Science and Engineering Foundation Progression and Diet 2024

Programme	Progression requirements	Module diet
BSc Biological Sciences with Foundation.	For progression onto Biology, Biochemistry, Medical Genetics or Zoology:	Year Long Modules
CCX2, USEF-QM4BIO1,USBLS	- Pass 105 credits including SEF030 Communication in Science and Technology, SEF045 Foundations of Biological Science and SEF040	SEF042 Science and Engineering Success (Compulsory)
,	Mathematics A.	SEF043 Foundations of Chemical Science (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF044 Foundations of Physical Sciences (Compulsory)
	- Achieve at least 60% in SEF043 Foundations of Biological Science and 50% in SEF040 Mathematics A	SEF045 Foundations of Biological Science (Core)
		SEF046 Foundations of Engineering (Compulsory)
	For progression onto Biomedical Sciences, Psychology, Neuroscience or Pharmacology and Innovative Therapeutics:	SEF040 Mathematics A (Compulsory)
	- Pass 105 credits including SEF030 Communication in Science and Technology, SEF045 Foundations of Biological Science and SEF040	
	Mathematics A.	Semester 1
	- Achieve an overall mean average of 60% across all modules.	SEF030 Communication in Science & Technology (Core)
	- Achieve at least 60% in SEF043 Foundations of Biological Science and 50% in SEF040 Mathematics A	
International Science and Engineering Foundation Programme	For progression anto Diology, Diochomisto, Medical Constict or Zeology	Very Long Mediules
International Science and Engineering Foundation Programme	For progression onto Biology, Biochemistry, Medical Genetics or Zoology:	Year Long Modules
(Biological Sciences),	- Pass 105 credits including SEF030 Communication in Science and Technology (if taken), SEF045 Foundations of Biological Science and either	SEF042 Science and Engineering Success (Compulsory)
FGH2, UCFF-QMSEFP1, USBLS	SEF040 Mathematics A.	SEF043 Foundations of Chemical Science (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF044 Foundations of Physical Sciences (Compulsory)
	- Achieve at least 60% in SEF043 Foundations of Biological Science and 50% in SEF040 Mathematics A	SEF045 Foundations of Biological Science (Core)
	English and Park Market and Pa	SEF046 Foundations of Engineering (Compulsory)
	For progression onto Biomedical Sciences, Psychology, Neuroscience or Pharmacology and Innovative Therapeutics:	SEF040 Mathematics A (Compulsory)
	- Pass 105 credits including SEF030 Communication in Science and Technology (if taken), SEF045 Foundations of Biological Science and either	
	SEF040 Mathematics A.	Semester 1
	- Achieve an overall mean average of 60% across all modules.	SEF030 Communication in Science & Technology (Core)
	- Achieve at least 60% in SEF043 Foundations of Biological Science and 50% in SEF040 Mathematics A	
BSc Chemical Sciences with Foundation,	Progression requirements	Year Long Modules
FFX2, USEF-QM4CHE1, USCHE	Chemistry, Pharmaceutical Chemistry:	SEF042 Science and Engineering Success (Compulsory)
	- Pass 105 credits including SEF030 Communication in Science and Technology, SEF043 Foundations of Chemical Science and either SEF040	SEF043 Foundations of Chemical Science (Core)
	Mathematics A.	SEF044 Foundations of Physical Sciences (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF045 Foundations of Biological Science (Compulsory)
	- Achieve at least 60% in SEF043 Foundations of Chemical Science and 50% in SEF040 Mathematics A	SEF046 Foundations of Engineering (Compulsory)
	Activities of the state of the	SEF040 Mathematics A (Compulsory)
		Semester 1
		SEF030 Communication in Science & Technology (Core)
International Science and Engineering Foundation Programme	Progression requirements	SEF042 Science and Engineering Success (Compulsory)
(Chemical Sciences),	Chemistry, Pharmaceutical Chemistry:	SEF043 Foundations of Chemical Science (Core)
FGH3, UCFF-QMSEFP1, USCHE	- Pass 105 credits including SEF030 Communication in Science and Technology (if taken), SEF043 Foundations of Chemical Science and SEF040	SEF044 Foundations of Physical Sciences (Compulsory)
	Mathematics A.	SEF045 Foundations of Biological Science (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF046 Foundations of Engineering (Compulsory)
	- Achieve at least 60% in SEF043 Foundations of Chemical Science and 50% in SEF040 Mathematics A	SEF040 Mathematics A (Compulsory)
		Semester 1
		SEF030 Communication in Science & Technology (Core)
BSc Physics with Foundation,	Progression Requirements	Year Long Modules
FFXO, USEF-QM4PHY1, USPHY		SEF041 Mathematics B (Compulsory)
	Physics, Astrophysics: - Pass 105 credits including SEF030 Communication in Science and Technology, SEF044 Foundations of Physical Science and SEF041 Mathematic	
	r rass 100 creats including scroso communication in science and reciniology, scro44 roundations of Physical science and Scro41 Mathematic	SEF042 Science and Engineering Success (Compulsory) SEF043 Foundations of Chemical Science (Compulsory)
	Achieve an everall mean average of EOV across all modules	, , , , , , , , , , , , , , , , , , , ,
	- Achieve an overall mean average of 50% across all modules.	SEF044 Foundations of Physical Sciences (Core)
	- Achieve at least 60% in SEF044 Foundations of Physical Science and 50% in SEF041 Mathematics B.	SEF046 Foundations of Engineering (Compulsory)
		Semester 1
		SEF030 Communication in Science & Technology (Core)
		Semester 2
		SEF047 Further Mathematics (Compulsory)

International Science and Engineering Foundation Programme (Physics)	Progression Requirements Physics, Astrophysics:	Year Long Modules SEF041 Mathematics B (Compulsory)
FGH5, UCFF-QMSEFP1, USPHY	- Pass 105 credits including SEF030 Communication in Science and Technology (if taken), SEF044 Foundations of Physical Science and SEF041	SEF042 Science and Engineering Success (Compulsory)
	Mathematics B.	SEF043 Foundations of Chemical Science (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF044 Foundations of Physical Sciences (Core)
	- Achieve at least 60% in SEF044 Foundations of Physical Science and 50% in SEF041 Mathematics B.	SEF046 Foundations of Engineering (Compulsory)
		Semester 1
		SEF030 Communication in Science & Technology (Core)
		ozi oso communication in oscinica di resimology (core)
		Semester 2
		SEF047 Further Mathematics (Compulsory)
BSc Mathematics with Foundation,	Progression Requirements	Year Long Modules
GGX2, SEF-QM4MTH1, USMAS	Mathematics, Mathematics and Statistics, Actuarial Science, Mathematics with Finance and Accounting:	SEF041 Mathematics B (Compulsory)
CONE, SEL QUINNITE, COMPAS	- Pass 105 credits including SEF030 Communication in Science and Technology, SEF047 Further Mathematics and SEF041 Mathematics B.	SEF042 Science and Engineering Success (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF043 Foundations of Chemical Science (Compulsory)
	- Achieve at least 55% in SEF047 Further Mathematics and 60% in SEF041 Mathematics B.	SEF044 Foundations of Physical Sciences (Compulsory)
		SEF046 Foundations of Engineering (Compulsory)
		Semester 1
		SEF030 Communication in Science & Technology (Core)
		Semester 2
		SEF047 Further Mathematics (Core)
International Science Engineering Foundation Programme	Progression Requirements	Year Long Modules
(Mathematics),	Mathematics, Mathematics and Statistics, Actuarial Science, Mathematics with Finance and Accounting:	SEF041 Mathematics B (Compulsory)
FGH4, UCFF-QMSEFP1, USMAS	- Pass 105 credits including SEF030 Communication in Science and Technology (if taken), SEF047 Further Mathematics and SEF041 Mathematics	
	В.	SEF043 Foundations of Chemical Science (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF044 Foundations of Physical Sciences (Compulsory)
	- Achieve at least 55% in SEF047 Further Mathematics and 60% in SEF041 Mathematics B.	SEF046 Foundations of Engineering (Compulsory)
		Semester 1
		SEF030 Communication in Science & Technology (Core)
		Semester 2
		SEF047 Further Mathematics (Core)
BEng Engineering with Foundation,	For progression onto Biomedical, Chemical, Robotics or Sustainable Energy Engineering:	Year Long Modules
HHX3, USEF-QM4ENG1, USENG	- Pass 105 credits including SEF030 Communication in Science and Technology, SEF046 Foundations of Engineering and SEF041 Mathematics B.	SEF041 Mathematics B (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF042 Science and Engineering Success (Compulsory)
	- Achieve at least 50% in SEF046 Foundations of Engineering and 55% in SEF041 Mathematics B.	SEF043 Foundations of Chemical Science (Compulsory)
		SEF044 Foundations of Physical Sciences (Compulsory)
	For progression onto Aerospace or Mechanical Engineering:	SEF046 Foundations of Engineering (Core)
	- Pass 105 credits including SEF030 Communication in Science and Technology, SEF046 Foundations of Engineering and SEF041 Mathematics B.	Someonius 1
	- Achieve an overall mean average of 60% across all modules.	Semester 1
	- Achieve at least 60% in SEF046 Foundations of Engineering and 60% in SEF041 Mathematics B.	SEF030 Communication in Science & Technology (Core)
		Semester 2
		SEF047 Further Mathematics (Compulsory)
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International Science Engineering Foundation Programme	For progression onto Biomedical, Chemical, Robotics or Sustainable Energy Engineering:	Year Long Modules
(Engineering),	- Pass 105 credits including SEF030 Communication in Science and Technology (if taken), SEF046 Foundations of Engineering and SEF041	SEF041 Mathematics B (Compulsory)
FGH6, UCFF-QMSEFP1, USENG	Mathematics B.	SEF042 Science and Engineering Success (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF043 Foundations of Chemical Science (Compulsory)
	- Achieve at least 50% in SEF046 Foundations of Engineering and 55% in SEF041 Mathematics B.	SEF044 Foundations of Physical Sciences (Compulsory)
		SEF046 Foundations of Engineering (Core)
	For progression onto Aerospace or Mechanical Engineering:	
	- Pass 105 credits including SEF030 Communication in Science and Technology (if taken), SEF046 Foundations of Engineering and SEF041	Semester 1
	Mathematics B.	SEF030 Communication in Science & Technology (Core)
	- Achieve an overall mean average of 60% across all modules.	
	- Achieve at least 60% in SEF046 Foundations of Engineering and 60% in SEF041 Mathematics B.	Semester 2
		SEF047 Further Mathematics (Compulsory)
BEng Materials Science with Foundation,	Progression Requirements:	Year Long Modules
JJX3, USEF-QM4MTL1, USMTS	- Pass 105 credits including SEF030 Communication in Science and Technology, SEF046 Foundations of Engineering and SEF041 Mathematics B.	SEF041 Mathematics B (Compulsory)
,	- Achieve an overall mean average of 50% across all modules.	SEF042 Science and Engineering Success (Compulsory)
	- Achieve at least 50% in SEF046 Foundations of Engineering and 55% in SEF041 Mathematics B.	SEF043 Foundations of Chemical Science (Compulsory)
	Achieve at least 50% in 521 040 Foundations of Engineering and 55% in 521 041 Mathematics b.	SEF044 Foundations of Physical Sciences (Compulsory)
		SEF046 Foundations of Engineering (Core)
		SEPO46 Foundations of Engineering (Core)
		Semester 1
		SEF030 Communication in Science & Technology (Core)
		Semester 2
		SEF047 Further Mathematics (Compulsory)
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International Science Engineering Foundation Programme	Progression Requirements:	Year Long Modules
(Materials Science),	- Pass 105 credits including SEF030 Communication in Science and Technology (if taken), SEF046 Foundations of Engineering and SEF041	SEF041 Mathematics B (Compulsory)
FGH7, UCFF-QMSEFP1, USMTS	Mathematics B.	SEF042 Science and Engineering Success (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF043 Foundations of Chemical Science (Compulsory)
	- Achieve at least 50% in SEF046 Foundations of Engineering and 55% in SEF041 Mathematics B.	SEF044 Foundations of Physical Sciences (Compulsory)
		SEF046 Foundations of Engineering (Core)
		Semester 1
		SEF030 Communication in Science & Technology (Core) or
		Semester 2
		SEF047 Further Mathematics (Compulsory)
		3Er 047 Further Mathematics (Compulsory)
BEng Electronic Engineering with Foundation,	Progression Requirements	Year Long Modules
HHXO, USEF-QM4ELE1, USELE	Electronic Engineering, Electrical and Electronic Engineering, Computer Systems Engineering and Robotics Engineering:	SEF041 Mathematics B (Compulsory)
	- Pass 105 credits including SEF030 Communication in Science and Technology, SEF046 Foundations of Engineering and SEF041 Mathematics B.	SEF042 Science and Engineering Success (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF043 Foundations of Chemical Science (Compulsory)
	- Achieve at least 50% in SEF046 Foundations of Engineering and 55% in SEF041 Mathematics B.	SEF044 Foundations of Physical Sciences (Compulsory)
		SEF046 Foundations of Engineering (Core)
		Semester 1
		SEF030 Communication in Science & Technology (Core)
		Semester 2
		SEF047 Further Mathematics (Compulsory)
		JEI 047 I di diei Madiematics (compuisory)

International Science and Engineering Foundation Programme	Progression Requirements:	Year Long Modules
(Electronic Engineering),	Electronic Engineering, Electrical and Electronic Engineering, Computer Systems Engineering and Robotics Engineering:	SEF041 Mathematics B (Compulsory)
FGH9, UCFF-QMSEFP1, USELE	- Pass 105 credits including SEF030 Communication in Science and Technology (if taken), SEF046 Foundations of Engineering and SEF041	SEF042 Science and Engineering Success (Compulsory)
	Mathematics B.	SEF043 Foundations of Chemical Science (Compulsory)
	- Achieve an overall mean average of 50% across all modules.	SEF044 Foundations of Physical Sciences (Compulsory)
	- Achieve at least 50% in SEF046 Foundations of Engineering and 55% in SEF041 Mathematics B.	SEF046 Foundations of Engineering (Core)
	Global Engagement Office Agreement for progresson onto Computer Science	Semester 1 SEF030 Communication in Science & Technology (Core)
	Computer Science, Computer Science and AI, Computer Science and Management:	Semester 2
	- Pass 105 credits including SEF030 Communication in Science and Technology and SEF041 Mathematics B.	SEF047 Further Mathematics (Compulsory)
	- Achieve an overall mean average of 65% across all modules.	
	- Achieve at least 65% in SEF041 Mathematics B.	
	Computer Science and Mathematics:	
	- Pass 105 credits including SEF030 Communication in Science and Technology and SEF041 Mathematics B.	
	- Achieve an overall mean average of 65% across all modules.	
	- Achieve at least 70% in SEF041 Mathematics B.	