

DRAFT Master of Science in Health Sciences - specialisation Biostatistics

Summer 2017		
Introductory courses Erasmus Summer Programme	ECTS	Study programme component
Principles of Research in Medicine (ESP01)	0.7	Required
Clinical Trials (ESP14)	0.7	Required
Review of Mathematics and Introduction to Statistics Online course (<i>new</i>)	1.4	Required

Fall 2017		
Core courses, programme specific courses and skills courses	ECTS	Study programme component
Study Design (CC01)	4.3	Common core
Biostatistical Methods I: Basic Principles (CC02)	5.7	Common core
Clinical Epidemiology (CE02)	5.7	Required
Principles of Causal Inference (<i>new</i>)	1.4	Required
Biostatistical Methods II: classical regression models (EP03)	4.3	Common core

CHRISTMAS BREAK

Research		
Research Proposal (M-RES)	2.5	Common core

Winter / Spring 2018		
Courses	ECTS	Study programme component
Repeated Measurements (CE08)	1.4	Required
Missing Values in Clinical Research (EP16)	t.b.a.	Required
Bayesian Statistics (CE09)	1.4	Required
Advanced R	1.4	Required
Advanced elective courses	t.b.a.	Elective
Introduction to Medical Writing (SC02)	2.0	Common core

Research		
	ECTS	Study programme component
Midterm Presentation Research Project (M-RES)	1.4	Common Core
Oral Presentation Research Project (M-RES)	1.4	Common Core
Research Period (M-RES)	27.4	Common Core

Summer 2018		
Courses	ECTS	Study programme component
Joint Models for Longitudinal and Survival Data (ESP72)	0.7	elective
Causal Inference (ESP48)	1.4	elective
1.5 weeks electives Erasmus Summer Programme (alternatively you may choose electives in winter/spring)	2.1	Elective

Graduation Ceremony		
In order to officially complete your NIHES degree programme, you are required to attend the NIHES Graduation Ceremony. Graduation takes place in Rotterdam at the end of the 2 nd elective Erasmus Summer Programme.		