

## Plant Growth and Development, 2024/25

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

**LITERATURE SEMINARS** (in Ultuna) will be at **Sal H**

All **LAB PRACTICALS** (in Ultuna) will take place at **Böl 2**

### Teacher Contact Information:

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### Lectures Overview:

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

# Plant Growth and Development (2024/2025)

## Lectures & Seminars:

		08:00 – 10:00	10:00 – 12:00	12:00 – 13:00	13:00 – 15:00	15:00 – 17:00
04 Nov, 2024	Monday		Welcome (SW) Introduction to (Plant) Development (SW)		Organisational Meeting, Umeå (DL)	
05 Nov, 2024	Tuesday		Leaf Development & sORFs (SW)		Cell Expansion & Elongation (SV)	
06 Nov, 2024	Wednesday		Plant Embryogenesis (MS; <i>Ultuna</i> )		Tree Phenology (RB)	
07 Nov, 2024	Thursday		Shoot Apical Meristem (SV)		Cell Division & Polarity (PM)	
08 Nov, 2024	Friday		Root Apical Meristem & Primary Root (CB; Zoom)			
11 Nov, 2024	Monday		Regulation of Flowering Time (MS; <i>Ultuna</i> )		Vasculature Development (CM; <i>Ultuna</i> )	
12 Nov, 2024	Tuesday		Secondary Growth (CM; <i>Ultuna</i> )		Seed Maturation & Germination (JH)	
13 Nov, 2024	Wednesday				Reproductive & Endosperm Development (SR; <i>Ultuna</i> )	
14 Nov, 2024	Thursday		Literature Seminar 1, Group A (DL)		Literature Seminar 2, Group B (DL)	
15 Nov, 2024	Friday				Circadian Clock & Diurnal Regulation of Growth (ME)	
18 Nov, 2024	Monday		Developmental Genetics & Evolution (AS; <i>Ultuna</i> )		Lateral & Adventitious Roots (CB; Zoom)	
19 Nov, 2024	Tuesday		Floral Patterning (ON)		Response to the Environment (stress) (JH)	
20 Nov, 2024	Wednesday		Literature Seminar 2, Group B (DL)		Literature Seminar 2, Group A (DL)	
21 Nov, 2024	Thursday		Plant Senescence (OK)		lab 1 protocol design discussion (SAL H)	

## Labs:

		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
25 Nov, 2024	Monday		LAB 2 (9.15-16:45) - BÖL1							
26 Nov, 2024	Tuesday		lab 1 (9.15-16:45) - BÖL1							
27 Nov, 2024	Wednesday									
28 Nov, 2024	Thursday									
29 Nov, 2024	Friday									
02 Dec, 2024	Monday									
03 Dec, 2024	Tuesday									
04 Dec, 2024	Wednesday									
05 Dec, 2024	Thursday									
06 Dec, 2024	Friday		lab 1 (9.15-16:45) - BÖL1							
09 Dec, 2024	Monday									
10 Dec, 2024	Tuesday	LAB 2 (9.15-12:00) - BÖL1								
11 Dec, 2024	Wednesday		LAB 2 (9.15-16:45) - BÖL1							
12 Dec, 2024	Thursday		LAB 2 (9.15-16:45) - BÖL1							
13 Dec, 2024	Friday		LAB 2 (9.15-14:00) - BÖL1							

## 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
11 Dec, 2024	Monday			PRESENTATIONS				PRESENTATIONS			
12 Dec, 2024	Tuesday			PRESENTATIONS				PRESENTATIONS			
13 Dec, 2024	Wednesday										
14 Dec, 2024	Thursday										
15 Dec, 2024	Friday										

## Questions & Answers 1:

		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
09 Jan, 2024	Thursday										
10 Jan, 2024	Friday										

## 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
17 Jan, 2025	Friday										
15 Feb, 2025	Saturday										

<sup>1</sup> We will try to organize this as Zoom meeting, with dedicated time slots for individual teachers.