

3.00 crédits	15.0 h	Q2
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Enseignants	Speybroeck Niko ;
Langue d'enseignement	Anglais
Lieu du cours	Bruxelles Woluwe
Préalables	A course on linear and logistic regression models is a need to follow this course. R (free downloadable software)

<p>Bibliographie</p>	<p><u><i>The analysis of health inequalities</i></u></p> <ol style="list-style-type: none"> 1. Konings P., Harper S., Lynch J., Hosseinpoor A.R., Berkvens D., Lorant V., Geckova A., Speybroeck N. (2010). Analysis of socioeconomic health inequalities using the Concentration Index. <i>International Journal of Public Health</i>, 55, 71-74. [Editor's Choice]. 2. Speybroeck N., Harper S., De Savigny D., Victora C. (2012). Inequalities of health indicators for policy makers: six hints. <i>International Journal of Public Health</i>, 57, 855-858. 3. Speybroeck N., Konings P., Lynch J., Harper S., Berkvens D., Lorant V., Geckova A. Hosseinpoor A.R. (2010). Decomposing socioeconomic health inequalities. <i>International Journal of Public Health</i>, 55, 347-351. 4. Van Malderen C., Van Oyen H., Speybroeck N. (2013). Contributing determinants of overall and wealth-related inequality in under-5 mortality in 13 African countries. <i>Journal of Epidemiology & Community Health</i>, 67, 667-676. <p><u><i>Analysis of complexities in public health</i></u></p> <ol style="list-style-type: none"> 1. Kanobana K., Devleesschauwer B., Polman K., Speybroeck N. (2013). An agent-based model of exposure to human toxocarasis: a multi-country validation. <i>Parasitology</i>, 140, 986-998. 2. Speybroeck N. (2012). Classification and regression trees. <i>International Journal of Public Health</i>, 57, 243-246. 3. Speybroeck N., Van Malderen C., Harper S., Müller B., Devleesschauwer B. (2013). Simulation Models for Socioeconomic Inequalities in Health: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i>, 10, 5750-5780 <p><u><i>The analysis of disease burden</i></u></p> <ol style="list-style-type: none"> 1. Devleesschauwer B., Havelaar A., Maertens de Noordhout C., Haagsma J., Praet N., Dorny P., Duchateau L., Torgerson P., Van Oyen H., Speybroeck N. (2014). Calculating Disability-Adjusted Life Years to quantify burden of disease. <i>International Journal of Public Health</i>, 59, 565-569. 2. Devleesschauwer B., Havelaar A., Maertens de Noordhout C., Haagsma J., Praet N., Dorny P., Duchateau L., Torgerson P., Van Oyen H., Speybroeck N. (2014). DALY calculation in practice: a stepwise approach. <i>International Journal of Public Health</i>, 59, 571-574. 3. Devleesschauwer B., Maertens de Noordhout C, Smit GS, Duchateau L, Dorny P, Stein C, Van Oyen H., Speybroeck N. (2014). Quantifying burden of disease to support public health policy in Belgium: opportunities and constraints. <i>BMC Public Health</i>, 14: 1196. 4. Maertens de Noordhout C., Devleesschauwer B., Angulo F., Verbeke G., Kirk M., Havelaar A., Haagsma J., Speybroeck N. (2014). The global burden of Listeriosis: a systematic review and meta-analysis. <i>The Lancet Infectious Diseases</i>, 14, 1073 - 1082.
<p>Autres infos</p>	<p><u>Language</u>: English Goal : The course aims to teach the student on understanding and using advanced methods to analyze public health problems. The course is addressing topics such as social epidemiology, the analysis of health inequalities and the burden of disease.</p>
<p>Faculté ou entité en charge:</p>	<p>FSP</p>

Programmes / formations proposant cette unité d'enseignement (UE)

Intitulé du programme	Sigle	
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