Hanze
University of Applied Sciences
Groningen

Information & Communication Technology

Programme	EC
Year 1	60
Programming	*30*
ITDP22PGM1 - Programming I	*5*
ITDP23DBS - Databases	*5*
ITDP23PGM2 - Programming II	*5*
ITDP21WEB - Web Technologies	*5*
ITDP21WPL1 - Training on the Job / Professional Skills	*10*
Business IT	*30*
ITDP22BDK - Business Administration	*5*
ITDP21ITSM - IT Service Management	*5*
ITDP22RAN - Requirements Analysis	*5*
ITDP21BPM - Business Process Management	*5*
ITDP21WPL2 - Training on the Job / Professional Skills	*10*
Year 2	60
Networking	*30*
ITDB22CAR - Computer Architecture	*5*
ITDB22INF - Infrastructure	*5*
ITDB23ICER - IC, Ethics & Research (English)	*5*
ITDB22SCY - Software Security	*5*
ITDB22WPL3 - Training on the Job 3 / Professional Skills	*10*
Data Analysis	*30*
ITDB22DAV - Data Visualisation	*5*
ITDB22STA - Statistics for Data Science	*5*
ITDB22DAM - Data Mining	*5*
ITDB22ORD - Organisational Design & Innovation	*5*
ITDB22WPL4 - Training on the Job 4 / Professional Skills	*10*
Year 3	60
ICT related Electives	*30*
electives	
ICT related Electives	*30*
electives	
Year 4	60
Electives	*30*
electives	
Graduation Project	*30*
ITDB17ASO - Graduation Project	*30*