

SPECIALISATION PROGRAMMES - MSc Epidemiology 2016-2017

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

Clinical Epidemiology (CE) - Prof AW Hoes

The following obligatory courses (4.5EC)

| | | | | |
|---|------|-------|----------------|------|
| Clinical Epidemiology | 1 wk | 1.5EC | Nov 28 - Dec 2 | 2016 |
| Clinical Trials and Drug Risk assessment | 1 wk | 1.5EC | Dec 5-9 | 2016 |
| Systematic Reviews in Intervention Research | 1 wk | 1.5EC | Feb 6-10 | 2017 |

At least one (1.5 EC) of the following courses

| | | | | |
|------------------------------|------|-------|-----------|------|
| Advanced Diagnostic Research | 1 wk | 1.5EC | Feb 13-17 | 2017 |
| Prognostic Research | 1 wk | 1.5EC | Mar 13-17 | 2017 |

At least one (1.5 EC) of the following courses

| | | | | |
|---|------|-------|-----------|------|
| Advanced Topics in Causal Research: Confounding and Effect Modification | 1 wk | 1.5EC | Feb 20-24 | 2017 |
| Systematic Reviews in Diagnostic Research | 1 wk | 1.5EC | May, 9-13 | 2016 |
| Systematic Reviews of Prognostic Studies | 1 wk | 1.5EC | Jun 6-10 | 2016 |

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

Pharmacoepidemiology (PE) - Prof OH Klungel

The following obligatory courses (6EC)

| | | | | |
|--|------|-------|----------------|------|
| Clinical Epidemiology | 1 wk | 1.5EC | Nov 28 - Dec 2 | 2016 |
| Clinical Trials and Drug Risk assessment | 1 wk | 1.5EC | Dec 5-9 | 2016 |
| Pharmacoepidemiology & Drug Safety | 1 wk | 1.5EC | Jul 3-7 | 2017 |
| Pharmaceutical Policy Analysis | 1 wk | 1.5EC | Jul 10-14 | 2017 |

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

| | | | | |
|-------------------|------|-------|-----------|------|
| Pharmacoeconomics | 1 wk | 1.5EC | Jul 17-21 | 2017 |
|-------------------|------|-------|-----------|------|

Epidemiology of Infectious Diseases (IE) - Prof MEE Kretzschmar

The following obligatory courses (6EC)

| | | | | |
|---|------|-------|----------------|------|
| Clinical Epidemiology | 1 wk | 1.5EC | Nov 28 - Dec 2 | 2016 |
| Epidemiology of Infectious Diseases | 1 wk | 1.5EC | Jun 26-30 | 2017 |
| Mathematical Modelling of Infectious Diseases | 2 wk | 3EC | Jul 3-14 | 2017 |

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

| | | | | |
|---|------|-------|-----------|------|
| Molecular Epidemiology of Infectious Diseases | 1 wk | 1.5EC | Dec 12-16 | 2016 |
|---|------|-------|-----------|------|

Medical Statistics (MS) - Dr MJC Eijkemans

The following obligatory courses (4.5EC)

| | | | | |
|---------------------------|------|-------|----------------|------|
| Generalized Linear Models | 1 wk | 1.5EC | Apr 3-7 | 2017 |
| Mixed Models | 1 wk | 1.5EC | May 8-12 | 2017 |
| Computational Statistics | 1 wk | 1.5EC | May 29 - Jun 2 | 2017 |

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

| | | | | |
|----------------------|------|-------|-----------|------|
| Survival Analysis | 1 wk | 1.5EC | Jun 12-16 | 2017 |
| Inference and models | 1 wk | 1.5EC | Mar 20-24 | 2017 |

Occupational and Environmental Epidemiology (OE) - Prof D Heederik

Choose at least 6 EC of the following courses

| | | | | |
|---|------|-----|-----------------|------|
| Exposure Assessment in Epidemiology | 2 wk | 3EC | Sept 26 - Oct 7 | 2016 |
| Effects assessment in toxicology and environmental epidemiology | 4 wk | 6EC | Oct 10-Nov4 | 2016 |
| Risk assessment and risk management | 2 wk | 3EC | Nov 7-18 | 2016 |
| Environmental and occupational epidemiology | 2 wk | 3EC | Jun 19-30 | 2017 |

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

Veterinary Epidemiology (VE) - Prof M Nielen

7 EC with the following obligatory courses

| | | | | |
|--|-------|-------|----------|------|
| Economic Principles and Concepts for the Veterinary Sciences | 5 dys | 2.5EC | Dec 7-13 | 2016 |
| Advanced Veterinary Epidemiology | 4 wk | 6EC | Apr 3-28 | 2017 |

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

| | | | | |
|--|-------|-------|--------------|------|
| Applied Economic Modelling for the Veterinary Sciences | 6 dys | 3EC | Feb 22-Mar 3 | 2017 |
| Molecular Epidemiology of Infectious Diseases | 1 wk | 1.5EC | Dec 12-16 | 2016 |
| Mathematical Modelling of Infectious Diseases | 2 wk | 3EC | Jul 3-14 | 2017 |

* These other courses do not need to be within the same specialisation, but they do need to be

- epidemiological courses and/or statistical courses and/or
- for PhD students with a TSA, part of the obligatory programme specific courses at the PhD program the student is enrolled in

TOTAL OVERVIEW OF COURSES IN MSc EPIDEMIOLOGY (POSTGRADUATE)**2016-2017****CORE COURSES - All obligatory courses**

| | | | | |
|---|-------|-------|-------------------|------|
| Introduction to Epidemiology | 2 wk | 3EC | Sep 12- 23 | 2016 |
| Introduction to Statistics and SPSS - <i>E-learning</i> | 1 wk | 1.5EC | Sep 26 - 30 | 2016 |
| Study Design in Etiologic Research | 2 wk | 3EC | Oct 3-17 | 2016 |
| Classical Methods in Data Analysis | 4 wk | 6EC | Oct 24 - Nov 18 | 2016 |
| Modern Methods in Data Analysis | 3 wk | 4.5EC | Jan 9 - 27 | 2017 |
| Presentation and Writing Research proposal - <i>Seminar</i> | 2 dys | 2EC | Feb 2 -3 | 2017 |
| Research Ethics and Society - <i>4 mornings contact hours</i> | 4 dys | 1EC | Apr 11,13,18 & 20 | 2017 |

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

| | | | | |
|---|-------|-------|-----------------|------------|
| Exposure Assessment in Epidemiology | 2 wk | 3EC | Sept 26 - Oct 7 | 2016 |
| Effects Assessment in Toxicology and Environmental Epidemiology | 4 wk | 6EC | Oct 10-Nov4 | 2016 |
| Risk assessment and risk management | 2 wk | 3EC | Nov 7-18 | 2016 |
| Clinical Epidemiology | 1 wk | 1.5EC | Nov 28 - Dec 2 | 2016 |
| Clinicals Trials and Drug Risk Assessment | 1 wk | 1.5EC | Dec 5-9 | 2016 |
| Economics Principles and Concepts for the Vet. Sciences | 6dys | 2.5EC | Dec 7-13 | 2016 |
| Molecular Epidemiology of Infectious Diseases | 1 wk | 1.5EC | Dec 12-16 | 2016 |
| Systematic Reviews in Intervention Research | 1 wk | 1.5EC | Feb 6-10 | 2017 |
| Advanced Diagnostic Research | 1 wk | 1.5EC | Feb 13-17 | 2017 |
| Advanced Topics in Causal Research | 1 wk | 1.5EC | Feb 20-24 | 2017 |
| Applied Economic Modelling for the Veterinary Sciences | 8 dys | 3EC | Feb 22-Mar 3 | 2017 |
| Cardiovascular Epidemiology | 1wk | 1.5EC | Mar 6-10 | 2017 |
| Applied Bayesian Statistics | 1 wk | 1.5EC | Mar 6-10 | 2017 |
| Prognostic Research | 1 wk | 1.5EC | Mar 13-17 | 2017 |
| Inference and models | 1 wk | 1.5EC | Mar 20-24 | 2017 |
| Genetic Epidemiology | 1 wk | 1.5EC | Mar 27-31 | 2017 |
| Generalized Linear Models | 1 wk | 1.5EC | Apr 3-7 | 2017 |
| Public Health Epidemiology | 1 wk | 1.5EC | Apr 3-7 | 2017 |
| Advanced Veterinary Epidemiology | 4 wk | 6EC | Apr 3-28 | 2017 |
| Nutritional Epidemiology | 1 wk | 1.5EC | <i>ntb</i> | 2018 |
| Missing Data | 3 dys | 1EC | Apr 24-26 | 2017 |
| IPD meta-analyse | 1 wk | 1,5EC | May 1-5 | 2017 |
| Mixed Models | 1 wk | 1.5EC | May 8-12 | 2017 |
| Systematic Review in Diagnostic Research | 1 wk | 1.5EC | May 8-12 | 2017 |
| Systematic Review of Prognostic Studies | 1 wk | 1.5EC | May 15-19 | 2017 |
| Computational Statistics | 1 wk | 1.5EC | May 29 - Jun 2 | 2017 |
| Methodology in Health Economic Evaluation | 1 wk | 1.5EC | Jun 12-16 | 2017 |
| Survival Analysis | 1 wk | 1.5EC | Jun 12-16 | 2017 |
| Evidence based evaluation of new imaging techniques | 1 wk | 1.5EC | Jun 19-23 | 2017 |
| Environmental and occupational epidemiology | 2 wk | 3EC | Jun 19-30 | 2017 |
| Epidemiology of Infectious Diseases | 1 wk | 1.5EC | Jun 26-30 | 2017 |
| Big Data | 1 wk | 1.5EC | Jul 10-15 | 2017 |
| Mathematical modelling of infectious diseases | 2 wk | 3EC | Jul 3-14 | 2017 |
| Molecular Epidemiology of Chronic Diseases | 1 wk | 1.5EC | Jul 3-7 | 2017 |
| Challenges in Global Health | 1 wk | 1.5EC | Jul 3-7 | 2017 |
| Pharmacoepidemiology and drug safety | 1wk | 1.5EC | Jul 3-7 | 2017 |
| Pharmaceutical Policy Analysis | 1 wk | 1.5EC | Jul 10-14 | 2017 |
| Pharmacoeconomics | 1 wk | 1.5EC | Jul 17-21 | 2017 |
| Multivariate Analysis | 1 wk | 1.5EC | | <i>ntb</i> |