

List of Subjects Offered to Exchange/Study Abroad Students for Semester 2 (Spring) 2022/23
Department of Electronic and Information Engineering (EIE)

Subject Code	Subject Name	Credits	Eligible Student Type [see *]	Limitation [see **]	Eligible Student (Year 1) (Y/N)	Eligible Student (Year 2) (Y/N)	Eligible Student (Year 3) (Y/N)	Eligible Student (Year 4 or above) (Y/N)
EIE1003	Foundations of Data Science	3	All	N/A	Y	Y	Y	Y
EIE2102	Basic Electronics	3	All	N/A	Y	Y	Y	Y
EIE2211	Logic Design	3	All	N/A	Y	Y	Y	Y
EIE3112	Database System	3	All	N/A	Y	Y	Y	Y
EIE3123	Dynamic Electronic Systems	3	All	N/A	Y	Y	Y	Y
EIE3124	Fundamentals of Machine Intelligence	3	All	N/A	Y	Y	Y	Y
EIE3331	Communication Fundamentals	3	All	N/A	Y	Y	Y	Y
EIE3333	Data and Computer Communications	3	All	N/A	Y	Y	Y	Y
EIE3343	Computer System Principles	3	All	N/A	Y	Y	Y	Y
EIE4106	Network Management and Security	3	All	N/A	Y	Y	Y	Y
EIE4108	Distributed Systems and Cloud Computing	3	All	N/A	Y	Y	Y	Y
EIE4110	Introduction to VLSI and Computer-Aided Circuit Design	3	All	N/A	Y	Y	Y	Y
EIE4116	Surveillance Studies and Technologies	3	All	N/A	Y	Y	Y	Y
EIE4118	Intrusion Detection and Penetration Test	3	All	N/A	Y	Y	Y	Y
EIE4121	Machine Learning in Cyber-Security	3	All	N/A	Y	Y	Y	Y
EIE4402	Power Electronics	3	All	N/A	Y	Y	Y	Y
EIE4413	Digital Signal Processing	3	All	N/A	Y	Y	Y	Y
EIE4431	Digital Video Production and Broadcasting	3	All	N/A	Y	Y	Y	Y

Remarks:
* Eligible Student Type
'ALL' = open to all exchange/ study abroad students including those admitted to other departments
'Dept' = open to exchange/ study abroad students who are admitted to this department only
** Limitation
'N/A' = open to all exchange/ study abroad students
'(programme code and/or stream code)' = only open to exchange/study abroad students who are enrolled in specific discipline/stream/programme