Chemical Engineering

Programme	EC
	60
Quarter 1	*15*
CCVP23CHEMICUS - The Chemist and the Chemical Technologist	*5*
CCVP23CHREKENEN - Chemical Calculations	*5*
CCVP23CHBINDING - Chemical Bonds	*5*
Quarter 2	*15*
CCVP25EVENWICHT - Chemical Equilibria	*5*
CTVP23PROCES1 - Process Engineering 1	*5*
CCVP23WISKUNDE - Calculus	*5*
Quarter 3	*15*
CTVP23STROMING - Fluid Mechanics	*5*
CCVP23FYSCHEMIE - Physical Chemistry	*5*
CTVP23STATIST1 - Statistics 1	*5*
Quarter 4	*10*
CTVP23PROCES2 - Process Technology 2	*5*
CTVP23APPARAT1 - Process Equipment 1	*5*
Electives	*5*
selection of following courses	
LSVX24INLENERGIE - Introduction to the Energy Transition	*5*
LSVX24INDUSTRBIO - Introduction to Industrial Biotechnology	*5*
LSVX24COMMUNICAT - Communication Skills	*5*
LSVX23OCTAVEMATL - Programming in Octave/MATLAB	*5*
LSVX23LABVAARDIG - Introduction Laboratory Skills	*5*
LSVX23FILOSOFIE - Science Philosophy and Ethics	*5*
LSVX23CIRCUCHEM - Applied Circular Chemistry	*5*
LSVX24MEDICIJN - Drug Discovery	*5*
LSVX24INFECTIE - Infectious Diseases	*5*
LSVX24CREATIEF - Creative Writing	*5*
LSVX23ANATOMIE - Human Anatomy and Physiology: The Human Body under the Magnifying Glass	*5*
LSVX25VOEDING - Healthy, Durable and Safe Food	*5*
LSVX25PATIENT - The patient fit and prepared	*5*
LSVX24PERSPRJ - Personal Project Space	*5*
LSVX24KLIMAAT - Climate Change and Saline Soils	*5*
LSVX23HEALTHY - Healthy Ageing	*5*
LSVX24INLPSY - Introduction to Psychology	*5*
LSVX23PYTHON - Introduction Programming in Python	*5*
Year 2	60
Quarter 5	*15*
CTVH24APPARAT2 - Process Equipment 2	*5*
CTVH24WARMTE - Heat Transfer	*5*
CTVH24STATIS2 - Statistics 2	*5*
Quarter 6	*15*
CTVH24ORGCHEMIE - Organic Chemistry	*5*
CTVH24PROCESREG - Process Control	*5*
CTVH24THERMO - Thermodynamics	*5*
Quarter 7	*15*
CTVH24PROCESSIM1 - Process Simulation & Modelling 1	*5*
CCVH24CIRCUPOLYM - Circular Polymers	*5*
CTVH24REACTOR1 - Reactor Engineering 1	*5*
Quarter 8	*10*
CTVH24FABRONTW - Factory design	*5*
CTVH24LEVENSMDL - Food Technology	*5*
Electives	*5*
selection of following courses	
LSVX24INLENERGIE - Introduction to the Energy Transition	*5*
LSVX24INDUSTRBIO - Introduction to Industrial Biotechnology	*5*
LSVX24COMMUNICAT - Communication Skills	*5*
LSVX23OCTAVEMATL - Programming in Octave/MATLAB	*5*
LSVX23LABVAARDIG - Introduction Laboratory Skills	*5*
LSVX23FILOSOFIE - Science Philosophy and Ethics	*5*
LSVX23CIRCUCHEM - Applied Circular Chemistry	*5*
LSVX24MEDICIJN - Drug Discovery	*5*

- LSVX24INFECTIE - Infectious Diseases *5*
- LSVX24CREATIEF - Creative Writing *5*
- LSVX23ANATOMIE - Human Anatomy and Physiology: The Human Body under the Magnifying Glass *5*
- LSVX25VOEDING - Healthy, Durable and Safe Food *5*
- LSVX25PATIENT - The patient fit and prepared *5*
- LSVX24PERSPRJ - Personal Project Space *5*
- LSVX24KLIMAAT - Climate Change and Saline Soils *5*
- LSVX23HEALTHY - Healthy Ageing *5*
- LSVX24INLPSY - Introduction to Psychology *5*
- LSVX23PYTHON - Introduction Programming in Python *5*

Year 3 60

- Internship Placement *30*
  - CTVH19STAGE - Practical Learning Period *28*
  - LSVH15KWALZ - Quality Assurance *1*
  - LSVH15ARBO - Health & Safety *1*
- Theme 11 - Process Technology 2 *15*
  - CTVH8THM11 - Laboratory theme 11 *4*
  - CTVH6AST1 - Separation Technology 1 *3*
  - CTVH0RAK2 - Chemical Reactor Engineering 2 *3*
  - CTVH16CORRELP - Corrosion & Electrolysis *4*
  - LSVH7STB3A - Academic Counselling Year 3 - Part 1 *1*
- Theme 12 - Process Dynamics and Modeling *15*
  - CTVH0THM12 - Laboratory theme 12 *7*
  - CTVH8PDC - Process Dynamics *2*
  - CTVH6AST2 - Separation Technology 2 *3*
  - CTVH0RAK3 - Chemical Reactor Engineering 3 *3*

Year 4 60

- Electives *30*

  electives
- Final Internship Project *30*
  - CTVH15AFST - Final Project *30*

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