

## BCA curriculum 2011

### Required units of study for each course (unless an exemption or credit has been granted)

Semester	BCA Code	Unit of study	Co/Prerequisites	(Post) Grad Cert	(Post) Grad Dip	Masters
1 & 2	EPI	Epidemiology	-	✓	✓	✓
1 & 2	MBB	Mathematical Background for Biostatistics	-		✓	✓
1 & 2	PDT	Probability and Distribution Theory	MBB		✓	✓
1	HIS	Health Indicators & Health Surveys	*MBB			
1 & 2	DMC	Data Management & Statistical Computing	-		✓	✓
1 & 2	PSI	Principles of Statistical Inference	MBB, PDT		✓	✓
1	CLB	Clinical Biostatistics	EPI, MBB, PDT, *PSI,			
2	DES	Design of Randomised Controlled Trials	EPI, MBB,		✓	✓
2	♦LMR	Linear Models	EPI, MBB, PDT, PSI		✓	✓
2	CDA	Categorical Data & Generalised Linear Models	EPI, MBB, PDT, PSI, *LMR		✓	✓
1	SVA	Survival Analysis	EPI, MBB, PDT, PSI, LMR			✓
1&or 2	WPP	Workplace Project Portfolio	minimum of 4 units, including LMR & DMC			✓
1	LCD	Longitudinal & Correlated Data	EPI, MBB, PDT, PSI, LMR, CDA			
2 <sup>h</sup>	BAY	Bayesian Statistical Methods	EPI, MBB, PDT, PSI, LMR, CDA			
2	BIF	Bioinformatics	MBB, PDT, DMC, PSI, LMR			
2	ACT	Advanced Clinical Trials	EPI, MBB, PDT, PSI, DES, LMR			

✓ unit is compulsory

\* co-requisite, may be taken concurrently

♦ LMR: program Coordinator approval is required for taking LMR & EPI simultaneously.

▣ WPP: adequate supervisory arrangements must be in place before students commence WPP. Students wishing to complete the Masters Degree should discuss options for this unit with the BCA program coordinator at their home university. The requirements of individual universities may differ. Depending on the university, 1, 2 and 4 unit options may be available for WPP.

<sup>h</sup> BAY is delivered in alternate years. It is not offered in 2011.