

**Full-time 4-year Undergraduate Degrees - Minor Programmes**

1.	<b>Title of Minor Programme &amp; Programme Code</b>		<b>Minor in Biomedical Engineering (47401-YBE)</b>			
2.	<b>Offering Department(s) in Full &amp; in Abbreviation</b>		<b>Department of Biomedical Engineering (BME)</b>			
3.	<b>Requirement for Claiming the Minor Award</b>		<b>For students admitted from the 2021-22 intake cohort and onwards (4-year undergraduate degrees)</b>  <b>18 credits (with at least 9 credits at level 3 or above)</b>			
4.	<b>Exclusive Programme(s) &amp; Programme Code(s)</b>		<b>BSc (Hons) in Biomedical Engineering (47401-YBE)</b>			
5.	<b>Effective Year</b>		<b>For students admitted from the 2021-22 intake cohort and onwards</b>			
6.	<b>Professional Recognition</b>		<b>Nil</b>			
7.	<b>Subject Code</b>	<b>Subject Title</b>	<b>Subject Offering Department/ Faculty</b>	<b>Level</b>	<b>Credit Value</b>	<b>Subject Nature (Compulsory /Elective)</b>
	ABCT2333	Human Physiology	BME	2	3	Elective
	ABCT2334	Human Pathophysiology	BME	2	3	Elective
	BME21148	Biomedical Electronics	BME	2	3	Elective
	BME21149	Biomaterials Science and Engineering	BME	2	3	Elective
	BME21151	Engineering Design & Biomechanics	BME	2	3	Elective
	BME21153	Medical Device Regulation	BME	2	3	Elective
	BME31103	Applied Electrophysiology	BME	3	3	Elective
	BME31116	Biosignal Processing	BME	3	3	Elective
	BME31125	Biomechanics	BME	3	3	Elective
	BME31134	Rehabilitation Engineering and Assistive Technology	BME	3	3	Elective
	BME31150	Medical Instrumentation & Equipment	BME	3	3	Elective
	BME32115	Biosensors: Theories and Biomedical Applications	BME	3	3	Elective
	BME32138	Cellular Engineering	BME	3	3	Elective
	BME32152	Clinical Engineering and Medical Technology Management	BME	3	3	Elective
	BME34143	MedTech Innovation and Entrepreneurship	BME	3	3	Elective

BME34145	AIDA for Health Care and Smart Aging	BME	3	3	Elective
BME42113	Biomedical Imaging	BME	4	3	Elective
BME42129	Neuroengineering	BME	4	3	Elective
BME44144	AIDA for Biosignal Processing and Medical Imaging	BME	4	3	Elective

For detailed syllabus and subject pre-requisite/co-requisite/exclusion requirement, please visit the following website:  
<http://www.polyu.edu.hk/student> (Information > Subject Search); or  
<https://www.polyu.edu.hk/bme/study/undergraduate-programme/admissions/list-of-subjects-and-subject-description-forms/>

Please note that pre-requisite/co-requisite/exclusion requirements for minor students will be considered individually based on the subjects they had taken for their major study.

For details of the programme, please visit the Department website at <https://www.polyu.edu.hk/bme/>

(21 September 2023)