

Mechanical Engineering

Programme	EC
Year 1	60
□ Kennismaking werkveld werktuigbouwkundige	30
▫ WBVP22POP - Proof of principle	5
▫ WBVP22PEO - Trust me, I'm an Engineer	20
▫ WBVP22BAS - Mechanical Engineering 101	5
□ Technical Design	30
▫ WBVP22DT - Digital Tools	5
▫ WBVP22PAA - Project Powered Device	20
▫ WBVP22OOB - Career Orientation	5
Year 2	60
□ Dimensioning of Industrial Installations	15
▫ WBVH15PI - Project Energy System part 1	3
▫ WBVH20TS - Applied Fluid Mechanics	5
▫ WBVH9ENG2 - English 2	1
▫ WBVH21VES - Sustainable Energy System	3
▫ WBVH2REG - Control Engineering 1	3
□ Dimensioning of Energy Systems	15
▫ WBVH15PES - Project Energy System part 2	4
▫ WBVH8KTE - Cooling Systems	2
▫ WBVH8TDN3 - Thermodynamics 3	2
▫ WBVH8WAR - Heat Transfer	2
▫ WBVH8MTK - Material Science	2
▫ WBVH8LAS - Welding	2
▫ WBVH2PVH5 - Professional Skills 5	1
□ Product Design and Production	30
▫ WBVH21PPOP - Project Product Design & Production	10
▫ WBVH0ADR - Hydraulic and Pneumatic Systems	3
▫ WBVH19MO1 - Machine Design 1	3
▫ WBVH19DSG - Dynamic System Behaviour	4
▫ WBVH8ONC - Design and Construction	2
▫ WBVH0INS - Information Systems	2
▫ WBVH20OM - Operations Management	2
▫ WBVH15SPC - Statistical Process Control	2
▫ WBVH15STA - Statistics	2
Year 3	60
□ Work Placement	30
▫ WBVH20STGVT - Work Placement	30
□ Research, Design and Engineering	30
□ Courses RDE	20
▫ WBVH18PRDE - Project Research, Design & Engineering	15
▫ WBVH18AR - Automation & Control	5
□ Electives RDE	5
<i>selection of following courses</i>	
▫ WBVH18IB - Installation Engineering	5
▫ WBVH18MB - Machine Engineering	5
□ Electives RDE	5
<i>selection of following courses</i>	
▫ WBVH8WIS5 - Mathematics 5	2
▫ POVB16082 - Electrical Engineering & Modelling	3
▫ WBVH18IB - Installation Engineering	5
▫ WBVH18MB - Machine Engineering	5
▫ WBVH18VI2 - Free Choice	2
▫ WBVH18VI3 - Free Choice	3
▫ WBVH18VI5 - Free Choice	5
Year 4	60
□ Elective	30
<i>electives</i>	
□ Graduation Project	30
▫ WBVH21AFS - Graduation Project	30

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