



UNIVERSITY OF  
LIVERPOOL

# Foundation Programmes at Carmel College

*The following document contains details of the possible progression routes and the essential and optional modules of study, for your chosen Foundation programme at Carmel College.*

## **Course Selection Charts**

The course selection charts can be used to help you decide which optional modules to take during your Foundation year. For some programmes the modules are fixed (eg C108 Biological Sciences and H109 Engineering). Other programmes have a selection of essential, preferred, recommended or optional modules.

All candidates must take three modules (or two full and two half modules for candidates on C108).

## **Progression Tables**

The progression tables provide details of the Year One University of Liverpool programmes that are available when you successfully complete the Foundation Year at Carmel. The progression criteria may vary for some programmes.

**Please note: Course Selection Charts and Progression Tables are correct at the time of going to print**

[www.liverpool.ac.uk](http://www.liverpool.ac.uk)



# Course Selection Chart

			MODULES TO BE STUDIED									
Year 0	Year 1	FINAL DEGREE TITLE	Credits:	Chem	Phys	Biol	Geog	Maths	Add Maths	Half Maths	Biol Apps	Comp
			40	40	40	40	40	40	40	20	20	40
C108	B120	Human Physiology		E		E				E	E	
C108	B210	Pharmacology		E		E				E	E	
C108	C100	Biological Sciences (deferred choice)		P		E	O			E	E	
C108	C111	Tropical Disease Biology		P		E	O			E	E	
C108	C130	Biological and Medical Sciences		E		E				E	E	
C108	C160	Marine Biology		E		E				E	E	
C108	C1F7	Marine Biology with Oceanography		E		E				E	E	
C108	C300	Zoology		P		E	O			E	E	
C108	C400	Genetics		P		E	O			E	E	
C108	C500	Microbiology		P		E	O			E	E	
C108	C700	Biochemistry		E		E				E	E	
C108	D900	Bioveterinary Science		E		E				E	E	
F108	F100	Chemistry		E	O	O		E				
F108	F111	Chemistry with a Year in Industry		E	O	O		E				
F108	F1B2	Medicinal Chemistry		E		E		E				
F108	F700	Ocean Sciences (Chemistry Pathway)		E	O	O	O	E				
F308	F300	Physics		O	E	O	O	E	P			
F308	F350	Physics with Medical Applications		O	E	O	O	E	P			
F308	F352	Physics for New Technology		O	E	O	O	E	P			
F308	F390	Physics with Nuclear Science		O	E	O	O	E	P			
F308	F3F5	Physics with Astronomy		O	E	O	O	E	P			
F308	F640	Geophysics (Geology)		O	E	O	O	E	O			
F308	F656	Geophysics (Physics)		O	E	O	O	E	O			
F308	F700	Ocean Sciences (Physics Pathway)		O	E	O	O	E	O			
F308	FG31	Physics and Mathematics		O	E	O	O	E	P			
F608	F600	Geology		O	O	O	O	E				
F608	F640	Geophysics (Geology)		O	E	O	O	E	O			
F608	F656	Geophysics (Physics)		O	E	O	O	E	O			
F608	F6F8	Geology and Physical Geography		O	O	O	E	E				
F608	F700	Ocean Sciences (Physics Pathway)		O	E	O	O	E				
F608	F700	Ocean Sciences (Chemistry Pathway)		E	O	O	O	E				
F608	FF78	Geography and Oceanography		O	O	O	E	O				
F608	G1F7	Mathematics with Ocean and Climate Sciences		P	P	O	O	E	O			
F808	F6F8	Geology and Physical Geography		O	O	O	E	E				
F808	L700	Geography (BA)		O	O	O	E	O				
F808	F750	Environmental Sciences		O	O	O	E	O				
F808	F800	Geography (BSc)		O	O	O	E	P				
F808	FF78	Geography and Oceanography		O	O	O	E	O				
F808	K430	Urban Regeneration and Planning		O	O	O	E	O				
F808	K4L7	Environment and Planning		O	O	O	E	O				
F808	L7K4	Geography and Planning		O	O	O	E	O				

## Key to the table:

**E = Essential Modules:** These must be studied to allow transfer to the specified course after the foundation year.

**O = Optional Modules:** Any listed against the course of your choice may be taken in the foundation year.

**P = Preferred Modules:** The University would prefer students to take this module alongside the essential modules.

All students must take 120 credits' worth of modules to make up a full course.

**Please note:** Course Selection Charts and Progression Tables are correct at the time of going to print. The availability of Year One programmes may be subject to change within the academic year which could affect the programmes offered for progression.

# Course Selection Chart *(continued)*

		MODULES TO BE STUDIED										
Year 0	Year 1	FINAL DEGREE TITLE	Credits:	Chem	Phys	Biol	Geog	Maths	Add Maths	Half Maths	Biol Apps	Comp
				40	40	40	40	40	40	20	20	40
G108	G100	Mathematics		P	P	O	O	E	E			P
G108	G1F7	Mathematics with Ocean and Climate Sciences		P	P	O	O	E	O			P
G108	G1N3	Mathematics with Finance		P	P	O	O	E	E			P
G108	GG13	Mathematics and Statistics		P	P	O	O	E	E			P
G108	GG14	Mathematics and Computer Science		O	O	O	O	E	E			O
G108	GL11	Economics and Mathematics*		P	P	O	O	E	E			P
G108	GN11	Mathematics with Business Studies*		P	P	O	O	E	E			P
G108	G19R	Mathematics with Languages (Advanced level requires relevant language A level at grade B. No language required for beginners level)*		P	P	O	O	E	E			P
G108	GV15	Mathematics and Philosophy*		P	P	O	O	E	E			P
G108	NG31	Actuarial Mathematics		P	P	O	O	E	E			P
G108	FG31	Physics and Mathematics			E			E	E			
G408	G400	Computer Science		O	O	O	O	E	P			E
G408	G403	Computer Science with a Year in Industry (4 yrs)		O	O	O	O	E	P			E
G408	GG14	Mathematics and Computer Science		O	O	O	O	E	P			E
G408	GN34	Financial Computing		O	O	O	O	E	P			E
G408	GG16	Mathematics and Computer Science with a Year in Industry (4 yrs)		O	O	O	O	E	P			E
G408	G3N4	Financial Computing with a Year in Industry (4 yrs)		O	O	O	O	E	P			E
G408	G610	Computer Science with Software Development		O	O	O	O	E	P			E
G408	G611	Computer Science with Software Development with a Year in Industry (4 yrs)		O	O	O	O	E	P			E
H109	3D52	Industrial Design			E			E	E			
H109	H100	Engineering			E			E	E			
H109	H200	Civil Engineering			E			E	E			
H109	HK26	Architectural Engineering			E			E	E			
H109	H300	Mechanical Engineering			E			E	E			
H109	H401	Aerospace Engineering with Pilot Studies			E			E	E			
H109	H425	Aerospace Engineering			E			E	E			
H109	H430	Avionic Systems			E			E	E			
H109	H603	Electrical and Electronic Engineering			E			E	E			
H109	H605	Electrical and Electronic Engineering with a Year in Industry (4 yrs)			E			E	E			
H109	HG6L	Computer Science and Elec. Eng. with a Year in Industry (4 yrs)			E			E	E			
H109	HH66	Computer Science and Electronic Engineering			E			E	E			
H109	HH67	Mechatronics and Robotic Systems			E			E	E			
H109	HHP7	Mechatronics and Robotic Systems with a Year in Industry (4 yrs)			E			E	E			

\*Please contact [degree@carmel.ac.uk](mailto:degree@carmel.ac.uk) if you wish to discuss progression on to one of these cross-faculty degree choices.

# Progression Tables

			MODULES TO BE STUDIED									
Year 0	Year 1	FINAL DEGREE TITLE	Credits:	Chem	Phys	Biol	Geog	Maths	Add Maths	Half Maths	Biol Apps	Comp
C108	B120	Human Physiology		40	40	40	40	40	40	20	20	40
C108	B210	Pharmacology		50%		50%						
C108	C100	Biological Sciences (deferred choice)				50%						
C108	C111	Tropical Disease Biology				50%						
C108	C130	Biological and Medical Sciences		50%		50%						
C108	C160	Marine Biology				50%						
C108	C1F7	Marine Biology with Oceanography				50%						
C108	C300	Zoology				50%						
C108	C400	Genetics				50%						
C108	C500	Microbiology				50%						
C108	C700	Biochemistry		50%		50%						
C108	D900	Bioveterinary Science				50%						
F108	F100	Chemistry		50%								
F108	F111	Chemistry with a Year in Industry		50%								
F108	F1B2	Medicinal Chemistry		50%								
F108	F700	Ocean Sciences (Chemistry Pathway)		50%								
F308	F300	Physics			50%							
F308	F350	Physics with Medical Applications			50%							
F308	F352	Physics for New Technology			50%							
F308	F390	Physics with Nuclear Science			50%							
F308	F3F5	Physics with Astronomy			50%							
F308	F640	Geophysics (Geology)			50%							
F308	F656	Geophysics (Physics)			50%							
F308	F700	Ocean Sciences (Physics Pathway)			50%							
F308	FG31	Physics and Mathematics			50%			60%	60%			
F608	F600	Geology						50%				
F608	F640	Geophysics (Geology)			50%							
F608	F656	Geophysics (Physics)			50%							
F608	F6F8	Geology and Physical Geography					50%					
F608	F700	Ocean Sciences (Physics Pathway)			50%							
F608	F700	Ocean Sciences (Chemistry Pathway)		50%								
F608	FF78	Geography and Oceanography					50%					
F608	G1F7	Mathematics with Ocean and Climate Sciences						50%				
F808	F6F8	Geology and Physical Geography					50%					
F808	L700	Geography (BA)					50%					
F808	F750	Environmental Sciences					50%					
F808	F800	Geography (BSc)					50%					
F808	FF78	Geography and Oceanography					50%					
F808	K430	Urban Regeneration and Planning					50%					
F808	K4L7	Environment and Planning					50%					
F808	L7K4	Geography and Planning					50%					
G108	G100	Mathematics						60%	60%			
G108	G1F7	Mathematics with Ocean and Climate Sciences						50%				
G108	G1N3	Mathematics with Finance						60%	60%			
G108	GG13	Mathematics and Statistics						60%	60%			
G108	GG14	Mathematics and Computer Science						60%	60%			
G108	GL11	Economics and Mathematics*						60%	60%			
G108	GN11	Mathematics with Business Studies*						60%	60%			
G108	G19R	Mathematics with Languages (Advanced level requires relevant language A level at grade B. No language required for beginners level)						60%	60%			
G108	GV15	Mathematics and Philosophy*						60%	60%			
G108	NG31	Actuarial Mathematics						60%	60%			
G108	FG31	Physics and Mathematics			50%			60%	60%			

## Progression Tables *(continued)*

Year 0	Year 1	FINAL DEGREE TITLE	Credits:	MODULES TO BE STUDIED									
				Chem	Phys	Biol	Geog	Maths	Add Maths	Half Maths	Biol Apps	Comp	
G408	G400	Computer Science		40	40	40	40	40	40	20	20	40	50%
G408	G403	Computer Science with a Year in Industry (4 yrs)											50%
G408	GG14	Mathematics and Computer Science											50%
G408	GG16	Mathematics and Computer Science with a Year in Industry (4 yrs)											50%
G408	GN34	Financial Computing											50%
G408	G3N4	Financial Computing with a Year in Industry (4 yrs)											50%
G408	G610	Computer Science with Software Development											50%
G408	G611	Computer Science with Software Development with a Year in Industry (4 yrs)											50%
H109	3D52	Industrial Design											50%
H109	H100	Engineering											50%
H109	H200	Civil Engineering											50%
H109	HK26	Architectural Engineering											50%
H109	H300	Mechanical Engineering											50%
H109	H401	Aerospace Engineering with Pilot Studies											50%
H109	H425	Aerospace Engineering											50%
H109	H430	Avionic Systems											50%
H109	H603	Electrical and Electronic Engineering											50%
H109	H605	Electrical and Electronic Engineering with a Year in Industry (4 yrs)											50%
H109	HG6L	Computer Science and Elec. Eng. with a Year in Industry (4 yrs)											50%
H109	HH66	Computer Science and Electronic Engineering											50%
H109	HH67	Mechatronics and Robotic Systems											50%
H109	HHP7	Mechatronics and Robotic Systems with a Year in Industry (4 yrs)											50%

For programmes other than G108, all students must score an average of 50% overall with no module score of less than 40%. In addition the subject specific requirements for listed courses apply.

For G108 progression, students must score 60% in the Maths and Additional Maths modules.

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