BSc in Chemistry and Biological Chemistry with 2nd Major in Sustainability (CHSN)

AY2025 - 2026 Intake onwards

FYP with Professional Internship

		Number of Academic Units (AU)								
Programme	Year of Study	Major Requirement		Interdiscip	linary Collabo	Broadening and Deepening	Total			
		Core (C)	Major PE (MPE)	Common Core (CC)	Professional Series (PS)	Care, Serve and Learn (CSL)				
Chemistry and	1	18/19*		8			9	35/36*		
Biological	2	22		6	3	3	6	40		
Chemistry with	3	18	6		3		12	39		
2nd Major in	4		16		10		3	29		
Sustainability	Total	58/59*	22	14	16	3	30	143/144*		

Category		AU	Total AU		
	Common Core (University-level)				
	CC0001 Inquiry & Communication in an Interdisciplinary World	2			
	CC0003 Ethics & Civics in a Multi-Cultural World	2			
	ML0004 Career Design & Workplace Readiness in the V.U.C.A World	2			
	CC0015 Health & Wellbeing	2	14		
	CC0006 Sustainability: Society, Economy & Environment	3			
nterdisciplinary	CC0007 Science & Technology for Humanity	3			
Collaborative		_			
Core (ICC)	Professional Series (College-level)				
	HW0218 Communication Across the Sciences	2			
	PS0002 Introduction to Data Science and Artificial Intelligence	3			
	CM4081 Professional Internship	10	16		
	MLXXXX Profession Preparation	1			
		_			
	XXXXXX Care, Serve, Learn (University-level)	3	3		
-	CHEM Core				
	CM1001 Foundations of Chemistry I	4			
	CM1002 Foundations of Chemistry II	4			
	CB1102 Introduction to Chemistry, Chemical and Biomedical Engineering	1			
	MH1802 Calculus for the Sciences	4			
	CM1804 Mathematics for Chemistry	2			
	PH1011 Physics or PH1012* Physics A	3/4*			
	CM2021 Inorganic and Bioinorganic Chemistry	3			
	CM2011 Analytical Chemistry	3			
	CM2061 Chemistry & Biological Chemistry Laboratory 1	3			
	PS0001 Introduction to Computational Thinking	3	F0/F03		
Major	CM2031 Organic and Bioorganic Chemistry	3	58/59		
Requirement	CM2041 Physical and Biophysical Chemistry 1	3			
	CM2062 Chemistry & Biological Chemistry Laboratory 2	3			
	CB2002 Introduction to Chemical and Biological Safety	1			
	CM3011 ^{&} Chemical Spectroscopy and Applications	3			
	CM3041 ^{&} Physical and Biophysical Chemistry 2	3			
	CM3062 Chemistry & Biological Chemistry Laboratory 4	3			
	CM3031 ^{&} Organic Reaction Mechanisms and Synthesis	3			
	CM3021 ^{&} Organometallic Chemistry	3			
	CM3061 Chemistry & Biological Chemistry Laboratory 3	3			
	CHEM Major Prescribed Electives (MPE)				
	CM4080 Honours Project 1	10	22		
	4 x MPEs	12	22		

	HE5091 Principles of Economics (3AU)		
	HE5091 Principles of Economics (3AU)		
	TIESUST Principles of Economics (SAO)		
	HE5091 Principles of Economics (3AU)		
	AB0603 Social Entrepreneurship (3AU)		
	5) PROFIT		
	CV3101 GVII ENGINEETING and Sustainability built Environment (SAO)		
	CV5101 Civil Engineering and Sustainability Built Environment (3AU)		
	BM2517 Marketing Sustainability for the Next Generation (3AU)		
	4) PRACTICE		
	HS0301 Environment Sustainability (3AU)		30
Sustainability	HA1003 Introduction to Public Administration and Public Policy (3AU)		30
2nd Major in	BR3229 Climate Risk Analytics (3AU) HA1003 Introduction to Rublic Administration and Rublic Policy (3AU)		
	HA1001 Introduction to International Relations and Foreign Policy (3AU)		
	3) POLICY		
	3) POLICY	15	
	ES5008 Biodiversity and natural history of Singapore (3AU)		
	ES5007 Climate and Climate Change (3AU)		
	ES5005 Environmental Earth System Science (3AU)		
	ES5003 Blue Planet: Howe the Ocean Works (3AU)		
	ES5001 Natural Hazards and Society (3AU)		
	2) PLANET		
	HC5010 Introcudction to Environmental Humanities (3AU)		
	HV5001 Introduction to Environmental Humanities (3AU)		
	ES5006 Environmental Sustainability (3AU)		
	1) PEOPLE EM5109 Environmental Issue & Sustainability (3AU)		
	Choose 1 Course from EACH of the 5 Knowledge Area		

^{*}Students without 'A' Level Physics will take 'PH1012 Physics A' (4AU).

 $^{^{\&}amp;}$ CM3011, CM3021. CM3031, CM3041 are offered in both semesters.

	mistry and Biological Chemistry with 2nd	Major in	Sustainabilit	ty (CHSN)			
	Study Plan for AY2025-2026 intake of essional Internship						
I II VVICIII.	Jessional internsinp						
Year 1 Semo	ester 1	_		Year 1 Sem	ester 2	_	
Course CM1001	Francisco of Chamistry I	Туре	<u>AU</u> 4	Course CM1002	Foundations of Chemistry II	Type	AU
MH1802	Foundations of Chemistry I Calculus for the Sciences	C C	4	CM1002 CM1804	Mathematics for Chemistry	C C	4 2
CB1102	Introduction to Chemistry, Chemical and Biomedical Engineering	С	1	PH1011/	Physics <u>or</u>	С	3
CC0001	Inquiry & Communication in an Interdisciplinary World	СС	2	PH1012*	Physics A (For students without 'A' Level Physics)	С	4
CC0015	Health & Wellbeing	CC	2	CC0003	Ethics & Civics in a Multi-Cultural World	СС	2
	SN Compulsory 1	BDE	3	ML0004	Career Design & Workplace Readiness in the V.U.C.A World	СС	2
10004		#			SN Compulsory 2	BDE	3
HW0001	Introduction to Academic Communication	on"			SN Elective 1	BDE	3
			16				19/20*
# for studen	nts who have not cleared QET						
Year 2 Semo	ester 1			Year 2 Sem	nester 2		
Course		Туре	AU	Course		Туре	AU
CM2011	Analytical and Bioanalytical Chemistry	С	3	CM2031	Organic and Bioorganic Chemistry	С	3
CM2021	Inorganic and Bioinorganic Chemistry	С	3	CM2041	Physical and Biophysical Chemistry 1	С	3
CM2061	Chemistry & Biological Chemistry Laboratory 1	С	3	CM2062	Chemistry & Biological Chemistry Laboratory 2	С	3
PS0001	Introduction to Computational Thinking	С	3	CB2002	Introduction to Chemical and Biological Safety	С	1
CC0006	Sustainability: Society, Economy & Environment	СС	3	PS0002	Introduction to Data Science and Artificial Intelligence	PS	3
	SN Compulsory 3	BDE	3	CC0007	Science & Technology for Humanity	CC	3
XXXXXX	Care, Serve, Learn	CSL	3		SN Compulsory 4	BDE	3
			21				19
Year 3 Semo				Year 3 Sem	tau 7		
Year 3 Semo	ester 1	Туре	AU	Year 3 Sem Course	ester 2	Туре	AU
CM3xxx ^{&}	CHEM-Core	С	3	CM3xxx ^{&}	CHEM-Core	С	3
CM3xxx ^{&}	CHEM-Core	С	3	CM3xxx ^{&}	CHEM-Core	С	3
CM3062	Chemistry & Biological Chemistry Laboratory 4	С	3	CM3061	Chemistry & Biological Chemistry Laboratory 3	C	3
MLxxxx	Profession Preparation	PS	1		SN Elective 4	BDE	3
	SN Compulsory 5	BDE	3	HW0218	Communication Across the Sciences	PS	2
	SN Elective 2	BDE	3		CHEM MPE 1	MPE	3
	SN Elective 3	BDE	3		CHEM MPE 2	MPE	3
			19				20
Year 4 Semo	ester 1			Year 4 Sem	nester 2		
Course		Туре	AU	Course		Туре	AU
CM4081	Professional Internship	PS	10	CM4080	Honours Project 1	MPE	10
					CHEM MPE 3	MPE	3
					CHEM MPE 4	MPE	3
					Interdisplinary Project	BDE	3
			10				19
					Total (AU)		143/144*

This study plan is meant as a guide.
*Students without 'A' Level Physics will take 'PH1012 Physics A' (4AU).

 $^{^{\&}amp;}$ CM3xxx refers to CM3011, CM3021, CM3031, CM3041 - These courses are offered in both semesters

BSc in Chemistry and Biological Chemistry with 2nd Major in Sustainability (CHSN)

AY2025 - 2026 Intake onwards

FYP with Professional Attachment

		Number of Academic Units (AU)									
Programme	Year of Study	Major Requirement		Interdiscip	linary Collabo	Broadening and Deepening	Total				
	otaay	Core (C)	Major PE (MPE)	Common Core (CC)	Professional Series (PS)	Care, Serve and Learn (CSL)					
Chemistry and	1	18/19*		8			9	35/36*			
Biological	2	22		6	3	3	6	40			
Chemistry with	3	18			8		13	39			
2nd Major in	4		22				3	25			
Sustainability	Total	58/59*	22	14	11	3	31	139/140*			

Category	and Biological Chemistry with 2nd Major in Sustainability (CHSN)	AU	Total AU
category	Common Core (University-level)	1	lotal AO
	CC0001 Inquiry & Communication in an Interdisciplinary World	2	
	CC0003 Ethics & Civics in a Multi-Cultural World	2	
	ML0004 Career Design & Workplace Readiness in the V.U.C.A World	2	
	CC0015 Health & Wellbeing	2	14
	CC0006 Sustainability: Society, Economy & Environment	3	
Interdisciplinary		3	
Collaborative	cossor soletice a resimology for maintainey		
Core (ICC)	Professional Series (College-level)		
	HW0218 Communication Across the Sciences	2	
1	PS0002 Introduction to Data Science and Artificial Intelligence	3	
ı	CM4082 Professional Attachment	5	11
	MLXXXX Profession Preparation	1	
	XXXXXX Care, Serve, Learn (University-level)	3	3
			t .
	CHEM Core		
	CM1001 Foundations of Chemistry I	4	
	CM1002 Foundations of Chemistry II	4	
	CB1102 Introduction to Chemistry, Chemical and Biomedical Engineering	1	
	MH1802 Calculus for the Sciences	4	
	CM1804 Mathematics for Chemistry	2	
	PH1011 Physics or PH1012* Physics A	3/4*	
	CM2021 Inorganic and Bioinorganic Chemistry	3	
	CM2011 Analytical Chemistry	3	
	CM2061 Chemistry & Biological Chemistry Laboratory 1	3	
	PS0001 Introduction to Computational Thinking	3	58/59*
Major	CM2031 Organic and Bioorganic Chemistry	3	30/33
Requirement	CM2041 Physical and Biophysical Chemistry 1	3	
	CM2062 Chemistry & Biological Chemistry Laboratory 2	3	
	CB2002 Introduction to Chemical and Biological Safety	1	
	CM3011 ^{&} Chemical Spectroscopy and Applications	3	
	CM3041 ^{&} Physical and Biophysical Chemistry 2	3	
	CM3062 Chemistry & Biological Chemistry Laboratory 4	3	
	CM3031 ^{&} Organic Reaction Mechanisms and Synthesis	3	
	CM3021 ^{&} Organometallic Chemistry	3	
	CM3061 Chemistry & Biological Chemistry Laboratory 3	3	
	CHEM Major Prescribed Electives (MPE)		
	CM4080 Honours Project 1	10	22
	4 x MPEs	12	

Γotal			139/140*
BDE	Any 1 BDE	1	1
	Students are responsible to plan for their 2nd major courses	1	
	Click here to access the full 2nd Major in Sustainability compulsory core and elective		
	Choose 3- 4 courses from the list of electives	12	
	Sustainability Electives		
	Interdisciplinary Project: ES5100 Sustainability Capstone Project	3	
	HE5091 Principles of Economics (3AU)		
	5) PROFIT AB0603 Social Entrepreneurship (3AU)		
	BM2517 Marketing Sustainability for the Next Generation (3AU) CV5101 Civil Engineering and Sustainability Built Environment (3AU)		
	4) PRACTICE		
2nd Major in Sustainability	HS0301 Environment Sustainability (3AU)		30
	BR3229 Climate Risk Analytics (3AU) HA1003 Introduction to Public Administration and Public Policy (3AU)		
	3) POLICY HA1001 Introduction to International Relations and Foreign Policy (3AU)		
	ES5008 Biodiversity and natural history of Singapore (3AU)	15	
	ES5007 Climate and Climate Change (3AU)		
	ES5005 Environmental Earth System Science (3AU)		
	ES5001 Natural Hazards and Society (3AU) ES5003 Blue Planet: Howe the Ocean Works (3AU)		
	2) PLANET		
	HV5001 Introduction to Environmental Humanities (3AU) HC5010 Introcudction to Environmental Humanities (3AU)		
	ES5006 Environmental Sustainability (3AU)		
	EM5109 Environmental Issue & Sustainability (3AU)		
	Sustainability Compulsory Courses Choose 1 Course from EACH of the 5 Knowledge Area 1) PEOPLE		

^{*}Students without 'A' Level Physics will take 'PH1012 Physics A' (4AU).

[&]amp; CM3011, CM3021. CM3031, CM3041 are offered in both semesters.

	mistry and Biological Chemistry with 2nd Study Plan for AY2025-2026 intake	Major in	Sustainabilit	ty (CHSN)			
	rofessional Attachment						
Year 1 Sem				Voor 1 Com	agestor 2		
rear 1 Semi Course	ester 1	Туре	AU	Year 1 Sem Course	iester 2	Туре	AU
CM1001	Foundations of Chemistry I	С	4	CM1002	Foundations of Chemistry II	С	4
MH1802	Calculus for the Sciences	С	4	CM1804	Mathematics for Chemistry	C	2
	Introduction to Chemistry, Chemical				·		
CB1102	and Biomedical Engineering	С	1	PH1011/	Physics <u>or</u>	С	3
CC0001	Inquiry & Communication in an	CC	2	PH1012*	Physics A (For students without 'A'	С	4
	Interdisciplinary World				Level Physics) Ethics & Civics in a Multi-Cultural		
CC0015	Health & Wellbeing	CC	2	CC0003	World	CC	2
	CN Compulsory 1	BDE	3	ML0004	Career Design & Workplace	CC	2
	SN Compulsory 1	BDE	3	WILUU4	Readiness in the V.U.C.A World	CC	2
					SN Compulsory 2	BDE	3
HW0001	Introduction to Academic Communicati	ion [#]			SN Elective 1	BDE	3
1			16				19/20*
# for studen	nts who have not cleared QET						,
Year 2 Sem	acetor 1			Year 2 Sem	nortor 7		
Course	ester 1	Туре	AU	Course	iestei z	Туре	AU
	Analytical and Bioanalytical						
CM2011	Chemistry	С	3	CM2031	Organic and Bioorganic Chemistry	С	3
CM2021	Inorganic and Bioinorganic Chemistry	С	3	CM2041	Physical and Biophysical Chemistry 1	С	3
	Chamistry & Biological Chamistry				Chamistry 9 Biological Chamistry		
CM2061	Chemistry & Biological Chemistry Laboratory 1	С	3	CM2062	Chemistry & Biological Chemistry Laboratory 2	С	3
	Introduction to Computational				Introduction to Chemical and		
PS0001	Thinking	С	3	CB2002	Biological Safety	С	1
	Sustainability: Society, Economy &	~~	•	550003	Introduction to Data Science and	50	า
CC0006	Environment	CC	3	PS0002	Artificial Intelligence	PS	3
	SN Compulsory 3	BDE	3	CC0007	Science & Technology for Humanity	CC	3
xxxxx	Care, Serve, Learn	CSL	3		SN Compulsory 4	BDE	3
<u> </u>							
			21				19
Year 3 Sem	ester 1	Type	AU	Year 3 Sem Course	iester 2	Type	AU
CM3xxx ^{&}	CHEM-Core	С	3	CM3xxx ^{&}	CHEM-Core	С	3
CM3xxx ^{&}	CHEM-Core	С	3	CM3xxx ^{&}	CHEM-Core	С	3
CM3062	Chemistry & Biological Chemistry Laboratory 4	С	3	CM3061	Chemistry & Biological Chemistry Laboratory 3	С	3
MLxxxx	Profession Preparation	PS	1		SN Elective 4	BDE	3
IVILAAAA	SN Elective 2	BDE	3	HW0218	Communication Across the Sciences	PS	2
	SN Elective 3	BDE	3	11000210	BDE	BDE	1
	SN Compulsory 5	BDE	3		DUL	00.	-
	•						
				Year 3 Spec			_
				CM4082	Professional Attachment	PS	5
			19				20
Year 4 Sem	ester 1			Year 4 Sem	iester 2		
Course	CUERA RADE A	Type	AU	Course	Unana Project 1	Type	AU 10
1	CHEM MPE 1	MPE	3	CM4080	Honours Project 1	MPE	10
	CHEM MPE 2	MPE MPE	3 3		Interdisplinary Project	BDE	3
	CHEM MDE 3	IVII L	3				
	CHEM MPE 3 CHEM MPE 4	MPE	3				
	CHEM MPE 3 CHEM MPE 4	MPE	3	-			
		MPE	3 12		Total (AU)		13 139/140

This study plan is meant as a guide.

*Students without 'A' Level Physics will take 'PH1012 Physics A' (4AU).

& CM3xxx refers to CM3011, CM3021, CM3031, CM3041 - These courses are offered in both semesters

BSc in Chemistry and Biological Chemistry with 2nd Major in Sustainability (CHSN)

AY2025 - 2026 Intake onwards with Professional Internship

		Number of Academic Units (AU)								
Programme	Year of	Major Red	quirement	Interdiscip	linary Collabo	Broadening and				
. rogramme	Study	Core (C)	Major PE (MPE)	Common Core (CC)	Professional Series (PS)	Care, Serve and Learn (CSL)	Deepening Electives (BDE)	Total		
Chemistry and	1	18/19*		8			9	35/36*		
Biological	2	22		6	3	3	6	40		
Chemistry with	3	18			3		18	39		
2nd Major in	4		12		10		3	25		
Sustainability	Total	58/59*	12	14	16	3	36	139/140*		

BSc in Chemistry and Biological Chemistry with 2nd Major in Sustainability (CHSN)

Category		AU	Total AL		
	Common Core (University-level)				
	CC0001 Inquiry & Communication in an Interdisciplinary World	2			
	CC0003 Ethics & Civics in a Multi-Cultural World	2			
	ML0004 Career Design & Workplace Readiness in the V.U.C.A World	2			
	CC0015 Health & Wellbeing	2	14		
	CC0006 Sustainability: Society, Economy & Environment	3			
nterdisciplinary	CC0007 Science & Technology for Humanity	3			
Collaborative	,				
Core (ICC)	Professional Series (College-level)				
	HW0218 Communication Across the Sciences	2			
	PS0002 Introduction to Data Science and Artificial Intelligence	3	1.0		
	CM4081 Professional Internship	10	16		
	MLXXXX Profession Preparation	1			
	·				
	XXXXXX Care, Serve, Learn (University-level)	3	3		
	CHEM Core				
	CM1001 Foundations of Chemistry I	4			
	CM1002 Foundations of Chemistry II	4			
	CB1102 Introduction to Chemistry, Chemical and Biomedical Engineering	1			
	MH1802 Calculus for the Sciences	4			
	CM1804 Mathematics for Chemistry	2			
	PH1011 Physics or PH1012* Physics A	3/4*			
	CM2021 Inorganic and Bioinorganic Chemistry	3			
	CM2011 Analytical Chemistry	3			
	CM2061 Chemistry & Biological Chemistry Laboratory 1	3			
	PS0001 Introduction to Computational Thinking	3	58/59*		
Major	CM2031 Organic and Bioorganic Chemistry	3	36/33		
Requirement	CM2041 Physical and Biophysical Chemistry 1	3			
	CM2062 Chemistry & Biological Chemistry Laboratory 2	3			
	CB2002 Introduction to Chemical and Biological Safety	1			
	CM3011 ^{&} Chemical Spectroscopy and Applications	3			
	CM3041 ^{&} Physical and Biophysical Chemistry 2	3			
	CM3062 Chemistry & Biological Chemistry Laboratory 4	3			
	CM3031 ^{&} Organic Reaction Mechanisms and Synthesis	3			
	CM3021 ^{&} Organometallic Chemistry	3			
	CM3061 Chemistry & Biological Chemistry Laboratory 3	3			
	CHEM Major Prescribed Electives (MPE)				
	4 x MPEs	12	12		

	EM5109 Environmental Issue & Sustainability (3AU) ES5006 Environmental Sustainability (3AU)		
	HV5001 Introduction to Environmental Humanities (3AU)		
	HC5010 Introcudction to Environmental Humanities (3AU)		
	2) PLANET		
	ES5001 Natural Hazards and Society (3AU)		
	ES5003 Blue Planet: Howe the Ocean Works (3AU)		
	ES5005 Environmental Earth System Science (3AU)		
	ES5007 Climate and Climate Change (3AU) ES5008 Biodiversity and natural history of Singapore (3AU)		
		15	
	3) POLICY		
	HA1001 Introduction to International Relations and Foreign Policy (3AU)		
	BR3229 Climate Risk Analytics (3AU)		
2nd Major in	HA1003 Introduction to Public Administration and Public Policy (3AU) HS0301 Environment Sustainability (3AU)		20
Sustainability	1130301 Environment Sustainability (3A0)		30
	4) PRACTICE		
	BM2517 Marketing Sustainability for the Next Generation (3AU)		
	CV5101 Civil Engineering and Sustainability Built Environment (3AU)		
	5) PROFIT		
	AB0603 Social Entrepreneurship (3AU)		
	HE5091 Principles of Economics (3AU)		
	Interdisciplinary Project: ES5100 Sustainability Capstone Project	3	
	Sustainability Electives		
	Choose 3- 4 courses from the list of electives	12	
	Click here to access the full 2nd Major in Sustainability compulsory core and elective		
	<u>courses</u>		
	Students are responsible to plan for their 2nd major courses		
	Any 3 BDE	6	6

^{*}Students without 'A' Level Physics will take 'PH1012 Physics A' (4AU).

CM3011, CM3021. CM3031, CM3041 are offered in both semesters.

	nistry and Biological Chemistry with 2nd Study Plan for AY2025-2026 intake	iviajoi iii	Justamabini	ty (CH3N)			
	sional Internship						
Year 1 Sem	ester 1			Year 1 Sem	ester 2		
Course		Туре	AU	Course		Туре	AU
CM1001	Foundations of Chemistry I	C	4	CM1002	Foundations of Chemistry II	С	4
MH1802	Calculus for the Sciences	С	4	CM1804	Mathematics for Chemistry	С	2
CB1102	Introduction to Chemistry, Chemical and Biomedical Engineering	С	1	PH1011/	Physics <u>or</u>	С	3
CC0001	Inquiry & Communication in an Interdisciplinary World	СС	2	PH1012*	Physics A (For students without 'A' Level Physics)	С	4
CC0015	Health & Wellbeing	CC	2	CC0003	Ethics & Civics in a Multi-Cultural World	CC	2
	SN Compulsory 1	BDE	3	ML0004	Career Design & Workplace Readiness in the V.U.C.A World	CC	2
					SN Compulsory 2	BDE	3
HW0001	Introduction to Academic Communicati	on #			SN Elective 1	BDE	3
# 6	to what have not alread OFT		16				19/20*
	ts who have not cleared QET						
Year 2 Semester 1 Course		Туре	AU	Year 2 Sem Course	ester 2	Туре	AU
CM2011	Analytical and Bioanalytical Chemistry	С	3	CM2031	Organic and Bioorganic Chemistry	С	3
CM2021	Inorganic and Bioinorganic Chemistry	С	3	CM2041	Physical and Biophysical Chemistry 1	С	3
CM2061	Chemistry & Biological Chemistry Laboratory 1	С	3	CM2062	Chemistry & Biological Chemistry Laboratory 2	С	3
PS0001	Introduction to Computational Thinking	С	3	CB2002	Introduction to Chemical and Biological Safety	С	1
CC0006	Sustainability: Society, Economy & Environment	CC	3	PS0002	Introduction to Data Science and Artificial Intelligence	PS	3
	SN Compulsory 3	BDE	3	CC0007	Science & Technology for Humanity	CC	3
XXXXXX	Care, Serve, Learn	CSL	3		SN Compulsory 4	BDE	3
			21				19
Year 3 Sem	ester 1			Year 3 Sem	ester 2		
Course		Type	AU	Course		Type	AU
CM3xxx ^{&}	CHEM-Core	С	3	CM3xxx ^{&}	CHEM-Core	С	3
CM3xxx ^{&}	CHEM-Core	С	3	CM3xxx ^{&}	CHEM-Core	С	3
CM3062	Chemistry & Biological Chemistry Laboratory 4	С	3	CM3061	Chemistry & Biological Chemistry Laboratory 3	С	3
MLxxxx	Profession Preparation	PS	1		SN Elective 4	BDE	3
	SN Elective 2	BDE	3	HW0218	Communication Across the Sciences	PS	2
	SN Elective 3	BDE	3		BDE 1	BDE	3
	SN Compulsory 5	BDE	3		BDE 2	BDE	3
			19				20
Year 4 Sem	ester 1			Year 4 Sem	ester 2		
Course		Туре	AU	Course		Туре	AU
CM4081	Professional Internship	PS	10		CHEM MPE 1	MPE	3
					CHEM MPE 2	MPE	3
					CHEM MPE 3	MPE	3
					CHEM MPE 4	MPE	3
					Interdisplinary Project	BDE	3
			10				15

This study plan is meant as a guide.

*Students without 'A' Level Physics will take 'PH1012 Physics A' (4AU).

& CM3xxx refers to CM3011, CM3021, CM3031, CM3041 - These courses are offered in both semesters