

Information & Communication Technology, Major NSE

Programme	EC
Year 1 Major NSE	60
□ Introduction ICT I	15
▫ ITVP22PGM1 - Programming I	5
▫ ITVP23DBS - Databases	5
▫ ITVP22BDK - Business Administration	5
□ Introduction ICT II	15
▫ ITVP23PGM2 - Programming II	5
▫ ITVP20INF - Infrastructures and Security	5
▫ ITVP23RAN - Requirements Analysis	5
□ Internet of Things I	15
▫ ITVP23WIS - Discrete Mathematics	5
▫ ITVP20WEB - Web Technologies	5
▫ ITVP23IOT1 - Project Internet of Things I	5
□ Internet of Things II	15
▫ ITVP22SCY - Software Security	5
▫ ITVP23CAR - Computer Architectures	5
▫ ITVP23IOT2 - Project Internet of Things II	5
Year 2 Major NSE	60
□ Computer Networks	15
▫ ITVB21NET1 - Computer Networks theory	5
▫ ITVB21NET2 - Computer Networks in practice	5
▫ ITVB21NET3 - Computer Networks project	5
□ Operating Systems	15
▫ ITVB21OS1 - Operating Systems theory	5
▫ ITVB21OS2 - Operating Systems in practice	5
▫ ITVB21OS3 - Operating Systems project	5
□ Security Engineering	15
▫ ITVB21SYE1 - Security Engineering theory	5
▫ ITVB21SYE2 - Security Engineering in practice	5
▫ ITVB23SYE3 - Security Engineering project	5
□ Forensics	15
▫ ITVB21FOR1 - Forensics theory	5
▫ ITVB21FOR2 - Law	5
▫ ITVB21FOR3 - Forensics project	5
Year 3 Major NSE	60
□ Electives	30
<i>electives</i>	
□ Internship	30
<i>one of following courses</i>	
□ Internship	30
▫ ITVB23STG - Internship	30
□ Internship Abroad	30
▫ ITVB23STB - Internship Abroad	30
Year 4 Major NSE	60
□ IT Forensics	15
▫ ITVB23SDI1 - DevSecOps	5
▫ ITVB23SDI2 - Cloud Computing	5
▫ ITVB23SDI3 - Software Defined Networking	5
□ IT Infrastructures	15
▫ ITVB23SDI4 - Advanced Practical Research	5
▫ ITVB23SDI5 - Project Individual	5
▫ ITVB23SDI6 - Project incl. Professional Skills	5
□ Graduation Project	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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