

The following list is an example of SCMB subjects that students of the Faculty of Science, Medicine and Health have received Credit for Prior Learning at a host university.

Due to the constant change in course and subjects at universities the below information should be used as a guide only.

<b>ASIA PACIFIC</b>					
<b>Host University</b>			<b>UOW</b>		
<b>Subject Code</b>	<b>Subject Name</b>	<b>Credit Points</b>	<b>Subject Code</b>	<b>Subject Name</b>	<b>Credit Points</b>
<b>NANYANG TECHNOLOGICAL UNIVERSITY, SINGAPORE</b>					
CH9083	Heterocyclic Chemistry	3	CHEM360	Organic Synthesis III	6
CM4031	Asymmetric Synthesis	3	CHEM360	Organic Synthesis III	6

<b>CANADA</b>					
<b>Host University</b>			<b>UOW</b>		
<b>Subject Code</b>	<b>Subject Name</b>	<b>Credit Points</b>	<b>Subject Code</b>	<b>Subject Name</b>	<b>Credit Points</b>
<b>UNIVERSITY OF ALBERTA</b>					
BIOCH200	Introductory Biochemistry	3	BIOL213	Principles of Biochemistry	6
NUTR303	Nutrition, Biochemistry & Metabolism I		BIOL214	The Biochemistry of Energy and Metabolism	6
BIOL207	Molecular Genetics & Heredity		BIOL215	Introductory Genetics	6
GENT375	Introduction to Molecular Genetic Technologies	3	BIOL343	Techniques in Biotechnology and Medical Research	6
GENT390	Gene Manipulation	3	BIOL343	Techniques in Biotechnology and Medical Research	6
CELL300	Advanced Cell Biology I	3	BIOL340	Cell and Molecular Biology	6
CELL310	Diversity and Evolution of the Cell	3	BIOL340	Cell and Molecular Biology	6
CHEM103	Introductory University Chemistry I		CHEM103	Chemistry for Engineering	6
NUFS377	Food Fundamentals and Quality	3	CHEM215	Food Chemistry	6
<b>UNIVERSITY OF BRITISH COLUMBIA</b>					
CHEM154	Chemistry for Engineering	3	CHEM103	Chemistry for Engineering	6
CHEM205	Physical Chemistry	3	CHEM213	Molecular Structure, Reactivity and Change	6
<b>UNIVERSITY OF CALGARY</b>					
BIOL311	Principles of Genetics		BIOL215	Introductory Genetics	6
LHMB411	Molecular Genetics	8	BIOL340	Cell and Molecular Biology	6
CMMB531	Topics in Cellular Interactions	8	BIOL340	Cell and Molecular Biology	6
<b>CONCORDIA UNIVERSITY</b>					
BIOL367	Molecular Biology	3	BIOL343	Techniques in Biotechnology and Medical Research	6
BIOL368	Genetics and Cell Biology Lab	3	BIOL343	Techniques in Biotechnology and Medical Research	6
BIOL364	Cell Physiology	3	BIOL340	Cell and Molecular Biology	6
BIOL371	Microbiology	3	BIOL340	Cell and Molecular Biology	6
<b>MCMASTER UNIVERSITY</b>					
Biochem3D03	Metabolism and Regulation	3	BIOL214	The Biochemistry of Energy Metabolism	6
Biotech2BE3	Biotechnology	3	BIOL215	Introductory Genetics	6
BIOTEC3B03	Biotechnology II		BIOL343	Techniques in Biotechnology and Medical Research	6
BIOTECH31V3	Immunology and Virology		BIOL341	Infection and Immunity	6
<b>UNIVERSITY OF TORONTO</b>					
CHM247	Intro Organic Chemistry II	0.5	CHEM212	Organic Chemistry II	6

<b>EUROPE</b>					
<b>Host University</b>			<b>UOW</b>		

Subject Code	Subject Name	Credit Points	Subject Code	Subject Name	Credit Points
<b>UNIVERSITA DEGLI STUDI DI BOLOGNA, ITALY</b>					
54723	Analytical Chemistry III Laboratory	5	CHEM324	Chemical Analysis and Inference	6
18641	Advanced Instrumental Methods	5	CHEM324	Chemical Analysis and Inference	6
40782	Organic Chemistry III	5	CHEM360	Organic Synthesis III	6
54725	Spectroscopic ID of Organic Compounds	5	CHEM360	Organic Synthesis III	6
<b>UNIVERSITY COLLEGE, CORK</b>					
BC2103	Molecular Biology		BIOL215	Introductory Genetics	6
CM3022	Synthesis and Reactivity of Organic Compounds	10	CHEM360	Organic Synthesis III	6
<b>UNIVERSITY OF EASTERN FINLAND</b>					
MOGE1	Basic Methods in Molecular Bio and Gene Techniques	8	BIOL343	Techniques in Biotechnology and Medical Research	6
MOGE2	Advanced Studies in Molecular Biology and Gene Technology	6	BIOL340	Cell and Molecular Biology	6
ORK	Organic Chemistry	5	CHEM212	Organic Chemistry II	6
ORK1	Lab Work with Organic Chemistry	2			
<b>KTH ROYAL INSTITUTE OF TECHNOLOGY, SWEDEN</b>					
BB2420	Glycobiology and Carbohydrate tech	7.5	BIOL214	The Biochemistry of Energy and Metabolism	6
<b>UNIVERSITY OF OSLO</b>					
MBV3060	General Microbiology	10	BIOL341	Infection and Immunity	6
MBV4260	Advanced Immunology		BIOL341	Infection and Immunity	6
KJM5100	Synthesis of Inorganic Materials	10 ECTS	CHEM213	Molecular Structure, Reactivity & Change	6
MBV-INF4410	Bioinformatics for Molecular Biology		CHEM325	Bioinformatics: Genome, Genes and Biomolecules	6
KJM3000	Applied Spectroscopy	10 ECTS	CHEM374	Molecular Spectroscopy and Structure Elucidation	6
<b>ARISTOTLE UNIVERSITY OF THESSALONIKI, GREECE</b>					
045Y	Forest Genetics	5	BIOL215	Introductory Genetics	6
<b>UMEA UNIVERSITY, SWEDEN</b>					
UMUF5639	Biochemistry	12	BIOL214	The Biochemistry of Energy and Metabolism	6
<b>UPPSALA UNIVERSITY, SWEDEN</b>					
1BG320	Molecular Cell Biology	15 ECTS	BIOL340	Cell and Molecular Biology	6
1BG320	Molecular Cell Biology	12	BIOL340	Cell and Molecular Biology	6
1BG322	Functional Genomics	15 ECTS	BIOL340	Cell and Molecular Biology	6
1BG230	Molecular Biology and Genetics 2		BIOL343	Techniques in Biotechnology and Medical Research	6
IFA567	Nanoscience	10	CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6

## UK

Host University			UOW		
Subject Code	Subject Name	Credit Points	Subject Code	Subject Name	Credit Points
<b>UNIVERSITY OF EAST ANGLIA</b>					
BIO-3C57	Evolution in Health and Disease	20	BIOL341	Infection and Immunity	6
BIO-3C01	Molecular Enzymology	20	CHEM325	Bioinformatics: Genome, Genes and Biomolecules	6
BIO-3C39	Molecular and cellular Principles	20	CHEM325	Bioinformatics: Genome, Genes and Biomolecules	6
BIO-3C41	Genomes, Genes and Genomics	20	CHEM325	Bioinformatics: Genome, Genes and Biomolecules	6
<b>UNIVERSITY OF EXETER</b>					
BIO1329	Biochemistry		BIOL103	Molecules, Cells and Organisms	6
BIO2086	Metabolism	15	BIOL214	The Biochemistry of Energy and Metabolism	6
BIO1332	Biochemistry	15	BIOL214	The Biochemistry of Energy and Metabolism	6
BIO1334	Genetics	15	BIOL215	Introductory Genetics	6
BIO3044	Cell Cycle and Cancer	15	BIOL340	Cell and Molecular Biology	6
BIO3086	Cell Biology of Disease	15	BIOL340	Cell and Molecular Biology	6
BIO3078	Cellular Basis of Immunity	15	BIOL341	Infection and Immunity	6
BIO3079	Molecular Basis of Infection	15	BIOL341	Infection and Immunity	6
BIO3066	Evolution of Infectious Diseases	15	BIOL341	Infection and Immunity	6

BIO3080	Microbial Effectors of Disease	15	BIOL341	Infection and Immunity	6
BIOL3079	Molecular Basis of Infection	15	BIOL341	Infection and Immunity	6
BIO3077	Frontiers in Molecular Cell Biology	15	BIOL340	Cell and Molecular Biology	6
BIO1322	Structure and Reactivity of Organic Compounds		CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6
BIO3041	Pharmacology and Medicinal Chemistry	15	CHEM358	Pharmacology	6
<b>LANCASTER UNIVERSITY</b>					
BIOL201	Biochemistry	8	BIOL214	The Biochemistry of energy and metabolism	6
BIOL321	Immunology	8	BIOL341	Infection and Immunity	6
CHEM103	Physical Chemistry for Life Sciences	4	CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	6
CHEM113	Physical Chemistry	4			
CHEM103	Physical Chemistry for Life Sciences	4	CHEM101	Chemistry 1A: Introductory Physical and General Chemistry	6
CHEM105	Spectroscopy & Bio-inorganic Chemistry	4			
<b>UNIVERSITY OF SHEFFIELD</b>					
MBB158	Biochemical Basis of Life	20	BIOL214	The Biochemistry of energy and metabolism	6
MBB161	Biochemistry	20	BIOL214	The Biochemistry of energy and metabolism	6
BMS204	Control of the Internal Environment	10	BIOL214	The Biochemistry of energy and metabolism	6
MBB152	Genetics	20	BIOL215	Introductory Genetics	6
MBB162	Genetics	20	BIOL215	Introductory Genetics	6
BMS222	Advanced Molecular Biology	10	BIOL343	Techniques in Biotechnology and Medical Research	6
BMS379	Cancer Biology	10	BIOL340	Cell and Molecular Biology	6
MBB213	Biomechanical Messengers	10	BIOL340	Cell and Molecular Biology	6
MBB311	Molecular Immunology	10	BIOL341	Infection and Immunity	6
MBB 344	Functional Genomics		CHEM325	Bioinformatics: Genome, Genes and Biomolecules	6
MBB 309	Membrane Protein Structure and Functions				
MAT6740	Physics for Bionanotechnology	15	CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6
CHM3003	Topics in Chemistry	10	CHEM358	Pharmacology	6
BMS319	Pharmacological Techniques	10			
CHM3102	Further Inorganic Chemistry 2	10	CHEM374	Molecular Spectroscopy and Structure Elucidation	6
CHM3302	Further Physical Chemistry 2	10			
<b>QUEEN'S UNIVERSITY, BELFAST</b>					
CHM2003	Organic Chemistry 2	20	CHEM212	Organic Chemistry II	6

## UNITED STATES OF AMERICA

Host University			UOW		
Subject Code	Subject Name	Credit Points	Subject Code	Subject Name	Credit Points
<b>UNIVERSITY OF ARIZONA</b>					
ECOL 320	Genetics		BIOL215	Introductory Genetics	6
CHEM 447	Organic Structure Analysis Laboratory		CHEM360	Organic Synthesis III	6
<b>CALIFORNIA STATE UNIVERSITY, LONG BEACH</b>					
CHEM448	Fundamental of Biological Chemistry	3	BIOL213	Principles of Biochemistry	6
CHEM441B	Biological Chemistry AND	3	BIOL214	The Biochemistry of Energy and Metabolism	6
CHEM443	Biological Chemistry Laboratory	4			
BIOL370	General Genetics	4	BIOL215	Introductory Genetics	6
<b>COLGATE UNIVERSITY</b>					
CHEM264	Organic Chemistry II		CHEM212	Organic Chemistry II	6
CHEM264L	Organic Chemistry II		CHEM212	Organic Chemistry II	6
<b>UNIVERSITY OF COLORADO, BOULDER</b>					
MCDB1150	Introduction to Cellular and Molecular Biology	3	BIOL103	Molecules Cells and Organisms	6
CHEM4711	General Biochemistry	3	BIOL213	Principles of Biochemistry	6
CHEM4731	General Biochemistry 2	3	BIOL214	The Biochemistry of Energy and Metabolism	6
MCDB2150	Principles of Genetics	3	BIOL215	Introductory Genetics	6
MCDB2151	Principles of Genetics Lab	1			
MCDB4410	Human Molecular Genetics	3	BIOL340	Cell and Molecular Biology	6
MCDB3135	Molecular Cell Biology	3	BIOL340	Cell and Molecular Biology	6
MCDB4300	Immunology	3	BIOL341	Infection and Immunity	6

IPHY4600	Immunology	3	BIOL341	Infection and Immunity	6
CHEM3311	Organic Chemistry I	4	CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6
CHEM4171	Instrumental Analysis	3	CHEM213	Molecular Structure, Reactivity and Change	6
CHEM4261	Organic Materials	3	CHEM370	Modern Inorganic and Bio-inorganic Chemistry	6
CHEM4181	Instrument Analysis Lec/Lab	3	CHEM324	Chemical Analysis and Inference	6
CHEM4171	Instrumental Analysis AND	3	CHEM324	Chemical Analysis and Inference	6
CHEM3341	Lab in Organic Chemistry AND	3			
CHEM3331	Organic Chemistry 2	3	CHEM212	Organic Chemistry II	6
MCDB4520	Bioinformatics and Genomics	3	CHEM325	Bioinformatics: Genome, Genes and Biomolecules	6
EBIO3930	Internship	3	CHEM341	Chemistry Laboratory Project	6
CHEM5591	Advanced Molecular Spectroscopy	3	CHEM374	Molecular Spectroscopy and Structure Elucidation	6
<b>UNIVERSITY OF CONNECTICUT</b>					
3010	Biochemistry	6	BIOL214	The Biochemistry of Energy and Metabolism	6
<b>UNIVERSITY OF MASSACHUSETTS</b>					
CHEM112	Chemistry II		CHEM102	Chemistry 1B: Structure and Reactivity of Molecules for Life	6
<b>UNIVERSITY OF MIAMI</b>					
BMB258	Intro to Biochem and Molecular	3	BIOL213	Principles of Biochemistry	6
<b>MONTANA STATE UNIVERSITY</b>					
BCHM441	Biochemistry of Macromolecules		BIOL214	The Biochemistry of Energy and Metabolism	6
BIOL301	Principles of Genetics		BIOL215	Introductory Genetics	6
BIOB2015	Methods in Biotechnology	8	BIOL340	Cell and Molecular Biology	6
BIOH320	Biomedical genetics	8	BIOL340	Cell and Molecular Biology	6
<b>NORTH CAROLINA STATE UNIVERSITY</b>					
BCH351	General Biochemistry	4	BIOL213	Principles of Biochemistry	6
BCH453	Biochemistry of Gene Expressions	3	BIOL214	The Biochemistry of Energy and Metabolism	6
BIQ424	Endocrinology	3	BIOL214	The Biochemistry of Energy and Metabolism	6
GN301	Genetics in Human Affairs	3	BIOL215	Introductory Genetics	6
GN311	Principles of Genetics AND	3	BIOL215	Introductory Genetics	6
GN312	Genetics Laboratory				
BIT410	Manipulation of Recombinant DNA	4	BIOL215	Introductory Genetics	6
GN521	Molecular Genetics	3	BIOL215	Introductory Genetics	6
IMM(MB)751	Immunology	3	BIOL341	Infection and Immunity	6
<b>UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL</b>					
NUTR600	Human metabolism: macronutrients	3	BIOL214	The Biochemistry of Energy and Metabolism	6
NUTR400	Intro to medical nutrition	3	BIOL214	The Biochemistry of Energy and Metabolism	6
CHEM30L	Laboratory techniques for biochemistry	3	BIOL214	The Biochemistry of Energy and Metabolism	6
BIOL202	Molecular Biology and Genetics	4	BIOL215	Introductory Genetics	6
BIOL425	Human Genetics	3	BIOL215	Introductory Genetics	6