

CMB Intended Student Learning Outcomes						
Courses PhD	Sufficient Knowledge of CMB to teach at undergrad level	Develop Process of Research such as laboratory techniques and data analysis	Knows mechanics of scientific reporting and can prepare a publication	Able to prepare and deliver oral presentations of work at seminars and scientific meetings	Enough Scientific maturity to be able to assess and criticize the work of others	Understands procedures common to academic departments
CMB 351	I	I	I	I, A	I, A	I
CMB 411	I	I		I	I, A	I
CMB 499	I	R	R	R	R, A	R
CMB 500	M, A	M, A	M, A	M, A	M	M
CMB 606	R, A	R, A	R, A	R, A	R, A	R
CMB 611	R	R			R, A	R, A
CMB 621	R	R			R, A	
CMB 622	R	R			R, A	
CMB 625	R	R			R	
CMB 626	R	R			R, A	M, A
CMB 631		I	I	R, A		I, A
CMB 654	R	R		R, A	R, A	R
CMB 671	L, R, A	R	R	R	R	
CMB 699	R	R	R	R	R	M
CMB 700	M, A	M, A	M, A	M, A	M, A	M, A
CMB 705	R	R	R	R, A	R, A	R

Key: "CMB"=Cell and Molecular Biology; "I"=Introduced; "R"=reinforced and opportunity to practice; "M"=mastery at the senior or exit level; "A"=assessment evidence collected

Intended Student Learning Outcomes						
Courses	SLO1	SLO2	SLO3	SLO4	SLO5	SLO6
PhD	Sufficient Knowledge to teach at undergrad level and one specialty area of CMB at medical or graduate level	Specialized knowledge in an area of research	Familiarity with the mechanics of scientific reporting sufficient to publish their work in scholarly journals	Experience with oral presentation sufficient to prepare and deliver reports on their work at seminars and meetings of scientific societies	Scientific maturity to be able to assess and criticize the work of others	Understands procedures common to academic departments
CMB 500	R	R, A	R, A	R, A	R, A	R
CMB 611		R			R	
CMB 621	R	R			R	
CMB 622	R	R			R	
CMB 625	R	R			R	
CMB 626	R	R				R
CMB 631		I		R		
CMB 654	R	R		R	R	
CMB 699	R	R	M, A	M, A	M	M
CMB 705	R	R, A		M, A	M, A	M, A
CMB 800	M, A	M, A	M, A	M, A	M, A	M, A

Key: "CMB"=Cell and Molecular Biology; "I"=Introduced; "R"=reinforced and opportunity to practice; "M"=mastery at the senior or exit level; "A"=assessment evidence collected