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

AY2023 - 2024 Intake onwards

FYP with Professional Attachment

		Number of Academic Units (AU)									
Programme	Year of	Major Requirement		Interdisciplinary Collaborative Core		Broadening	Total				
	Study	Core (C)	Major PE (MPE)	Common Core (CC)	Foundational Core (FC)	and Deepening Electives (BDE)	iotai				
Chemistry and	1	17/18*		11		5	33/34*				
Biological	2	21		6	3	6	36				
Chemistry with	3	18			7	17	42				
2nd Major in	4		22			6	28				
Sustainability	Total	56/57*	22	17	10	34	139/140*				

Zila Major III			22				20			
Sustainability	Total	56/57*	22	17	10	34	139/140*			
BSc in Chemistry	and Biologic	cal Chemistry wi	th 2nd Major	in Sustainabili	ty (CHSN)					
Category						AU	Total AU			
	Common C	ore (University-	level)							
						2				
		juiry and Commi		e Interdisciplir	nary World					
		vigating the Digi				2				
		nics & Civics in a		World		2	4-			
		althy Living & W	_	0 = .		3	17			
Interdisciplinary		stainability: Soci			t	3				
Collaborative Core		ence & Technolo	•.	•		3				
(ICC)		reer and Entrep	reneuriai Deve	elopment for ti	ne Future	2				
	World									
	Foundation	nal Core (College	-level)							
		ommunication A		nces		2				
		roduction to Dat			igence	3	10			
		ofessional Attac		, a ciriolal iriccii	Berree	5				
							I.			
	CHEM Core	:								
	CM1001	Foundations o	f Chemistry I			4				
	CM1002	Foundations of	f Chemistry II			4				
	MH1802	Calculus for th	e Sciences			4				
	CM1804	Mathematics f	or Chemistry			2				
	PH1011	Physics <u>or</u> PH1	012* Physics A	4		3/4*				
	CM2021	Inorganic and	Bioinorganic C	hemistry		3				
	CM2011	Analytical Che	mistry			3				
	CM2061	Chemistry & B	iological Chem	istry Laborato	ry 1	3				
	PS0001	Introduction to	Computation	al Thinking		3	56/57*			
Major	CM2031	Organic and Bi	oorganic Chen	nistry		3	30/37			
Requirement	CM2041	Physical and B	iophysical Che	mistry 1		3				
qucc	CM2062	Chemistry & B	iological Chem	istry Laborato	ry 2	3				
	CM3011 ^{&}	Chemical Spec	troscopy and A	Applications		3				
	CM3041 ^{&}	Physical and B		•		3				
	CM3062	Chemistry & B	iological Chem	istry Laborato	ry 4	3				
	CM3031 ^{&}	Organic Reacti		ns and Synthes	is	3				
	CM3021 ^{&}	Organometalli	•			3				
	CM3061	Chemistry & B	iological Chem	istry Laborato	ry 3	3				
		or Prescribed Ele				10	I			
	CM4080	Honours Proje	ct 1			10	22			
	4 x MPEs					12				

			139/140
DE	Any 2 BDE	4	4
	Students are responsible to plan for their 2nd major courses		
	and elective courses		
	Click here to access the full 2nd Major in Sustainability compulsory core		
	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)		
	CV5101 Civil Engineering and Sustainability Built Environment (3AU)		
	BM2517 Marketing Sustainability for the Next Generation (3AU)		
	4) PRACTICE		
Sustainability	HS0301 Environment Sustainability (3AU)		30
2nd Major in	HA1003 Introduction to Public Administration and Public Policy (3AU)		
	BR3229 Climate Risk Analytics (3AU)		
	HA1001 Introduction to International Relations and Foreign Policy (3AU)	15	
	3) POLICY HA1001 Introduction to International Polations and Foreign Policy		
	ES5008 Biodiversity and natural history of Singapore (3AU)		
	ES5007 Climate and Climate Change (3AU)		
	ES5003 Blue Planet: Howe the Ocean Works (3AU) ES5005 Environmental Earth System Science (3AU)		
	2) PLANET ES5001 Natural Hazards and Society (3AU)		
	HC5010 Introcudction to Environmental Humanities (3AU)		
	HV5001 Introduction to Environmental Humanities (3AU)		
	EM5109 Environmental Issue & Sustainability (3AU) ES5006 Environmental Sustainability (3AU)		
	1) PEOPLE		
	Sustainability Compulsory Courses 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 Study Plan for AY2023-2024 intake	•		,, ,			
FYP with Pr	rofessional Attachment Option						
Year 1 Sem	nester 1			Year 1 Sem	nester 2		
Course		Туре	AU	Course		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	С	2
CC0001	Inquiry and Communication in the Interdisciplinary World	CC	2	PH1011/	Physics <u>or</u>	С	3
CC0002	Navigating the Digital World	CC	2	PH1012*	Physics A (For students without 'A' Level Physics)	С	4
CC0005	Healthy Living & Well-being	CC	3	CC0003	Ethics & Civics in a Multi-Cultural World	CC	2
	BDE 1	BDE	2	ML0004	Career and Entrepreneurial Development for the Future World	СС	2
HW0001	Introduction to Academic Communicati	on#			SN Compulsory 1	BDE	3
<u> </u>			17				16/17*
[#] for studen	nts who have not cleared QET		1,				10,
Year 2 Sem	nester 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	PS0002	Introduction to Data Science and Artificial Intelligence	FC	3
CC0006	Sustainability: Society, Economy & Environment	CC	3	CC0007	Science & Technology for Humanity	CC	3
	SN Compulsory 2	BDE	3		SN Compulsory 3	BDE	3
			18				18
Year 3 Sem	nester 1			Year 3 Sem	nester 2		
Course		Туре	AU	Course		Туре	AU
CM3xxx ^{&}	CHEM-Core	C	3	CM3xxx ^{&}	CHEM-Core	C	3
CM3xxx ^{&}	CHEM-Core	С	3	CM3xxx ^{&}	CHEM-Core	С	3
	Chemistry & Biological Chemistry				Chemistry & Biological Chemistry		
CM3062	Laboratory 4	С	3	CM3061	Laboratory 3	С	3
	SN Elective 1	BDE	3		SN Compulsory 4	BDE	3
	SN Elective 2	BDE	3		SN Compulsory 5	BDE	3
	BDE 2	BDE	2		SN Elective 3	BDE	3
				HW0218	Communication Across the Sciences	FC	2
				Year 3 Spe	<u>cial Sem</u>		
				CM4082	Professional Attachment	FC	5
			17				25
Year 4 Sem	nester 1			Year 4 Sem	nester 2		
Course		Туре	AU	Course		Туре	AU
	CHEM MPE1	MPE	3	CM4080	Honours Project 1	MPE	10
	CHEM MPE2	MPE	3		Interdisplinary Project	BDE	3
	CHEM MPE3	MPE	3		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	CHEM MPE4	MPE	3				
	SN Elective 4	BDE	3				
							42
			15		-		13
					Total (AU)		139/140

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

 $^{^{\}it 8}$ 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)

AY2023 - 2024 Intake onwards

with Professional Internship

		Number of Academic Units (AU)									
Programme	Year of Study	Major Requirement		Interdisciplinary Collaborative Core		Broadening and Deepening	Total				
	,	Core (C)	Major PE (MPE)	Common Core (CC)	Foundational Core (FC)	Electives (BDE)					
Chemistry and	1	17/18*		11		9	37/38*				
Biological	2	21		6	3	6	36				
Chemistry with	3	18			2	18	38				
2nd Major in	4		12		10	6	28				
Sustainability	Total	56/57*	12	17	15	39	139/140*				

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

Category		AU	Total AU		
	Common Core (University-level)				
	CC0001 Inquiry and Communication in the Interdisciplinary World	2			
	CC0002 Navigating the Digital World	2			
	CC0003 Ethics & Civics in a Multi-Cultural World	2			
	CC0005 Healthy Living & Wellbeing	3	17		
Interdisciplinary	CC0006 Sustainability: Society, Economy & Environment	3			
	CC0007 Science & Technology for Humanity	3			
(ICC)	ML0004 Career and Entrepreneurial Development for the Future				
, ,	World	2			
			1		
	Foundational Core (College-level)				
	HW0218 Communication Across the Sciences	2			
	PS0002 Introduction to Data Science and Artificial Intelligence	3	15		
	CM4081 Professional Internship	10			
	,				
	CHEM Core				
	CM1001 Foundations of Chemistry I	4			
	CM1002 Foundations of Chemistry II	4			
	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	56/57*		
Major	CM2031 Organic and Bioorganic Chemistry	3			
Requirement	CM2041 Physical and Biophysical Chemistry 1	3			
	CM2062 Chemistry & Biological Chemistry Laboratory 2	3			
	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			
	CUENA Maior Drossyihad Floatings (NADE)				
	CHEM Major Prescribed Electives (MPE) 4 x MPEs	12	12		
	4 Y IAILE?	12	12		

otal			139/140*
BDE	Any 3 BDE	9	9
	Students are responsible to plan for their 2nd major courses		
	Click here to access the full 2nd Major in Sustainability compulsory core		
		12	
	Sustainability Electives Choose 3- 4 courses from the list of electives	12	
	Interdisciplinary Project: ES5100 Sustainability Capstone Project	3	
	HE5091 Principles of Economics (3AU)		
	5) PROFIT AB0603 Social Entrepreneurship (3AU)		
	CV5101 Civil Engineering and Sustainability Built Environment (3AU)		
	BM2517 Marketing Sustainability for the Next Generation (3AU)		
	4) PRACTICE		
_ 30 tall lability	HS0301 Environment Sustainability (3AU)		
2nd Major in Sustainability	HA1003 Introduction to Public Administration and Public Policy (3AU)		30
	BR3229 Climate Risk Analytics (3AU)		
	HA1001 Introduction to International Relations and Foreign Policy (3AU)		
	3) POLICY HA1001 Introduction to International Relations and Foreign Reliev	15	
	ES5008 Biodiversity and natural history of Singapore (3AU)		
	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		
	HC5010 Introcudction to Environmental Humanities (3AU)		
	HV5001 Introduction to Environmental Humanities (3AU)		
	ES5006 Environmental Sustainability (3AU)		
	EM5109 Environmental Issue & Sustainability (3AU)		
	Choose 1 Course from EACH of the 5 Knowledge Area 1) PEOPLE		
	Sustainability Compulsory Courses		

^{*}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	Sustainabili	ty (CHSN)			
	Study Plan for AY2023-2024 intake						
with Profes	ssional Internship						
V 4 6				V 4 C			
Year 1 Sem Course	iester 1	Typo	AU	Year 1 Sem Course	nester 2	Typo	AU
CM1001	Foundations of Chemistry I	Type C	4	CM1002	Foundations of Chemistry II	Type C	4
MH1802	Calculus for the Sciences	C	4	CM1804	Mathematics for Chemistry	С	2
CC0001	Inquiry and Communication in the	СС	2	PH1011/	Physics or	С	3
	Interdisciplinary World				Physics A (For students without 'A'		
CC0002	Navigating the Digital World	CC	2	PH1012*	Level Physics)	С	4
CC0005	Healthy Living & Well-being	CC	3	CC0003	Ethics & Civics in a Multi-Cultural World	CC	2
	BDE 1	BDE	3	ML0004	Career and Entrepreneurial	CC	2
HW0001	Introduction to Academic Communicat	ion [#]			SN Compulsory 1	BDE	3
					BDE 2	BDE	3
			18				19/20*
# for studen	nts who have not cleared QET						
Year 2 Sem	nester 1			Year 2 Sem	nester 2		
Course		Type	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	С	3	PS0002	Introduction to Data Science and	FC	3
CC0006	Thinking Sustainability: Society, Economy &	CC	3	CC0007	Artificial Intelligence Science & Technology for Humanity	СС	3
l	Environment SN Compulsory 2	BDE	3		SN Compulsory 3	BDE	3
	· ·		18		· ,		18
			10				10
Year 3 Sem	ester 1			Year 3 Sem	nester 2		
Course		Type	AU	Course		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	С	3	CM3061	Chemistry & Biological Chemistry	С	3
	Laboratory 4				Laboratory 3		
	SN Elective 1	BDE	3		SN Compulsory 4	BDE	3
	SN Elective 2	BDE	3		SN Compulsory 5	BDE	3
	BDE 3	BDE	3		SN Elective 3	BDE	3
				HW0218	Communication Across the Sciences	FC	2
			18				20
v			-				-
Year 4 Sem Course	iester 1	Type	ΛΠ	Year 4 Sem Course	iestef Z	Туре	ΛII
	Professional Internship	Type FC	10	Course	CHEM MDE1	MPE	AU
CM4081	Froiessional internship	FC	10		CHEM MPE1		3
					CHEM MPE2	MPE	3
					CHEM MPE3	MPE	3
					CHEM MPE4	MPE	3
					SN Elective 4 Interdisplinary Project	BDE BDE	3 3
			10				18
					Total (AU)		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)

AY2023 - 2024 Intake onwards

with Professional Internship and FYP

		Number of Academic Units (AU)									
Programme	Year of Study	Major Requirement		Interdisciplinary Collaborative Core		Broadening and Deepening	Total				
	,	Core (C)	Major PE (MPE)	Common Core (CC)	Foundational Core (FC)	Electives (BDE)					
Chemistry and	1	17/18*		11		3	31/32*				
Biological	2	21		6	3	9	39				
Chemistry with	3	18	6		2	15	41				
2nd Major in	4		16		10	3	29				
Sustainability	Total	56/57*	22	17	15	30	140/141*				

BSc in Chemistry	and Biologi	cal Chemistry with 2nd Major in Sustainability (CHSN)				
Category	and biologi	car chemistry with 2nd Major in Sustamability (Crisiv)	AU	Total AU		
7	Common C	Core (University-level)				
	CC0001 Inc	2				
		vigating the Digital World	2			
		nics & Civics in a Multi-Cultural World	2			
		althy Living & Wellbeing	3	17		
		stainability: Society, Economy & Environment	3			
Interdisciplinary		ence & Technology for Humanity	3			
Collaborative Core		reer and Entrepreneurial Development for the Future				
(ICC)	World		2			
		nal Core (College-level)				
		ommunication Across the Sciences	2			
		roduction to Data Science and Artificial Intelligence	3	15		
	CM4081 Pr	ofessional Internship	10			
	I		ı	Ι		
	CHEM Core					
	CM1001	Foundations of Chemistry I	4			
	CM1002	Foundations of Chemistry II	4			
	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	56/57*		
Major	CM2031	Organic and Bioorganic Chemistry	3	, -		
Requirement	CM2041	Physical and Biophysical Chemistry 1	3			
	CM2062	Chemistry & Biological Chemistry Laboratory 2	3			
		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			
		or Prescribed Electives (MPE)				
	CM4080	Honours Project 1	10	22		
	4 x MPEs		12			

	Sustainability Compulsory Courses		
	Choose 1 Course from EACH of the 5 Knowledge Area		
	1) PEOPLE		
	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)		
	3) POLICY	15	
	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		
Sustainability	(3AU)		
,	HS0301 Environment Sustainability (3AU)		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		
Total			139/140*

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

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

	nistry and Biological Chemistry with 2nd	Major in	Sustainabili	ty (CHSN)			
	Study Plan for AY2023-2024 intake						
with Projes.	sional Internship and FYP						
Year 1 Sem	ester 1			Year 1 Sem	nester 2		
Course		Туре	AU	Course		Type	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	С	2
CC0001	Inquiry and Communication in the Interdisciplinary World	CC	2	PH1011/	Physics <u>or</u>	С	3
CC0002	Navigating the Digital World	CC	2	PH1012*	Physics A (For students without 'A' Level Physics)	С	4
CC0005	Healthy Living & Well-being	СС	3	CC0003	Ethics & Civics in a Multi-Cultural World	СС	2
				ML0004	Career and Entrepreneurial Development for the Future World	CC	2
HW0001	Introduction to Academic Communicati	ion [#]			SN Compulsory 1	BDE	3
# 6	to who have not alread OFT		15				16/17*
	ts who have not cleared QET						
Year 2 Sem Course	ester 1	Tuno	AU	Year 2 Sem	nester 2	Tues	AU
Course	Analytical and Bioanalytical	Туре		Course		Туре	AU
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
CM2061	Chemistry & Biological Chemistry Laboratory 1	С	3	CM2062	Chemistry & Biological Chemistry Laboratory 2	С	3
PS0001	Introduction to Computational Thinking	С	3	PS0002	Introduction to Data Science and Artificial Intelligence	FC	3
CC0006	Sustainability: Society, Economy & Environment	CC	3	CC0007	Science & Technology for Humanity	CC	3
	SN Compulsory 2	BDE	3		SN Compulsory 3 SN Elective 1	BDE BDE	3
			18				21
Year 3 Sem	ester 1			Year 3 Sem	nester 2		
Course	ester 1	Туре	AU	Course	iestei 2	Туре	AU
CM3xxx ^{&}	CHEM-Core	C	3	CM3xxx ^{&}	CHEM-Core	C	3
CM3xxx ^{&}	CHEM-Core	С	3	CM3061	Chemistry & Biological Chemistry Laboratory 3	С	3
CM3xxx ^{&}	CHEM-Core	С	3		SN Compulsory 4	BDE	3
CM3062	Chemistry & Biological Chemistry	С	3		SN Compulsory 5	BDE	3
	SN Elective 2	BDE	3		SN Elective 4	BDE	3
	SN Elective 3	BDE	3	HW0218	Communication Across the Sciences	FC	2
	Siv Elective 3	DDL	3	1100210	CHEM MPE1	MPE	3
					CHEM MPE2	MPE	3
			18				23
V 4.6				V 4.6			
Year 4 Sem	ester 1	Ture		Year 4 Sem	nester 2	T	
CN4091	Drafaccional Internation	Туре	AU 10	Course	Honoure Project 1	Type	AU 10
CM4081	Professional Internship	FC	10	CM4080	Honours Project 1 CHEM MPE3	MPE MPE	10 3
					CHEM MPE4	MPE	3
					Interdisplinary Project	BDE	3
			42				
			10		Total (AU)		19
•					Total (AU)		139/140*

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