Schedule of Material Given out in SMDA – Spring 2005

**Week 1 – Monday 10\textsuperscript{th} January**
- Introductory Sheet
- 1 – Introduction to Multivariate Analysis

**Week 2 – Monday 17\textsuperscript{th} January**
- 2 – Sample Statistics and Principal Component Analysis
- Examples 1

**Week 3 – Monday 24\textsuperscript{th} January**
- 3 – Sampling Distributions for Hypothesis Testing
- Examples 2

**Week 4 – Monday 31\textsuperscript{st} January**
- 4 – Hypothesis Testing
- Examples 3
- Solutions 1

**Week 5 – Monday 7\textsuperscript{th} February**
- 5 – Discriminant Analysis
- Examples 4
- Solutions 2
- Solutions 3
- Photocopy of Fig 7.3 on p.135 from Chatfield & Collins
- Assignment 1 (for B.Sc. Candidates only)
**Week 6 – Monday 14th February**
NO LECTURE – READING WEEK

**Week 7 – Monday 21st February**
- 6 – The Generalized Linear Model
- Examples 5
- Solutions 4
- Handout: Confidence Regions

**Week 8 – Monday 28th February**
- 7 – Analysis of Deviance

**Week 9 – Monday 7th March**
- 8 – Log-linear Models for Contingency Tables
- Examples 6
- Solutions 5

**Week 10 – Monday 14th March**
- 9 – Log-linear Models for 3-way Contingency Tables
- Examples 7
- Solutions 6

**Week 11 – Monday 21st March**
- 10 – Further Aspects of Model Fitting
- Solutions 7
- Assignment 2 (B.Sc.)/Assignment (M.Sc.)