# Master's degree programme Chemical Engineering

Appendices to the Teaching and Examination Regulations 2011-2012

## 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:

- Product Technology

- Science, Business and Policy

# **Appendix C Content of degree programme (art. 2.3)**

### **Specialization Product Technology**

module	ECTS	assessment	practical
Research Project in Chemical Engineering	50	assessment of performance, report,	х
		presentation	
Internship	15	assessment of performance, report,	
		presentation	
Advanced Product Engineering	5	report, presentation	
Bio-based Products	5	report, presentation	
Interfacial Engineering	5	written examination	
Polymer Products	5	assignments, report	
Particulate Products	5	written examination, report, assignment	
One of three Product sectors to be chosen	30	see separate tables	see app. D
Bio-based Products		-	
Industrial Catalysts			
Polymeric Products			

<b>Product sector Polymeric Products</b>	ECTS	assessment	practical
Biomaterials 2	5	written examination	
Structure and Properties of Polymers	5	written examination	
Sustainability for Engineers	5	assignments	
Electives Polymeric Products	15	course unit dependent	

Product sector Bio-based Products	ECTS	assessment	practical
Biomaterials 2	5	written examination	
Biotechnology	5	written examination	
Catalysis for Engineers	5	written examination	
Electives Bio-based Products	15	course unit dependent	

Product sector Industrial Catalysis	ECTS	assessment	practical
Catalysis for Engineers	5	written examination	
Design of Industrial Catalysts	5	oral examination, presentation	
Product focused Process Design	5	report, presentation, discussion	

Electives Industrial Catalysis	15	course unit dependent	

### **Specialization Science, Business and Policy**

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module	ECTS	assessment	practical
Modules in one of the field of Chemical	30	as indicated for the corresponding	as indicated for
Engineering to be detetmined on indivdual		specialization	the corresponding
basis			specialization
Master research / thesis	30	assessment of performance, report,	
		presentation	
Course Science, Business and Policy	20	assignment, exam	
Internship Science, Business and Policy	40	assessment of performance, reports	

# **Appendix D Optional modules (art. 2.4)**

### **Optional courses**

module	ECTS	assessment	practical
Optional courses on individual approval of the Board of Examiners		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