

Plant Growth and Development, 2021/22

LECTURES in Umeå are at **SLU Umeå, Rönne**, and will be streamed to Ultuna and Alnarp.

LITERATURE SEMINARS (in Umeå) will be at **UPSC / KB.G4.02** (KB4C10)

All **LAB PRACTICALS** (in Umeå) will take place at **UPSC / KB.G4.04** (KB4C9)

Teacher Contact Information:

Initial	Name	Email
AS	Adrien Sicard	adrien.sicard@slu.se
CB	Catherine Bellini	catherine.bellini@umu.se
CM	Charles Melnyk	charles.melnyk@slu.se
HT	Hannele Tuominen	Hannele.Tuominen@slu.se
JH	Johannes Hanson	johannes.hanson@umu.se
JS	Jens Sundström	Jens.Sundstrom@slu.se
ME	Maria Eriksson	maria.eriksson@umu.se
MS	Markus Schmid	Markus.Schmid@umu.se
OK	Olivier Keech	olivier.keech@umu.se
ON	Ove Nilsson	Ove.Nilsson@slu.se
RB	Rishikesh Bhalerao	Rishi.Bhalerao@slu.se
SV	Stephane Verger	stephane.verger@slu.se
SR	Stephanie Robert	Stephanie.Robert@slu.se
YM	Yuan Ma	yuan.ma@slu.se

Lectures Overview:

#	Title	By	Location	Group
1a	Welcome	MS	Rönne	
1b	Introduction to (Plant) Development	MS	Rönne	
2	Cell Division & Polarity	SR	Rönne	
3	Cell Expansion & Elongation	SV	Rönne	
4	Plant Embryogenesis	MS	Rönne	
5	Shoot Apical Meristem	SV	Rönne	
6	Leaf Development & Epidermal Patterning	SR	Rönne	
7	Root Apical Meristem & Primary Root	CB	Rönne	
8	Vasculature Development	CM	Ultuna	
9	Response to the Environment (stress)	JH	Rönne	
10	Lateral & Adventitious Roots	CB	Rönne	
11	Regulation of Flowering Time	MS	Rönne	
12	Secondary Growth	HT	Rönne	
13	Floral Patterning	ON	Rönne	
14	Reproductive Development	JS	Ultuna	
15	Developmental Genetics & Evolution	AS	Ultuna	
16	Circadian Clock & Diurnal Regulation of Growth	ME	Rönne	
17	Tropisms in Plant Growth & Development	YM	Rönne	
18	Tree Phenology	RB	Rönne	
19	Plant Senescence	OK	Rönne	

Plant Growth and Development (2021/22)

Lectures & Seminars:

		08:00 – 10:00	10:30 – 12:15	12:15 – 13:15	13:15 – 15:00	– 16:00
01 Nov, 2021	Monday					
02 Nov, 2021	Tuesday		Welcome (MS) Introduction to (Plant) Development (MS)		Organisational Meeting, Umeå (MS)	
03 Nov, 2021	Wednesday		Cell Division & Polarity (SR)		Cell Expansion & Elongation (SV; recorded lecture on Canvas)	
04 Nov, 2021	Thursday		Plant Embryogenesis (MS)		Shoot Apical Meristem (SV; recorded lecture on Canvas)	
05 Nov, 2021	Friday		Leaf Development & Epidermal Patterning (SR)			
08 Nov, 2021	Monday		Root Apical Meristem & Primary Root (CB; on ZOOM only)		Vasculature Development (CM; Ultuna)	
09 Nov, 2021	Tuesday		Response to the Environment (stress) (JH)		Lateral & Adventitious Roots (CB; on ZOOM only)	
10 Nov, 2021	Wednesday		Regulation of Flowering Time (MS)		Secondary Growth (HT)	
11 Nov, 2021	Thursday		Floral Patterning (ON)		Reproductive & Endosperm Development (JS; Ultuna)	
12 Nov, 2021	Friday		Literature Seminar 1, Group A (MS)		Literature Seminar 2, Group B (MS)	
15 Nov, 2021	Monday		Developmental Genetics & Evolution (AS; Ultuna)		Circadian Clock & Diurnal Regulation of Growth (ME)	
16 Nov, 2021	Tuesday				Tropisms in Plant Growth & Development (YM)	
17 Nov, 2021	Wednesday		Tree Phenology (RB)			
18 Nov, 2021	Thursday		Plant Senescence (OK)		Literature Seminar 2, Group B (JH; 13:00 – 14:30)	Literature Seminar 2, Group A (JH; 14:30 – 16:00)
19 Nov, 2021	Friday					

Labs:

		08:00 – 09:00	09:00 – 10:00	10:00 – 11:00	11:00 – 12:00	12:00 – 13:00	13:00 – 14:00	14:00 – 15:00	15:00 – 16:00	16:00 – 17:00	17:00 – 18:00
22 Nov, 2021	Monday										
23 Nov, 2022	Tuesday										
24 Nov, 2023	Wednesday										
25 Nov, 2024	Thursday										
26 Nov, 2021	Friday										
29 Nov, 2021	Monday										
30 Nov, 2021	Tuesday										
01 Dec, 2021	Wednesday										
02 Dec, 2021	Thursday										
03 Dec, 2021	Friday										
06 Dec, 2021	Monday										
07 Dec, 2021	Tuesday										
08 Dec, 2021	Wednesday										
09 Dec, 2021	Thursday										
10 Dec, 2021	Friday										

Student Presentations:

		08:00 – 09:00	09:00 – 10:00	10:00 – 11:00	11:00 – 12:00	12:00 – 13:00	13:00 – 14:00	14:00 – 15:00	15:00 – 16:00	16:00 – 17:00	17:00 – 18:00
13 Dec, 2021	Monday										
14 Dec, 2021	Tuesday										
15 Dec, 2021	Wednesday										

Questions & Answers¹:

		08:00 – 09:00	09:00 – 10:00	10:00 – 11:00	11:00 – 12:00	12:00 – 13:00	13:00 – 14:00	14:00 – 15:00	15:00 – 16:00	16:00 – 17:00	17:00 – 18:00
10 Jan, 2022	Monday										
11 Jan, 2022	Tuesday										

Exam & Re-Exam:

		08:00 – 09:00	09:00 – 10:00	10:00 – 11:00	11:00 – 12:00	12:00 – 13:00	13:00 – 14:00	14:00 – 15:00	15:00 – 16:00	16:00 – 17:00	17:00 – 18:00
14 Jan, 2022	Friday										
19 Feb, 2022	Saturday										

¹ In the past this was not really productive as only the course organizers were present. We will try to organize this as Zoom meeting, with dedicated time slots for specific teachers.