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 should be used to help you decide which optional modules to take during your Foundation year. For some programmes the modules are fixed (e.g. H109 Engineering).
Other programmes have a selection of essential, preferred (the University would prefer you to take this module for your chosen progression), or optional modules. Please ensure you have selected the appropriate modules for your chosen degree progression.

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

Course Selection Chart

			MODULES TO BE STUDIED								
			Chem	Phys	Biol	Geog	Maths	Add Maths	Maths for Biol	Biol Apps	Comp
Year 0	Year 1	**FINAL DEGREE TITLE** Credits:	**40**	**40**	**40**	**40**	**40**	**40**	**20**	**20**	**40**
C108	B210	Pharmacology	E		E				E	E	
C108	B110	Anatomy and Human Biology*	E		E				E	E	
C108	C100	Biological Sciences (deferred choice)	P		E	O			E	E	
C108	C130	Biomedical Sciences	E		E				E	E	
C108	C160	Marine Biology	P		E	O			E	E	
C108	C1F7	Marine Biology with Oceanography	P		E	O			E	E	
C108	C300	Zoology	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	E	O	O	O	E	O			
F308	F300	Physics	O	E	O	O	E	P			
F308	F350	Physics with Medical Applications	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	F700	Ocean Sciences	O	E	O	O	E	O			
F308	FG31	Physics and Mathematics		E			E	E			
F608	F700	Ocean Sciences	O	O	O	O	E	O			
F608	G1F7	Mathematics with Ocean and Climate Sciences	P	P	O	O	E	E			
F608	FF78	Geography and Oceanography	O	O	O	E	O				
F608	F6F8	Geology with Physical Geography	P	O	O	E	P				
F608	F600	Geology	O	O	O	O	E				
F608	F750	Environmental Science	O	O	O	P	P	O			
F608	F764	Climate Science	O	O	O	O	E				
F608	F7F6	Environmental Geoscience	P	O	O	O	E				
F608	C160	Marine Biology	P		E	O			E	E	
F608	C1F7	Marine Biology with Oceanography	P		E	O			E	E	
F808	F6F8	Geology with Physical Geography	P	O	O	E	P				
F808	FF78	Geography and Oceanography	O	O	O	E	O				
F808	L700	Geography	O	O	O	E	O				
F808	F800	Geography	O	O	O	E	P				
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.

* This programme has a limited number of Year 1 places available due to lab capacity. Students progressing from the Foundation Programme are required to pass at the first sitting (January/May) in order to be guaranteed progression onto this programme at Year 1. Students requiring resits in the summer resit period may still be permitted to progress but this is subject to available capacity.

Course Selection Chart (continued)

				MODULES TO BE STUDIED								
				Chem	Phys	Biol	Geog	Maths	Add Maths	Maths for Biol	Biol Apps	Comp
Year 0	Year 1	**FINAL DEGREE TITLE**	Credits:	**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	E			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						E	E			E
G108	GL11	Mathematics and Economics		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						E	E			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)						E	E			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	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	HW24	Product Design Engineering			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			

Key to the table:

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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.

Progression Tables

			MODULES TO BE STUDIED								
			Chem	Phys	Biol	Geog	Maths	Add Maths	Maths for Biol	Biol Apps	Comp
Year 0	Year 1	**FINAL DEGREE TITLE** Credits:	**40**	**40**	**40**	**40**	**40**	**40**	**20**	**20**	**40**
C108	B210	Pharmacology	50%		50%						
C108	B110	Anatomy and Human Biology*			50%						
C108	C100	Biological Sciences (deferred choice)			50%						
C108	C130	Biomedical Sciences	50%		50%						
C108	C160	Marine Biology			50%						
C108	C1F7	Marine Biology with Oceanography			50%						
C108	C300	Zoology			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	50%								
F308	F300	Physics		50%							
F308	F350	Physics with Medical Applications		50%							
F308	F390	Physics with Nuclear Science		50%							
F308	F3F5	Physics with Astronomy		50%							
F308	F700	Ocean Sciences		50%							
F308	FG31	Physics and Mathematics		50%			60%	60%			
F608	F700	Ocean Sciences	At least one Subject at 50% (both semesters)								
F608	G1F7	Mathematics with Ocean and Climate Sciences					60%	60%			
F608	FF78	Geography and Oceanography				50%					
F608	F6F8	Geology with Physical Geography	At least one Subject at 50% (both semesters)								
F608	F600	Geology	At least one Subject at 50% (both semesters)								
F608	F750	Environmental Sciences	At least one Subject at 50% (both semesters)								
F608	F764	Climate Science	At least one Subject at 50% (both semesters)								
F608	F7F6	Environmental Geoscience	At least one Subject at 50% (both semesters)								
F608	C160	Marine Biology			50%						
F608	C1F7	Marine Biology with Oceanography			50%						
F808	F6F8	Geology with Physical Geography	At least one Subject at 50% (both semesters)								
F808	FF78	Geography and Oceanography				50%					
F808	L700	Geography				50%					
F808	F800	Geography				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					60%	60%			
G108	G1N3	Mathematics with Finance					60%	60%			
G108	GG13	Mathematics and Statistics					60%	60%			
G108	GG14	Mathematics and Computer Science					60%	60%			
G108	GL11	Mathematics and Economics					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%			

* B110 has a limited number of Year 1 places available due to lab capacity. Students progressing from the Foundation Programme are required to pass at the first sitting (January/May) to be guaranteed progression onto this programme at Year 1. Students requiring summer resits may still be permitted to progress but this is subject to available capacity.

Progression Tables (continued)

			MODULES TO BE STUDIED								
			Chem	Phys	Biol	Geog	Maths	Add Maths	Maths for Biol	Biol Apps	Comp
Year 0	Year 1	**FINAL DEGREE TITLE** Credits:	**40**	**40**	**40**	**40**	**40**	**40**	**20**	**20**	**40**
G408	G400	Computer Science					50%				
G408	G403	Computer Science with a Year in Industry (4 yrs)					50%				
G408	GG14	Mathematics and Computer Science					60%	60%			
G408	GG16	Mathematics and Computer Science with a Year in Industry (4 yrs)					60%	60%			
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	H200	Civil Engineering		50%			50%	50%			
H109	HK26	Architectural Engineering		50%			50%	50%			
H109	H300	Mechanical Engineering		50%			50%	50%			
H109	H401	Aerospace Engineering with Pilot Studies		50%			50%	50%			
H109	H425	Aerospace Engineering		50%			50%	50%			
H109	HW24	Product Design Engineering		50%			50%	50%			
H109	H603	Electrical and Electronic Engineering		50%			50%				
H109	H605	Electrical and Electronic Engineering with a Year in Industry (4 yrs)		50%			50%				
H109	HG6L	Computer Science and Elec. Eng. with a Year in Industry (4 yrs)		50%			50%				
H109	HH66	Computer Science and Electronic Engineering		50%			50%				
H109	HH67	Mechatronics and Robotic Systems		50%			50%				
H109	HHP7	Mechatronics and Robotic Systems with a Year in Industry (4 yrs)		50%			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.