SPECIFIED PROGRESSION PATTERNS

1 Students in BME who have Level 2 or above in HKDSE Physics/Combined Science with Physics:

Yea	·	
Semester 1 (16 credits OR 19 credits†)	Semester 2 (18.5 credits)	
BME11108 Biomedical Engir	L · · · · · · · · · · · · · · · · · · ·	
ABCT1700 Introduction to Chemistry (3 credits)	ABCT1741 General Chemistry I (3 credits)	
† Refer to the note at the bottom	† Refer to the note at the bottom	
ABCT2331 Human Biology for Biomedical Engineering I	ABCT2332 Human Biology for Biomedical Engineering	
(3 credits)	II (3 credits)	
AMA1110 Basic Mathematics I – Calculus, Probability,	AMA1120 Basic Mathematics II – Calculus and Linear	
and Statistics (3 credits)	Algebra (3 credits)	
AP10005 Physics I (3 credits)	AP10006 Physics II (3 credits)	
ENG1003 Freshman Seminar for Engineering (3 credits)	LCR II: English (3 credits)	
LCR I: English (3 credits)	IC2135 Material Processing and Technical Communication (2.5 credits)	
Healthy Lifesty	yle (0 credits)	
Summer Term: IC2135 Material Processing	and Technical Communication (2.5 credits)	
Yea	r 2	
Semester 1 (16.5 credits)	Semester 2 (16.5 credits)	
BME21111 Biomedical Engineering Re	search and Design Studies I (3 credits)	
ELC3523 Scientific Writing for Biomedical Engineering Students (2 credits)		
AMA2511 Applied Mathematics I (2 credits)	AMA2512 Applied Mathematics II (2 credits)	
APSS1L01 Tomorrow's Leader (3 credits) OR	BME21119 Fundamentals of Biomechanics (3 credits)	
MM1L01 Tango! Managing Self & Leading Others (3 credits) ‡ Refer to the note at the bottom		
BME21120 Fundamentals of Biomedical Instrumentation I (3 credits)	BME31121 Fundamentals of Biomedical Instrumentation II (3 credits)	
ENG2002 Computer Programming (3 credits)	CAR I (3 credits) (with CR/CW)	
LCR III: Chinese (3 credits)	Service-Learning (3 credits)	
Yea	r 3	
Semester 1 (16.5 credits)	Semester 2 (16.5 credits)	
BME31139 Biomedical Engineering Resea	arch and Design Studies II (3 credits)	
BME31114 Biomedical Instrumentation and Sensors (3 credits)	BME31103 Applied Electrophysiology (3 credits)	
BME31116 Biosignal Processing (3 credits)	BME31134 Rehabilitation Engineering and Assistive Technology (3 credits)	
BME31125 Biomechanics (3 credits)	BME Elective III (3 credits)	
BME Elective I (3 credits)	BME Elective IV (3 credits)	
BME Elective II (3 credits)	CAR II (3 credits) (with ER/EW)	
Summer Term: BME31210 Biomedical Engineering Industrial Internship (4 credits)		
Year 4		
Semester 1 (11 credits)	Semester 2 (12 credits)	
BME41118 Capston	e Project (6 credits)	
BME Elective V (3 credits)	BME41141 Medical Technology Management and Regulation (3 credits)	
CLC3241P Professional Communication in Chinese (2 credits)	BME Elective VI (3 credits)	
CAR III (3 credits)	CAR IV (3 credits)	

Total Number of Credits: 121 Academic + 5 IC Training + 4 WIE Training

[†] Students who do not have Level 2 or above in HKDSE Chemistry take ABCT1700 Introduction to Chemistry (also highly recommended to take ABCT1741 General Chemistry I) and students who have Level 2 or above in HKDSE Chemistry take ABCT1741 General Chemistry I

[‡] Students can choose either APSS1L01 or MM1L01 to fulfill University's Graduation Requirements (APSS1L01 is preassigned by default)

2. Students in BME who do not have Level 2 or above in HKDSE Physics/Combine Science with Physics:

2. Students in BME who do not have Level 2 or above in HKDSE . Ye	ar 1	
Semester 1 (16 credits OR 19 credits†)	Semester 2 (18.5 credits)	
BME11108 Biomedical Engine	1 1	
ABCT1700 Introduction to Chemistry (3 credits)	ABCT1741 General Chemistry I (3 credits)	
† Refer to the note at the bottom	† Refer to the note at the bottom	
ABCT2331 Human Biology for Biomedical Engineering I	ABCT2332 Human Biology for Biomedical Engineering II	
(3 credits)	(3 credits)	
AMA1110 Basic Mathematics I – Calculus, Probability,	AMA1120 Basic Mathematics II – Calculus and Linear	
and Statistics (3 credits)	Algebra (3 credits)	
AP10001 Introduction to Physics (3 credits)	AP10006 Physics II (3 credits)	
ENG1003 Freshman Seminar for Engineering (3 credits)	LCR II: English (3 credits)	
LCR I: English (3 credits)	IC2135 Material Processing and Technical Communication	
TT 1d T'C	(2.5 credits)	
· · · · · · · · · · · · · · · · · · ·	tyle (0 credits)	
	g and Technical Communication (2.5 credits)	
	ar 2	
Semester 1 (16.5 credits)	Semester 2 (16.5 credits)	
BME21111 Biomedical Engineering Research and Design Studies I (3 credits)		
ELC3523 Scientific Writing for Biom	edical Engineering Students (2 credits)	
AMA2511 Applied Mathematics I (2 credits)	APSS1L01 Tomorrow's Leader (3 credits) OR	
	MM1L01 Tango! Managing Self & Leading Others (3 credits)	
AP10005 Physics I (3 credits)	‡ Refer to the note at the bottom AMA2512 Applied Methamatics II (2 anality)	
BME21120 Fundamentals of Biomedical Instrumentation I	AMA2512 Applied Mathematics II (2 credits) BME21119 Fundamentals of Biomechanics (3 credits)	
(3 credits)	BIVIE 21119 Fundamentals of Biomechanics (5 cledits)	
ENG2002 Computer Programming (3 credits)	BME31121 Fundamentals of Biomedical Instrumentation II	
E1702002 computer Frogramming (3 credits)	(3 credits)	
LCR III: Chinese (3 credits)	Service-Learning (3 credits)	
Ye	ar 3	
Semester 1 (16.5 credits)	Semester 2 (16.5 credits)	
	esearch and Design Studies II (3 credits)	
BME31114 Biomedical Instrumentation and Sensors	BME31103 Applied Electrophysiology (3 credits)	
(3 credits)	II	
BME31116 Biosignal Processing (3 credits)	BME31134 Rehabilitation Engineering and Assistive	
	Technology (3 credits)	
BME31125 Biomechanics (3 credits)	BME Elective III (3 credits)	
BME Elective I (3 credits)	BME Elective IV (3 credits)	
BME Elective II (3 credits)	CAR I (3 credits) (with CR/CW)	
Summer Term: BME31210 Biomedical Engineering Industrial Internship (4 credits)		
	ar 4	
Semester 1 (14 credits)	Semester 2 (12 credits)	
BME41118 Capstone Project (6 credits)		
BME Elective V (3 credits)	BME41141 Medical Technology Management and Regulation (3 credits)	
CLC3241P Professional Communication in Chinese (2 credits)	BME Elective VI (3 credits)	
CAR II (3 credits) (with ER/EW)	CAR IV (3 credits)	
CAR III (3 credits)		

Total Number of Credits: 124 Academic + 5 IC Training + 4 WIE Training

[†] Students who do not have Level 2 or above in HKDSE Chemistry take ABCT1700 Introduction to Chemistry (also highly recommended to take ABCT1741 General Chemistry I) and students who have Level 2 or above in HKDSE Chemistry take ABCT1741 General Chemistry I

[‡] Students can choose either APSS1L01 or MM1L01 to fulfill University's Graduation Requirements (APSS1L01 is preassigned by default)

3. Students in BME with P&O who have Level 2 or above in HKDSE Physics/Combined Science with Physics:

Yea	
Semester 1 (16 credits OR 19 credits†)	Semester 2 (18.5 credits)
BME11108 Biomedical Engir	
ABCT1700 Introduction to Chemistry (3 credits)	ABCT1741 General Chemistry I (3 credits)
† Refer to the note at the bottom	† Refer to the note at the bottom
ABCT2331 Human Biology for Biomedical Engineering I (3 credits)	ABCT2332 Human Biology for Biomedical Engineering II (3 credits)
AMA1110 Basic Mathematics I – Calculus, Probability,	AMA1120 Basic Mathematics II – Calculus and Linear
and Statistics (3 credits)	Algebra (3 credits)
AP10005 Physics I (3 credits)	AP10006 Physics II (3 credits)
ENG1003 Freshman Seminar for Engineering (3 credits)	LCR II: English (3 credits)
LCR I: English (3 credits)	IC2135 Material Processing and Technical Communication (2.5 credits)
Healthy Lifesty	
Summer Term: IC2135 Material Processing	
Š	
Yea	
Semester 1 (16.5 credits)	Semester 2 (16.5 credits)
BME21111 Biomedical Engineering Re	
ELC3523 Scientific Writing for Biomedical Engineering Students (2 credits)	
AMA2511 Applied Mathematics I (2 credits)	AMA2512 Applied Mathematics II (2 credits)
APSS1L01 Tomorrow's Leader (3 credits) OR	BME21119 Fundamentals of Biomechanics (3 credits)
MM1L01 Tango! Managing Self & Leading Others (3 credits)	(
‡ Refer to the note at the bottom	
BME21120 Fundamentals of Biomedical Instrumentation I	BME31121 Fundamentals of Biomedical Instrumentation II
(3 credits)	(3 credits)
ENG2002 Computer Programming (3 credits)	CAR I (3 credits) (with CR/CW)
LCR III: Chinese (3 credits)	Service-Learning (3 credits)
Yea	r 3
Semester 1 (16.5 credits)	Semester 2 (16.5 credits)
BME31139 Biomedical Engineering Res	search and Design Studies II (3 credits)
BME31114 Biomedical Instrumentation and Sensors	BME31103 Applied Electrophysiology (3 credits)
(3 credits)	bivilist 103 Applied Electrophysiology (3 cicuits)
BME31116 Biosignal Processing (3 credits)	BME31134 Rehabilitation Engineering and Assistive
DIVILSTITO Diosignal Processing (5 credits)	Technology (3 credits)
BME31125 Biomechanics (3 credits)	BME Elective II (3 credits)
DWL51125 Diomechanics (5 credits)	BME 2101 Above-Knee Prosthetics
BME Elective I (3 credits)	BME Elective III (3 credits)
BME32104 Below-Knee Prosthetics	BME 2137 Upper Limb Prosthetics
CAR II (3 credits) (with ER/EW)	CAR III (3 credits)
Summer Term: BME31206 Biomedical En	
Yea	
Semester 1 (14 credits)	Semester 2 (12 credits)
BME41118 Capston	e Project (6 credits)
BME Elective IV (3 credits)	BME41141 Medical Technology Management and
BME32131 Pedorthics, Foot, and Ankle-Foot Orthotics	Regulation (3 credits)
BME Elective V (3 credits)	BME Elective VI (3 credits)
BME32136 Upper Limb Orthotics	BME42124 Knee and Above-Knee Orthotics
CLC3241P Professional Communication in Chinese (2 credits)	BME Elective VII (3 credits)
, ,	BME42135 Spinal Orthotics
CAR IV (3 credits)	•
Summer Term: BME41207 Biomedical Engineering Clinical Attachment II (4 credits)	
Summer Terms Birl 1207 Bioliculea Engineering Chineal Attachincit II (4 cicula)	

Total Number of Credits: 124 Academic + 5 IC Training + 8 WIE Training

[†] Students who do not have Level 2 or above in HKDSE Chemistry take ABCT1700 Introduction to Chemistry (also highly recommended to take ABCT1741 General Chemistry I) and students who have Level 2 or above in HKDSE Chemistry take ABCT1741 General Chemistry I

[‡] Students can choose either APSS1L01 or MM1L01 to fulfill University's Graduation Requirements (APSS1L01 is preassigned by default)

5.4. Students in BME with P&O who do not have Level 2 or above in HKDSE Physics/Combined Science with Physics:

Year 1		
Semester 1 (16 credits OR 19 credits†)	Semester 2 (18.5 credits)	
BME11108 Biomedical Engi	neering in Society (2 credits)	
ABCT1700 Introduction to Chemistry (3 credits)†	ABCT1741 General Chemistry I (3 credits)†	
ABCT2331 Human Biology for Biomedical Engineering I (3 credits)	ABCT2332 Human Biology for Biomedical Engineering II (3 credits)	
AMA1110 Basic Mathematics I – Calculus, Probability, and Statistics (3 credits)	AMA1120 Basic Mathematics II – Calculus and Linear Algebra (3 credits)	
AP10001 Introduction to Physics (3 credits)	AP10006 Physics II (3 credits)	
ENG1003 Freshman Seminar for Engineering (3 credits)	LCR II: English (3 credits)	
LCR I: English (3 credits)	IC2135 Material Processing and Technical Communication (2.5 credits)	
Healthy Lifest	tyle (0 credits)	
Summer Term: IC2135 Material Processing	g and Technical Communication (2.5 credits)	
Yea	nr 2	
Semester 1 (16.5 credits)	Semester 2 (16.5 credits)	
BME21111 Biomedical Engineering Ro		
ELC3523 Scientific Writing for Biome	, ,	
AMA2511 Applied Mathematics I (2 credits)	AMA2512 Applied Mathematics II (2 credits)	
	**	
AP10005 Physics I (3 credits)	APSS1L01 Tomorrow's Leader (3 credits) OR MM1L01 Tango! Managing Self & Leading Others (3 credits);	
BME21120 Fundamentals of Biomedical Instrumentation I (3 credits)	BME21119 Fundamentals of Biomechanics (3 credits)	
ENG2002 Computer Programming (3 credits)	BME31121 Fundamentals of Biomedical Instrumentation II (3 credits)	
LCR III: Chinese (3 credits)	Service-Learning (3 credits)	
Yea	ar 3	
Semester 1 (16.5 credits)	Semester 2 (16.5 credits)	
BME31139 Biomedical Engineering Resea		
BME31114 Biomedical Instrumentation and Sensors (3 credits)	BME31103 Applied Electrophysiology (3 credits)	
BME31116 Biosignal Processing (3 credits)	BME31134 Rehabilitation Engineering and Assistive Technology (3 credits)	
BME31125 Biomechanics (3 credits)	BME Elective II (3 credits) BME42101 Above-Knee Prosthetics	
BME Elective I (3 credits)	BME Elective III (3 credits)	
BME32104 Below-Knee Prosthetics	BME42137 Upper Limb Prosthetics	
CAR I (3 credits) (with CR/CW)	CAR II (3 credits) (with ER/EW)	
Summer Term: BME31206 Biomedical En		
Yea		
Semester 1 (14 credits)	Semester 2 (15 credits)	
BME41118 Capstor		
BME Elective IV (3 credits)	BME41141 Medical Technology Management and Regulation	
BME32131 Pedorthics, Foot, and Ankle-Foot Orthotics	(3 credits)	
BME Elective V (3 credits)	BME Elective VI (3 credits)	
BME32136 Upper Limb Orthotics	BME42124 Knee and Above-Knee Orthotics	
CLC3241P Professional Communication in Chinese (2 credits)	BME Elective VII (3 credits) BME42135 Spinal Orthotics	
CAR III (3 credits)	CAR IV (3 credits)	
Summer Term: BME41207 Biomedical Er	ngineering Clinical Attachment II (4 credits)	
6 11 6 1 10 10 10 10 10 10 10		

Total Number of Credits: 127 Academic + 5 IC Training + 8 WIE Training

[†] Students who do not have Level 2 or above in HKDSE Chemistry take ABCT1700 Introduction to Chemistry (also highly recommended to take ABCT1741 General Chemistry I) and students who have Level 2 or above in HKDSE Chemistry take ABCT1741 General Chemistry I

[‡] Students can choose either APSS1L01 or MM1L01 to fulfill University's Graduation Requirements (APSS1L01 is preassigned by default)