

	Code	Units of Study	Pre-requisite(s)	Convener	Tel
First & Second Academic Semesters					
Sem 1	HES1510	Chemistry 1	Nil, knowledge of Year 12 chemistry is required.	Daniel Eldridge	5681
	HES1610	Concepts of Biology	NIL	Mrinal Bhavé	5759
	HES1626	Prof Skills for Biotechnologists	NIL	Mrinal Bhavé	5759
	HMS101 *	Foundation Mathematics	Any mathematical subject at VCE level	David Richards	8698
Sem 2	HES1525	Chemistry 2	HES1510, or a credit in HES1490, or equivalent.	Ian Harding	8715
	HES1555	Consumer Science	NIL, however HES1510, HES1490, or equivalent is highly recommended.	Ian Harding	8715
	HES1616	Concepts of Biotechnology	NIL. HES1610 highly recommended	Mrinal Bhavé	5759
	HMS102	Intro to Statistics	NIL	Neela Khan	8030
Third & Fourth Academic Semesters					
Sem 1	HES2621	Introduction to Biochemistry	HES1525 or HES1510 plus organic chemistry#. HES1616 is recommended.	Tony Barton	8893
	HES2631	The Microbial World	NIL, however HES1610, HES1616, or equivalent is highly recommended.	Enzo Palombo	8571
		<i>Choose one of: (if you choose HES2541, you cannot do HES2510)</i>			
	HES2540	Forensic & Analytical Science	HES1525 or HES1555	Peter Mahon	4880
	HES2541	Analytical Chemistry	HES1525 or HES1555	Peter Mahon	4880
		<i>Choose one of: (if you choose HES2510, you cannot do HES2541)</i>			
	HES2510	Investigative Chemistry Prac 3	HES1525 or HES1555	Peter Mahon	4880
	HES4700	Research Skills	HMS102	Elena Ivanova	5137
	HBSG200	New Venture Dev & Management	NIL	Susan Rushworth	8438
		Elective Sequence 1			
Sem 2	HES2626	Biochemistry of Genes & Proteins	HES1525 or HES1510 plus organic chemistry#. HES1616 is recommended.	Mrinal Bhavé	5759
	HES2636	Microbes in the Environment	NIL, however HES1610, HES1616, or equivalent is highly recommended.	Enzo Palombo	8571
	HAC0001 ▲	Careers in the Curriculum	NIL		
		<i>Choose one of: (if you chose HES2526, you cannot do HES2515)</i>			
	HES2520	Chemistry 3	HES1525 or HES1555 plus organic chemistry#	Peter Mahon	4880
	HES2526	Organic Chemistry	HES1525 or HES1555 plus organic chemistry#	Ian Harding	8715
		<i>Choose one of:</i>			
	HES2515	Investigative Chemistry Prac 2	HES1525 or HES1555 plus organic chemistry#	Ian Harding	8715
	HBSG200	New Venture Dev & Management	NIL	Susan Rushworth	8438
		Elective Sequence 2			
Optional IBL Semesters					
Sem 1	HSW050	Industry Based Learning	Completion of Year 1 & 2	Annette Pelgrim	8753
Sem 2	HSW055	Industry Based Learning	Completion of Year 1 & 2	Annette Pelgrim	8753
Fifth & Sixth Academic Semesters					
Sem 1	HES4510	Investigative Chemistry Prac 3	One of HES2510, HES2515, HES2541 or HES2526. It is also highly recommended that you be enrolled in HES4520 or have passed it.	Margaret Wong	8542
	HES4520	Advanced Chemistry 1	One of HES2510, HES2515, HES2520, HES2526, HES2540 or HES2541	Margaret Wong	8542
	HES4621	Advanced Biochemistry	Completion of at least 60% of second year including one of HES2621 or HES2626	Tony Barton	8893
	HES4641	Practical Biochemistry	Completion of at least 60% of second year including one of HES2621 or HES2626	Tony Barton	8893
Sem 2	HES4626	Biotechnology	Completion of at least 60% of second year including one of HES2621 or HES2626	Tony Barton	8893
	HES4646	Biotechnology Research Project	Completion of at least 60% of second year including one of HES2621 or HES2626. HES4641 highly recommended.	Tony Barton	8893
		<i>Choose one of:</i>			
	HES4516	Research Project	Completion of at least 60% of second year, selection of an appropriate research project and supervisor.	Francois Malherbe	5361
	HES4525	Advanced Chemistry 2	One of HES2510, HES2515, HES2520, HES2526, HES2540 or HES2541	Peter Mahon	4880
		<i>Choose one of:</i>			
	HES4516	Research Project	Completion of at least 60% of second year, selection of an appropriate research project and supervisor.	Francois Malherbe	5361
	HES4525	Advanced Chemistry 2	One of HES2510, HES2515, HES2520, HES2526, HES2540 or HES2541	Peter Mahon	4880
	HES4628	Environmental Biotechnology	Completion of at least 60% of 2nd year including one of HES2621 or HES2626	Mrinal Bhavé	5759
	HBSG200	New Venture Dev & Management	NIL	Susan Rushworth	8438
		Free Elective			
		Elective Sequence 3			

organic chemistry can be either a pass in the organic chemistry section of HES1525 or a pass in the self-paced organic chemistry module available through the Unit of Study convener of HES1525 or through the Program Manager.

* May be replaced by HMS111 if student intends to continue studying mathematics at a higher level.

▲ HAC0001 Careers in the Curriculum is a compulsory subject for students commencing from 2007. 100% fee exempt and no credit points.
Information correct when updated September 2008.