPS-006 Master's Thesis, 30 cr (2/I-IV)
VILKB-001 Maturity Essay, 0 cr (2/IV)

IPS-110 Plant Growth and Developmental Biology 15 cr:

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

IPS-120 Plant Biotechnology and Molecular Biology 15 cr:

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

IPS-130 Advanced Plant Molecular Biology 15 cr:

IPS-131 Advanced Course in Plant Molecular Biology, 15 cr (1/IV)

IPS-140 Plants in Their Environment 15 cr:

IPS-141 Sensory and Physiological Ecology of Plants, 5 cr (EVEN YEARS 1/III)
 IPS-142 Plant Adaptation, 5 cr (EVEN YEARS 2/I)
 IPS-143 Plants, Ecosystems and Bioresilience, 5 cr (ODD YEARS 2/III)

IPS-150 Subarctic Ecology and Flora 15 cr:

IPS-154 Subarctic Habitats and Biota, 5 cr (EVEN YEARS 1/IV+SUMMER)
IPS-153 Flora of Subarctic Europe, 5 cr (web)
IPS-172 Polypores as Tools in Forest Conservation, 5 cr (ODD YEARS 1/I)

IPS-160 Taxonomy and Systematics 15 cr:

IPS-161 Biological Collections, 5 cr (EVEN YEARS 2/I)
IPS-164 Introduction to Phylogenetics, 10 cr (EVEN YEARS 2/II)

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

Elective, choose 15 cr

IPS-172 Polypores as Tools in Forest Conservation, 5 cr (ODD YEARS 1/I)

IPS-173 Mapping Plant Distributions, 5 cr (EVEN YEARS 1/IV+SUMMER)

IPS-174 Tropical Flora of East Africa, 5 cr (web)

IPS-175 Flora and Vegetation of East Africa, 5 cr (EVEN YEARS 2/II+ODD III)

EEB-301 Fundamentals of Conservation Biology, 5 cr (web)

IPS-177 Flora of Southern Finland, 5 cr (web)

IPS-178 Threatened Vascular Plants of Finland, 5 cr (web)

Modules from your own MSc programme or from other MSc 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.

FOR-306 Forest Biotechnology, 30 cr (*see the course list below)
FOR-307 Forest Production Ecology, 25 cr: (*see the course list below)
AGRI-230 Plant Breeding, 15 cr (*see the course list below)
AGRI-250 Plant Pathology, 15 cr (*see the course list below)
VIIBK-200 Study Module Accomplished at Another University, 15-45 cr
VIIBK-201 Study Module Completed in a Foreign University, 15-25 cr
or any other optional module from IPS or from other MSc programmes

[illegible]

IPS-113 Lectures in Plant Physiology, 5 cr (1 or 2/I)

IPS-123 Laboratory Course in Plant Biotechnology, 5 cr (1/III-IV)

[illegible]