

Module 211: Chronic disease epidemiology

Module : 211	Chronic disease epidemiology
UE coordinator	Moise DESVARIEUX Columbia University, INSERM, EHESP md108@cumc.columbia.edu
Dates	12 th to 16 th November 2018
Credits/ECTS	3
Duration	Number of days: 5 Number of hours : 30
UE description	This minor will provide a more detailed overview of design, method, substantive and analytical issues pertaining to chronic disease epidemiology. It will cover: Infectious causes versus chronic slow causes Implications for causal thinking and analysis Issues of time And the epidemiology of risk factors. Specific issues will also be covered ,such as Epidemiology of cancer: breast cancer risk among women; computation of risk; population versus individual risk; cancers in the western world; cancers and diet; trends in cancer; risk factors for cancer; Epidemiology of Cardiovascular diseases (CVD); CVD trends ; CVD in the world; CVD and diet; risk factors
Prerequisites	Prior coursework in Epidemiology and Statistics is strongly encouraged.
Course learning objectives	Learning objectives: <i>at the end of the module, the students should be able to:</i> <ol style="list-style-type: none"> 1. Discuss the key concepts of chronic diseases and identify their related risk factors 2. Specify the role of the genetic approach for chronic diseases 3. Apply epidemiologic tools and methodologies for chronic diseases, such as cancers and CVD 4. Identify key steps for implementing meta analysis and systematic reviews 5. Apply pharmaco epidemiology tools to chronic conditions and treatment 6. Critically assess and interpret the findings of chronic disease epidemiology papers
Course requirement	
Grading and assessment	At the conclusion of the course, an examination will be assigned covering course content. The examination will be a combination of multiple choice, true/false and essay questions.
Location	George Sand EHESP Campus in Paris