

Information and Communication Technology, Major BITM

Programme	EC
Year 1 Major BITM	60
□ Introduction ICT I	15
▫ ITVP20PGM1 - Programming I	5
▫ ITVP20DBS - Databases	5
▫ ITVP20BDK - Business Administration	5
□ Introduction ICT II	15
▫ ITVP20PGM2 - Programming II	5
▫ ITVP20INF - Infrastructures and Security	5
▫ ITVP20RAN - Requirements Analysis	5
□ Internet of Things I	15
▫ ITVP20ITSM - IT Service Management	5
▫ ITVP20WEB - Web Technologies	5
▫ ITVP20IOT1 - Project Internet of Things I	5
□ Internet of Things II	15
▫ ITVP20BPM - Business Process ManagementBusiness Process Management	5
▫ ITVP20WIS - Mathematics and Statistics	5
▫ ITVP20IOT2 - Project Internet of Things II	5
Year 2 Major BITM	60
□ 2.1 IT Management	15
▫ ITVB18ITM2 - Directing IT Processes	3
▫ ITVB19ITM3 - Project Management	4
▫ ITVB18ITM4 - IT Management Skills	2
▫ ITVB18ITM5 - Management of Change	2
▫ ITVB19IPS - Interpersonal Skills	4
□ 2.2 Information Architecture	15
▫ ITVB17INA1 - Project Information Architecture	5
▫ ITVB19INA2 - Strategic Management	3
▫ ITVB19INA3 - Enterprise Architecture	4
▫ ITVB18OND1 - Research Strategies and Methods 1	3
□ 2.3 EAI and ERP	15
▫ ITVB17EAI1 - Project Enterprise Resource Planning	3
▫ ITVB18EAI2 - Business Process Management 2	2
▫ ITVB16EAI3 - Accounting	2
▫ ITVB16EAI4 - Enterprise Application Integration	2
▫ ITVB18EAI5 - Enterprise Resource Planning / Blueprint	3
▫ ITVB18OND2 - Research Strategies and Methods 2	3
□ 2.4 Connecting ICT and Business	15
▫ ITVB18CON1 - Project Software Development for a Client	5
▫ ITVB18CON2 - Model View Control design-pattern using PHP	3
▫ ITVB16CON3 - Testing	2
▫ ITVB16CON4 - Object Oriented Design	2
▫ ITVB19COMB - Communication Skills	3
Year 3 Major BITM	60
□ Electives	30
<i>electives</i>	
□ Internship	30
<i>one of following courses</i>	
□ Internship	30
▫ ITVB18STG - Internship	29
▫ ITVB18STC - Communication Written	1
□ Internship Abroad	30
▫ ITVB18STB - Internship Abroad	29
▫ ITVB18STC - Communication Written	1
Year 4 Major BITM	60
□ Business Intelligence	15
▫ ITVB20BIN1 - Project Business Intelligence	4
▫ ITVB18BIN2 - Datamodelling and Data Quality	2
▫ ITVB18BIN3 - Strategic Management	3
▫ ITVB18BIN4 - Business Intelligence	2
▫ ITVB20BIN5 - Statistics for Data Science I	2

▫ ITVB18APR - Advanced Practical Research	2
▫ Data (Science) for the Organisation	15
▫ ITVB18DSC1 - Project Data Science	5
▫ ITVB20DSC2 - Organisational Design & Innovation	3
▫ ITVB20DSC3 - Predictive Modelling and Machine Learning	3
▫ ITVB20DSC5 - Statistics for Data Science II	2
▫ ITVB18CSK6 - Communication Skills, Consultancy	2
▫ Graduation	30
<i>one of following courses</i>	
▫ Graduation Project	30
▫ ITVB18ASO - Graduation Project	30
▫ Graduation Project Abroad	30
▫ ITVB18ASOB - Graduation Project Abroad	30

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