

Biology Equivalents

UCL course		Tufts		Notes
BIOL 1005	Genes to Organisms I	Bio 41	Genetics	Not suitable for Bio 13
BIOL 1006	Genes to Organisms II	No equivalent		Count as Group C
BIOC 1001	Cellular & Molecular Biology	Bio 46	Cell Biology	
BIOC 1002	Biology of the Cell	Bio 46	Cell Biology	
BIOC 1008	General Biochemistry	Bio 152	Biochemistry	Counts as Bio 152 if students has completed Bio 13 and full year of chemistry: Chem 1+2 or Chem 11+12
BIOL 2006	Intro to Human Genetics	Bio 102	Human Genetics	
BIOL 2007	Evolutionary Genetics	Bio 142	Population and Community Ecology	Formerly Bio 71
BIOL 2004	Fundamentals of Molecular Biology	Bio 105	Molecular Biology	
BIOC 2001	Molecular Biology	Bio 105	Molecular Biology	
BIOL 2014	Cell Biology	BIO 46	Cell Biology	
BIOL 1003	Into to Microbiology /w lab	Bio 106	Microbiology	
BIOL 2010	Biology of Development	Bio 103	Developmental Biology	
BIOC 2002	General Biochemistry	Bio 152	Biochemistry	Full year counts as two biochem credits: Bio 152 and Group A or Bio 171+172. Also see BIOC 1008
PHOL 1001	Mammalian Physiology /lab	Bio 115+116	General Physiology I & II	Full year counts as Bio 115+116

UCL course		Tufts		Notes
PHOL 2002	Animal and Human Physiology	Bio 115+116	General Physiology I & II	Advanced course. Only take with background in physiology
BIOL 2005	Genetic Systems	No equivalent		Count as Group A
PSY 3304	Evolution of Aggression	Bio 130	Animal Behavior	Biopsych majors take either PSY 3304 or BIOL 2011. Bio majors take 2011
BIOL 2011	Behavioral Ecology/Sociobiology	Bio 130	Animal Behavior	Biopsych majors take either PSY 3304 or BIOL 2011. Bio majors take 2011
IMMUN 2001	Immunology	Bio 104	Immunology	
BIOL 2003	The Life of Plants	Bio 118	Plant Physiology	
ANAT 2008	Development of Neurobiology	No equivalent		Count as Group B
PHOL 2003	Animal and Human Physiology	Bio 134	Neurobiology	Recommend taking PHOL 2003 and 2005
PHOL 2005	Structure and Function of Nervous System	Bio 134	Neurobiology	Recommend taking PHOL 2003 and 2005
PHOL 2006	Cellular Neurophysiology	Bio 134	Neurobiology	Not as good a choice as PHOL 2003/2005
ANAT 2009	Neuroanatomy	Bio 187	Mammalian Central Nervous Systems	
ANAT 2010	Human Neuroanatomy	Bio 187	Mammalian Central Nervous Systems	
BIOL 2009	Animal Form and Function	Bio 75	Comparative Vertebrate Physiology	
BIOL 3014	Vertebrate Structure & Evolution	No equivalent		Counts as Group C