

Full-time 4-year Undergraduate Degrees - Minor Programmes

1.	Title of Minor Programme & Programme Code		Minor in Biomedical Engineering (47401-YBE)			
2.	Offering Department(s) in Full & in Abbreviation		Department of Biomedical Engineering (BME)			
3.	Requirement for Claiming the Minor Award		For students admitted from 2012-13 onwards (4-year undergraduate degrees) 18 credits (with at least 9 credits at level 3 or above)			
4.	Exclusive Programme(s) & Programme Code(s)		BSc (Hons) in Biomedical Engineering (47401)			
5.	Effective Year		For students admitted from 2012-13 onwards			
6.	Professional Recognition		Nil			
7.	Subject Code	Subject Title	Subject Offering Department/ Faculty	Level	Credit Value	Subject Nature (Compulsory /Elective)
	ABCT2331	Human Biology for Biomedical Engineering I	BME	2	3	Elective
	ABCT2332	Human Biology for Biomedical Engineering II	BME	2	3	Elective
	BME21119	Fundamentals of Biomechanics	BME	2	3	Elective
	BME21120	Fundamentals of Biomedical Instrumentation I	BME	2	3	Elective
	BME31103	Applied Electrophysiology	BME	3	3	Elective
	BME31114	Biomedical Instrumentation and Sensors	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
	BME31139	Fundamentals of Biomedical Instrumentation II	BME	3	3	Elective
	BME32105	Biomaterials Science and Engineering	BME	3	3	Elective
	BME32115	Biosensors: Theories and Biomedical Applications	BME	3	3	Elective

BME32138	Cellular Engineering	BME	3	3	Elective
BME32140	Clinical Engineering	BME	3	3	Elective
BME41141	Medical Technology Management and Regulation	BME	4	3	Elective
BME42113	Biomedical Imaging	BME	4	3	Elective
BME42129	Neuroengineering	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/curriculum/>

Please note that pre-requisite/co-requisite/exclusion requirement 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 <http://www.polyu.edu.hk/bme/>

(21 September 2020)