

Week	Lecture	Date	Activity	Topic
1	1	13 May	Lecture	Introduction to forensic genomics
	2	15 May	Lecture	Brief history of forensics
2	3	20 May	Lecture	Types of evidence
	4	22 May	Lecture	DNA fingerprinting
3	5	27 May	Lecture	STR analysis
	6	29 May	Lecture	Y-STR analysis
4	7	3 Jun	Lecture	Mitochondrial DNA analysis
	8	5 Jun	Lecture	SNP analysis
5	9	10 Jun	Lecture	NGS analysis
	10	12 Jun	Lecture	Case study (online)
6	-	17 Jun	Midterm	Covers lectures 1-9
	11	19 Jun	Lecture	Interpretation of DNA evidence
7	12	24 Jun	Lecture	Complex profiles
	13	26 Jun	Lecture	Public DNA services
8	-	1 Jul	No class	Canada day
	14	3 Jul	Lecture	Genetic genealogy
9	15	8 Jul	Lecture	DNA databases
	16	10 Jul	Lecture	Emerging technologies in forensic genomics
10	17	15 Jul	Lecture	Applications of forensic genomics
	18	17 Jul	Lecture	Ethical considerations of DNA collection
11	19	22 Jul	Lecture	Case study (online)
	-	24 Jul	Midterm	Covers lectures 11-18
12	-	29 Jul	Presentations	
	-	31 Jul	Presentations	
13	-	5 Aug	Presentations	
	-	7 Aug	Presentations	