Year and Campus:	2013			
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Overview:	The human immune system has evolved to control harmful microbes and tumors but can sometimes inflict damage on its host, and as such is a major contributor to human disease. The major examines and integrates immunology, the study of the immune system, with pathological processes and their morphologic, molecular and genetic bases which are associated with immune based disease. The major opens up careers in diagnostics, molecular biology, biotechnology and regulation, research into infectious agents associated with immune based pathology and the various outcomes of the immune system, especially those involved with autoimmunity and immunopathology. It provides a basis for further study in medical and paramedical disciplines.			
Objectives:	<ul> <li>Upon completion of this major students should be able to:</li> <li># understand the development, function and components of the immune system, especially the molecular aspects of immunity to infection, and the basis of immunopathologic conditions including allergies, autoimmune disease and transplantation responses;</li> <li># apply this knowledge to the determination of strategies which can augment or inhibit the immune response;</li> <li># describe the principles and procedures involved in isolating and characterising immune cells and their products;</li> <li># understand the cellular, molecular and genetic bases of the immunopathological condition described above and how these contribute to morbidity, morality and the development and clinical use of therapeutic strategies; and</li> <li># communicate scientific ideas and findings effectively in both oral and written form.</li> </ul>			
Structure & Available Subjects:	Completion of 50 points of study at Level 3.			
	In order to complete this major, students have to complete the pre-requisite Level 2 MIIM20002 Microbes, Infections and Responses.	subject		
		subject		
	MIIM20002 Microbes, Infections and Responses.	Subject Credit Points:		
	MIIM20002 Microbes, Infections and Responses.  Second Year:	Credit		
	MIIM20002 Microbes, Infections and Responses.  Second Year:  Subject Study Period Commencement:	Credit Points:		
Subject Options:	MIIM20002 Microbes, Infections and Responses.         Second Year:         Subject       Study Period Commencement:         MIIM20002 Microbes, Infections and Responses       Not offered 2013	Credit Points:		
	MIIM20002 Microbes, Infections and Responses.          Second Year:         Subject       Study Period Commencement:         MIIM20002 Microbes, Infections and Responses       Not offered 2013         Third Year:       Image: Commencement for the second	Credit Points: 12.50 Credit		
	MIIM20002 Microbes, Infections and Responses.         Second Year:         Subject       Study Period Commencement:         MIIM20002 Microbes, Infections and Responses       Not offered 2013         Third Year:       Study Period Commencement:         Subject       Study Period Commencement:	Credit Points: 12.50 Credit Points:		
	MIIM20002 Microbes, Infections and Responses.         Second Year:         Subject       Study Period Commencement:         MIIM20002 Microbes, Infections and Responses       Not offered 2013         Third Year:       Study Period Commencement:         Subject       Study Period Commencement:         PATH30001 Mechanisms of Human Disease       Not offered 2013	Credit Points: 12.50 Credit Points: 12.50		
	MIIM20002 Microbes, Infections and Responses.         Second Year:         Subject       Study Period Commencement:         MIIM20002 Microbes, Infections and Responses       Not offered 2013         Third Year:       Subject         Subject       Study Period Commencement:         PATH30001 Mechanisms of Human Disease       Not offered 2013         MIIM30002 Principles of Immunology       Not offered 2013	Credit Points: 12.50 Credit Points: 12.50		
	MIIM20002 Microbes, Infections and Responses.         Second Year:         Subject       Study Period Commencement:         MIIM20002 Microbes, Infections and Responses       Not offered 2013         Third Year:       Study Period Commencement:         Subject       Study Period Commencement:         PATH30001 Mechanisms of Human Disease       Not offered 2013         MIIM30002 Principles of Immunology       Not offered 2013         Plus one subject from:       Image: Commencement	Credit Points: 12.50 Credit Points: 12.50 12.50 Credit		

	Subject	Study Period Commencement:	Credit Points:
	PATH30003 Frontiers in Human Disease	Not offered 2013	12.50
	MIIM30014 Medical Microbiology: Virology	Not offered 2013	12.50
	PATH30004 Advanced Investigation of Human Disease	Not offered 2013	12.50
	MIIM30003 Medical and Applied Immunology	Not offered 2013	12.50
Links to further information:	http://www.bbiomed.unimelb.edu.au/		
Related Course(s):	Bachelor of Biomedicine		