***Introducing Statistics* by Graham Upton and Ian Cook**

MEI Syllabus Grid

Statistics 1 (2613) : AS
IM = Introducing Mechanics

Topic	Pages	Notes
Modelling	80–84	Also *IM* pp.3–4
Data presentation	1–55	
Probability	92–142	
The Binomial distribution and its use in hypothesis testing	179–193, 315–317	

Statistics 2 (2614) : A2

Topic	Pages	Notes
Bivariate data	389–428	
Discrete random variables	143–169	
Poisson distribution	194–208	
Normal distribution	242–293	

Statistics 3 (2615) : A2

Topic	Pages	Notes
Continuous random variables	209–241	
Expectation algebra	164–178, 259–267	
Estimation	294–314	
Hypothesis testing	315–378	

Statistics 4 (2616) : A2

Topic	Pages	Notes
Estimation	225–231	Partial coverage
Hypothesis testing		Not covered
Confidence intervals	294–314	Partial coverage

Statistics 5 (2617) : A2

Topic	Pages	Notes
Probability generating functions		Not covered
Moment generating functions		Not covered
Hypothesis testing		Not covered
Confidence intervals		Not covered

Statistics 6 (2618) : A2

Topic	Pages	Notes
Maximum likelihood estimation		Not covered
Bivariate distributions		Not covered
Markov chains		Not covered
Analysis of variance		Not covered
Regression		Not covered

***Understanding Statistics* by Graham Upton and Ian Cook**

MEI Syllabus Grid

Statistics 1 (2613) : AS
IM = Introducing Mechanics

Topic	Pages	Notes
Modelling	106, 361–364	Also *IM* pp. 3–4
Data presentation	1–58	
Probability	114–166	
The Binomial distribution and its use in hypothesis testing	216–235, 402–404	

Statistics 2 (2614) : A2

Topic	Pages	Notes
Bivariate data	521–559, 595–600	
Discrete random variables	167–197	
Poisson distribution	236–251	
Normal distribution	303–346	

Statistics 3 (2615) : A2

Topic	Pages	Notes
Continuous random variables	258–287	
Expectation algebra	192–206, 320–327	
Estimation	374–401	
Hypothesis testing	402–496	

Statistics 4 (2616) : A2

Topic	Pages	Notes
Estimation	274–280, 394–402	Partial coverage
Hypothesis testing	453–505, 580–595	
Confidence intervals	374–401, 453–468	

Statistics 5 (2617) : A2

Topic	Pages	Notes
Probability generating functions	206–211	
Moment generating functions	295–299	
Hypothesis testing	433–436, 449, 468–471, 509–520	
Confidence intervals	468–471, 509–520	

Statistics 6 (2618) : A2

Topic	Pages	Notes
Maximum likelihood estimation		Not covered
Bivariate distributions		Not covered
Markov chains		Not covered
Analysis of variance	560–567	
Regression	521–545	Partial coverage