

TOTAL OVERVIEW OF COURSES IN MSc EPIDEMIOLOGY (POSTGRADUATE)
2025-2026
CORE COURSES - All obligatory courses

Introduction to Epidemiology	2 wk	3EC	Sep 8-19	BMB402914
Introduction to Statistics	1 wk	1.5EC	Sep 22-26	BMB404014
Study Design in Etiologic Research	2 wk	3EC	Sep 29-Oct 13	BMB403615
Classical Methods in Data Analysis	4 wk	6EC	Oct 20-Nov 14	BMB403314
Modern Methods in Data Analysis	3 wk	4.5EC	Jan 5-23	BMB417014
Presentation and Writing Research proposal - <i>Seminar</i>	2 dys	2EC	Jan 28-29	BMB422016
Research Ethics and Society	4 dys	1EC	Mrt 23-27	BMB506714

SPECIALISATION COURSES - All available specialisation courses (sorted by date)

Advanced Planetary Health and Exposure Science (<i>Iras</i>)	3 wk	4.5EC	Oct 13-31	BMB4701022
Economic Principles and Concepts for the Vet. Sciences (<i>Online</i>)	6 wk	2.5EC	Sep 22-Oct 31	BMB512818
Clinical Epidemiology	1 wk	1.5EC	Nov 24-28 (Dec 5 exam)	BMB509818
Applied Economic Modelling for the Vet. Sciences (<i>Online</i>)	6 wk	3EC	Nov 10-Dec 19	BMB509818
Clinical Trials and Drug Risk Assessment	1 wk	1.5EC	Dec 8-Dec 12	BMB510818
Systematic Reviews in Intervention Research	1 wk	1.5EC	Feb 2 - 6	BMB532818
Advanced Diagnostic Research	1 wk	1.5EC	Feb 9-13	BMB501818
Computational Statistics	1 wk	1.5EC	Feb 16-20	BMB511818
Generalized Linear Models	1 wk	1.5EC	Mar 2-6	BMB515818
Advanced Topics in Causal Research	1 wk	1.5EC	Mar 9-13	BMB502818
Prognosis Research	1 wk	1.5EC	Mar 16-20	BMB524818
Mixed Models	5 d	1.5EC	Mar 30,31-Apr 2,7&10	BMB520818
Study Design in Veterinary Epidemiological Research	1wk	1.5EC	Apr 13-17	BMB535818
Fundamentals of Statistics and Data Science (<i>vh Inference and Models</i>)	1 wk	1.5EC	Apr 13-17	BMB517818
Epidemiology of Animal Infectious Diseases	2 wk	3EC	Apr 20-May 1	BMB538818
Data Governance and Engineering new	wk	1.5EC	Apr 20-24	BMB504825
Cardiovascular Epidemiology	1 wk	1.5EC	Apr 20-24	BMB507818
Hands-on Veterinary Sciences	1 wk	1.5EC	May 4-8	BMB534818
Survival Analysis	1 wk	1.5EC	May 18-22	BMB528818
Systematic Reviews in Diagnostic Studies	1 wk	1.5EC	Jun 1-5	BMB530818
Epidemiology of Infectious Diseases	1 wk	1.5EC	Jun 1-5	BMB513818
Reproducible Coding Practices for Health Data Sciences new	1 wk	1.5EC	Jun 8-12	BMB504725
Missing Data	1 wk	1.5EC	Jun 8-12	BMB526819
Machine Learning & Application in Medicine	1 wk	1.5EC	Jun 15-19	BMB518818
Systematic Reviews and Meta-Analysis of Prognosis studies	1 wk	1.5EC	Jun 22-26	BMB531818
Methodology in Health Economic Evaluation	1 wk	1.5EC	Jun 22-26	BMB519818
Environmental and Occupational Epidemiology (<i>Iras</i>) (<i>Summerschool</i>)	2 wk	3EC	Jun 22-Jul 3	BMB504006
Systematic Reviews and Meta-analysis of individual participant data (IPD)	1 wk	1.5EC	Jun 29-Jul 3	BMB529818
Fundamentals of Global Health: (<i>Summerschool</i>) (1x per 2 years)	1wk	1.5EC	Jul 6-10	BMB514818
Pharmacoepidemiology and Drug Safety (<i>Summerschool</i>)	1wk	1.5EC	Jul 6-10	BMB536818
Mathematical modelling of infectious diseases (<i>Summerschool</i>)	2 wk	3EC	Jul 6-17	BMB524817
Pharmaceutical Policy Analysis (<i>Summerschool</i>)	1 wk	1.5EC	Jul 13-17	BMB537818

For students with specialisation Environmental Epidemiology

Exposure (<i>Iras</i>)	2 wk	3EC	Sep 15-26	BMB4705022
Health Effects (<i>Iras</i>)	2 wk	3EC	Sept 29-Oct 10	BMB4707022
Challenges in Global Health (<i>Summerschool</i>) (1x per 2 years)	1 wk	1.5EC	2026/2027	BMB508818
Molecular Epidemiology of Infectious Diseases (1x per 2 years)	2 wk	3EC	2026/2027	BMB522818
Nutritional Epidemiology (1x per 2 years)	1 wk	1.5EC	2026/2027	BMB523818
Public Health Epidemiology (1x per 2 years)	1 wk	1.5EC	2026/2027	BMB525818

SPECIALISATION PROGRAMMES - MSc Epidemiology 2025-2026

Every specialisation programme is 13EC and consists of 9 weeks courses

This is a concept, note that coursedates may change throughout the study year

Clinical Epidemiology (CE) - Prof. dr. A. May

The following obligatory courses (4.5EC)

Clinical Epidemiology	1 wk 1.5EC	Nov 24-28 (Dec 5 exam)
Clinicals Trials and Drug Risk Assessment	1 wk 1.5EC	Dec 8-12
Systematic Reviews in Intervention Research	1 wk 1.5EC	Feb 2-6

At least one (1.5 EC) of the following courses

Advanced Diagnostic Research	1 wk 1.5EC	Feb 10-14
Prognostic Research	1 wk 1.5EC	Mar 16-20

At least one (1.5 EC) of the following courses

Advanced Topics in Causal Research	1 wk 1.5EC	Mar 9-13
Systematic Reviews in Diagnostic Studies	1 wk 1.5EC	Jun 1-5
Systematic Reviews and Meta-Analysis of Prognosis studies	1 wk 1.5EC	Jun 22-26

*Add other courses to reach 13EC for the total programme. **

Pharmacoepidemiology (PE) - Prof. O.H. Klungel

The following obligatory courses (6EC)

Clinical Epidemiology	1 wk 1.5EC	Nov 24-28 (Dec 5 exam)
Clinicals Trials and Drug Risk Assessment	1 wk 1.5EC	Dec 8-12
Pharmacoepidemiology & Drug Safety	1wk 1.5EC	Jul 6-10
Pharmaceutical Policy Analysis	1 wk 1.5EC	Jul 13-17

*Add other courses to reach 13EC for the total programme. **

Epidemiology of Infectious Diseases (IE) - Dr. H. van Werkhoven

The following obligatory courses (6EC)

Clinical Epidemiology	1 wk 1.5EC	Nov 24-28 (Dec 5 exam)
Epidemiology of Infectious Diseases	1 wk 1.5EC	Jun 1-5
Mathematical modelling of infectious diseases (summerschool)	2 wk 3EC	Jul 6-17

*Add other courses to reach 13EC for the total programme. **

Molecular Epidemiology of Infectious Diseases (1x per 2 years)	2 wk 3EC	2026/2027
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Medical Statistics (MS) - Dr. P.M. van der Ven

The following obligatory courses (4.5EC)

Generalized Linear Models	1 wk 1.5EC	Mar 2-6
Computational Statistics	1 wk 1.5EC	Feb 16-20
Mixed Models	1 wk 1.5EC	Mar 30,31-Apr 2,7&10

*Add other courses to reach 13EC for the total programme. **

Survival Analysis	1 wk 1.5EC	May 18-22
Machine Learning & Application in Medicine	1 wk 1.5EC	Jun 15-19

Occupational and Environmental Epidemiology (OE) - Dr. Ir. G. Hoek

The following obligatory courses (7.5EC)

Advanced Planetary Health and Exposure Science (Iras)	3 wk 4.5EC	Oct 13-31
Environmental and Occupational Epidemiology (Iras)	2 wk 3EC	Jun 22-Jul 3

*Add other courses to reach 13EC for the total programme. **

Exposure (Iras)	2 wk 3EC	Sep 15-26
Health Effects (Iras)	2 wk 3EC	Sept 29-Oct 10

Veterinary Epidemiology (VE) - Prof. M. Nielen

The following obligatory courses (8.5EC)

Economics Principles and Concepts for the Vet. Sciences (Online)**	6 wk 2.5EC	Sep 22-Oct 31
Study Design in Veterinary Epidemiological Research	1 wk 1.5EC	Apr 13-17
Epidemiology of Animal Infectious Diseases	2 wk 3EC	Apr 20-May 1
Hands-on Veterinary Sciences	1 wk 1.5EC	May 4-8

*Add other courses to reach 13EC for the total programme. **

Applied Economic Modelling for the Vet. Sciences (Online)**	6 wk 3EC	Nov 10-Dec 19
Molecular Epidemiology of Infectious Diseases (1x per 2 years)	2 wk 3EC	2026/2027
Mathematical modelling of infectious diseases (summerschool)	2 wk 3EC	Jul 6-17

* These other courses do not need to be within the same specialisation programme.

** Via U-learning 14 hours p/w