Master degree programme Chemical Engineering

Appendices to the Teaching and Examination Regulations

Appendix A Aim of the degree programme (art. 1.3)

The degree programme aims to train the students in such a way that they acquire the insight, skills and knowledge that allows the recipient of the degree to establish a professional career in the field of Chemical Engineering.

Appendix B Specializations of degree programme (art. 2.2)

The degree programme has the following specializations:

- Chemical Engineering

- Water Technology

Appendix C Content of degree programme (art. 2.3)

module	ECTS	assessment	practical
Research Project in Chemical Engineering	60	assessment of performance, report, presentation	х
Traineeship	20	assessment of performance, report, presentation	х
Advanced Product Engineering	5	report, presentation	
Biochemistry and Microbiology	5	written examination, essay, presentation	
Interfacial Engineering	5	assignments, report	
Polymer Products	5	assignments, report	
Powder technology	5	written examination	
Optional courses	15	see appendix D	see app. D

Specialization Chemical Engineering

Specialization Water Technology

module	ECTS	assessment	practical		
Global Water Cycle	5	assignments, participation, report, presentation	х		
Mathematical principles in water technology	6	written exam			
Colloid chemistry	5	assignments, report, presentation			
Water microbiology	5	written exam, reports	Х		
Transport phenomena in water technology	6	written exam			
Advanced water treatment processes	5	oral exam	х		
Reactor design	6	written exam			
Biological water treatment and recovery technology	5	written exam, case portfolio			
Process dynamics and control	5	assignments	х		
Process design	12	reports, performance, presentations			
Internship	20	assessment of performance, report, presentation	x		
Master thesis	40	assessment of performance, report, presentation	x		

Appendix D Optional modules (art. 2.4)

Optional courses

module	ECTS	assessment	practical
Catalysis for Engineers	5	oral examination, presentation	
Product based Process development	5	report, presentation, discussion	
Sustainability for Engineers	5	assignments	
Optional courses from other programmes, on individual approval of the Board of Examiners	0 - 15	as indicated in appendix C or D of the corresponding programme	

Appendix E Entry requirements (art. 3.1)

For students admitted to the programme there are no entry requirements for the individual modules.

Appendix F Admission requirements (art. 4.1 and 4.2)

Holders of the following Bachelor's degrees from the University of Groningen are considered to have sufficient knowledge and skills and will be admitted to the Master's degree programme in Chemical Engineering on that basis: - BSc Scheikundige Technologie

Appendix G Application deadlines for admission (art. 4.5)

Deadlines for application are:

June 1st for EU students April 15th for non-EU students