

Week		date	time	Program	Place
35	Tuesday	03-Sep	10-12	Welcome Course introduction	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Tuesday	03-Sep	13-15	Plant cell architecture and anatomy (SV)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Wednesday	04-Sep	10-12	Regulation of the central dogma (JH)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Thursday	05-Sep	10-12	Transcription (JH)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Thursday	05-Sep	13-15	How do we study RNA levels (JH)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Friday	06-Sep	10-12	Protein synthesis and regulation (AH)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
Friday	06-Sep	13-15	How do we study protein levels (AH)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)	
36	Monday	09-Sep	10-12	Intro to next gen sequencing (NS)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Monday	09-Sep	13-15	RNA-seq (NS)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Tuesday	10-Sep	10-12	Metabolomics (HS)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Tuesday	10-Sep	13-15	Plant nutrition (P-O L)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Wednesday	11-Sep	10-12	Proteomics (SR)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Thursday	12-Sep	10-12	Writing exercise A, Intro to Journal club	SalH (Ulltuna), Plantan (Alnarp)
	Thursday	12-Sep	13-15	Protein modification and degradation (LBa)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Friday	13-Sep	10-12	Mutants, transgenes and CRISPR (JS)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
Friday	13-Sep	13-15	Model systems (JS)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)	
37	Monday	16-Sep	10-12	Introduction to signalling (LB)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Monday	16-Sep	13-15	Hormones 1 (LB)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Tuesday	17-Sep	10-12	Hormones 2 (LB)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Tuesday	17-Sep	13-15	Genomes and signalling (ÅS)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Wednesday	18-Sep		no activity	
	Thursday	19-Sep		no activity	
Friday	20-Sep		Planting of seeds (not obligatory)		
38	Monday	23-Sep	13-15	Journal Club 1	B205,B209 (Ulltuna) Articum 4. Articum/Navet (Alnarp)
	Tuesday	24-Sep	10-12	UN sustainable development goals seminar	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Tuesday	24-Sep	13-15	Plant genetic resources and Nagoya protocol (JS)	SalH (Ulltuna), Plantan (Alnarp), Rönnen (Umeå)
	Wednesday	25-Sep	10-12	Introduction to lab practical	SalH (Ulltuna), Plantan (Alnarp)
	Friday	27-Sep	10-12	Scientific communication	SalH (Ulltuna), Plantan (Alnarp)
39	Monday	30-Sep	9-12	Practical Lab	BÖL 1
	Monday	30-Sep	13-15	Introduction to cloning and Digilab (IL)	SalH (Ulltuna), Plantan (Alnarp)
	Tuesday	01-Oct	9-12	Practical Lab	BÖL 1
	Tuesday	01-Oct	13-15	Journal Club 2	Lec hall A132. Ulls hus A/Articum 4. Articum/Navet
	Wednesday	02-Oct	9-16	Practical Lab	BÖL 1
	Thursday	03-Oct	9-16	Practical Lab	BÖL 1
Friday	04-Oct	9-16	Practical Lab	BÖL 1	
40	Monday	07-Oct		no activity	
	Tuesday	08-Oct	10-13	Lab seminar and report hand-in (AH/IL)	SalH (Ulltuna), Plantan (Alnarp)
	Wednesday	09-Oct	9-16	DIGITAL LAB Zoom	
	Thursday	10-Oct	9-16	DIGITAL LAB Zoom	
	Friday	11-Oct	9-16	DIGITAL LAB Zoom	
41	Monday	14-Oct		no activity	
	Tuesday	15-Oct	10-12	Introduction to exam and oral presentation	SalH (Ulltuna), Plantan (Alnarp)
	Wednesday	16-Oct		no activity	
	Thursday	17-Oct		no activity	
	Friday	18-Oct		no activity	
42	Monday	21-Oct		Exam	
	Tuesday	22-Oct	10-12	Ethics (PS)	SalH (Ulltuna), Plantan (Alnarp)
	Wednesday	23-Oct		no activity	
	Thursday	24-Oct	10-12	Ethics (PS)	SalH (Ulltuna), Plantan (Alnarp)
	Friday	25-Oct		no activity	
43	Monday	28-Oct		no activity	
	Tuesday	29-Oct	10-15	Presentation of written assignment	Articum 4. Articum/Navet (Alnarp)
	Wednesday	30-Oct	10-15	Presentation of written assignment	Lecture hall A132. Ulls hus building A (Ulltuna)