

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

1.	<b>Title of Minor Programme &amp; Programme Code</b>		Minor in Internet and Multimedia Technologies (42477-YEI)			
2.	<b>Offering Department(s) in Full &amp; in Abbreviation</b>		Department of Electronic and Information Engineering (EIE)			
3.	<b>Requirement for Claiming the Minor Award</b>		Attained 18 credits from the subjects listed under section 7, of which at least 9 credits are at level 3 or above. (Note: Students should observe the pre-requisites requirement when choosing the subjects. Relevant information is available from the 42477 Programme Booklet)			
4.	<b>Exclusive Programme(s) &amp; Programme Code(s)</b>		BSc (Hons) in Internet and Multimedia Technologies (42477)			
5.	<b>Effective Year</b>		For students admitted from 2017/18 onwards			
6.	<b>Professional Recognition</b>		N/A			
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>
	EIE2105	Digital and Computer Systems	EIE	2	3	Elective
	EIE2108	Fundamentals of Internet and Multimedia Technologies	EIE	2	3	Elective
	ENG2002	Computer Programming	FENG	2	3	Elective
	ENG2003	Information Technology	FENG	2	3	Elective
	EIE3101	Computer Animation	EIE	3	3	Elective
	EIE3103	Digital Signals and Systems	EIE	3	3	Elective
	EIE3109	Mobile Systems and Application Development	EIE	3	3	Elective
	EIE3112	Database System	EIE	3	3	Elective
	EIE3124	Fundamentals of Machine Intelligence	EIE	3	3	Elective
	EIE3320	Object-Oriented Design and Programming	EIE	3	3	Elective
	EIE3333	Data and Computer Communications	EIE	3	3	Elective
	EIE3343	Computer Systems Principles	EIE	3	3	Elective
	EIE3360	Integrated Project	EIE	3	3	Elective
	EIE4100	Computer Vision and Pattern Recognition	EIE	4	3	Elective
	EIE4102	IP Networks	EIE	4	3	Elective
	EIE4104	Mobile Networking	EIE	4	3	Elective
	EIE4105	Multimodal Human Computer Interaction Technology	EIE	4	3	Elective
	EIE4106	Network Management and Security	EIE	4	3	Elective
	EIE4108	Distributed Systems and Cloud Computing	EIE	4	3	Elective
	EIE4121	Machine Learning in Cyber-security	EIE	4	3	Elective
	EIE4122	Deep Learning and Deep Neural Networks	EIE	4	3	Elective

EIE4428	Multimedia Communications	EIE	4	3	Elective
EIE4431	Digital Video Production and Broadcasting	EIE	4	3	Elective
EIE4432	Web Systems and Technologies	EIE	4	3	Elective
EIE4435	Image and Audio Processing	EIE	4	3	Elective

**Remark:**

- i. Please note that the subject pre-requisite requirements of the BSc(Hons) in Internet and Multimedia Technologies (42477) will also apply to this Minor in IMT programme. For details of the subject pre-requisites of the 42477 programme, please refer to the 42477 programme booklet which is available at the EIE General Office (DE614), and the departmental website at [https://www.polyu.edu.hk/eie/study/undergraduate-programmes/bsc\\_imt\\_42477-sy/](https://www.polyu.edu.hk/eie/study/undergraduate-programmes/bsc_imt_42477-sy/).
- ii. For detailed syllabus and subject pre-requisite/co-requisite/exclusion requirement, please visit the following website:  
eStudent (<http://www.polyu.edu.hk/student>)> Information > Subject Search
- iii. The above requirements and list of subjects are subject to review and changes which the Department can decide to make from time to time. Students will be informed of the changes as and when appropriate.

September 2022