

PROGRAMA DE PÓS-GRADUAÇÃO: Open to all programs**SEMESTRE LETIVO DO ANO:**
 1º SEMESTRE
 2º SEMESTRE
ANO: 2019**COURSE SYLLABUS****Código da Disciplina:**

(não preencher)

Nome da Disciplina:**Global Health****Dia(s) da semana:**

Monday

Horário(s) de aula:

10h00 – 12h00

Número de vagas:**Minimum 8; Maximum 30**• **Enfoque:**(1) Obrigatória(2) Optativa Eletiva para alunos da Graduação**Course Hours**

Teórica (horas):

30

Prática (horas):

EAD (horas):

Carga Horária Total (horas):

30

Professor	CH Teórica	CH Prática	CH EAD
Ana Beatriz Gorini da Veiga	15		
Airton Stein	15		
Collaborating Professors (minimum 20% of course hours)	CH Teórica	CH Prática	CH EAD
Mara Rubia Andre Alves de Lima			
Helena Maria Tannhauser Barros			
Invited Lecturers	CH Teórica	CH Prática	CH EAD
Freddy Perez – PAHO			
Marc Weiss – GUD; ZISPOA			
Regina Witt – UFRGS			
Elodie Ghedin – NYU			

About the course

The course, taught in English, presents the fundamental aspects of Global Health and the importance of studying public health in a global context in order to contribute to the improvement of the health of populations worldwide. With the globalization of diseases, the inequities in health systems in diverse cultural settings, and the need of human resources to better interface with different populations and cultures, there is an urge to prepare healthcare professionals with skills and capabilities to face global health challenges and provide solutions in different settings, mainly referring to low- and middle-income countries. Each seminar focuses on a particular aspect of global health. Students earning this certificate will be prepared to apply cross-disciplinary knowledge and skills to integrate basic concepts of the global burden of disease, disease control and prevention in communicable and non-communicable diseases, health system resilience and environmental health, all in the context of global health by focusing on health at multiple intersectoral and social levels, i.e., individual family, community and public sector.

Organization

The course is coordinated by professors from Federal University of Health Sciences of Porto Alegre (UFCSPA) and includes teaching professors from multiple disciplines from this university, as well as collaborating professors from other institutions.

The course is based on lectures, seminars, group exercises and discussions, tutorials, individual work, student presentations and individual written assignments. Topics are presented by the professors, and assignments are given to students both during class periods and outside of class. The assignments include reading of background articles, writing essays about the main subjects covered during the lectures, presenting seminars on specific topics and presenting global health case studies.

Lectures are organized in two-hour sessions from 10–12 am on Mondays between August and December of each year. Before each lecture, it is expected that students read specific articles and other materials (book chapters, selected texts, etc.) that will be available online on the Moodle course webpage. Students are expected to participate during lectures discussing the subjects based on reading assignments.

Active-learning and blended methodologies will be used to reach the course's objectives. Along the course, students will have to prepare and write essays related to topics covered during lectures and discussed in class. The essay must be delivered to the professor in hands or posted on Moodle. The essay-writing will account for a total of 5h of eLearning. Group study and group learning projects may also occur.

Course objectives and outcomes

The main objective is to introduce students to the key aspects of Global Health, preparing them to participate in discussions on issues that impact public health in a global context and that are priority for reaching the sustainable development goals.

This course also aims at preparing students to:

- Understand the historical context that contributed for the current Global Health situation, identifying improvement and challenges.
- Approach the differences in cultures, ethnicities and countries that impact the health of different societies.
- Analyze main determinants, risk factors, interventions, and bottlenecks for the global burden of disease in different contexts.
- Describe the epidemiology of the major communicable and non-communicable diseases that affect low- and middle-income societies and understand how governmental policies are established to mitigate them.
- Review diseases that may cause outbreaks, epidemics and pandemics, including zoonosis.

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- Understand how changes in lifestyle and increase in life expectancy, among other factors, may be associated to chronic diseases.
 - Identify and analyze the principal components of health systems in low and middle income countries (LMICs).
 - Discuss the main environmental factors and environmental changes that impact human health.
 - Understand how innovation can improve human health.
 - Understand how governments deal with intellectual property rights, such as patents, and trademark, to guarantee the access to medicines by the population.
 - Discuss the importance of medicines and the risks of drug abuse.
 - Discuss how drug trafficking impacts society and human health.
 - Understand what human trafficking is and how it impacts the health of individuals and of societies.
 - Identify natural disasters and disasters caused by humans and understand which factors are taken in to account for humanitarian assistance to affected populations.
 - Understand how activities organized by UFCSPA (both intramural and extramural) are related to global health and how we can prepare the society to work together to improve human health.
- Finally, considering that the course is given to a Portuguese-speaking audience, another objective of this course is to make students feel comfortable in discussing scientific topics in English.

Course topics:

The course will cover the following topics (more details in the Appendix):

- Global Health: Past, Present and Future
- Global distribution of the burden of disease and its determinants
- Epidemiology of Communicable Diseases aiming to elimination
- Neglected Tropical Diseases: a public health approach for control
- Emerging and Reemerging Infectious Diseases and Antimicrobial Resistance
- Facing the Non-communicable Diseases epidemic in LMICs
- Nutrition and global health
- Environmental and Occupational Health in the Global Context
- Medicines and Drug Abuse
- Human Trafficking
- Humanitarian Assistance and Disaster Relief
- Health Systems Strengthening in LMICs
- Healthcare Research and Education
- Global Health Policy and Practice

Student investment time:

Total of student investment time = 120 hours consisting of:

Contact time: 48 hours

Private study time: 40 hours

Assisted tutorial/field visit: 8 hours

Assessment/assignment time: 24 hours

Admission Requirements

Selection of participants is guided by a program emphasis on a multidisciplinary approach to global health. Students are recruited from a variety of backgrounds including – but not restricted to – physicians, nurses, social scientists, health educators, and health managers. Applicants must hold a

first degree – at least equivalent to a bachelor's degree – in a relevant field. Each application is individually assessed.

Evaluation criteria:

Students will be assessed according to the following criteria:

- Essays: 40%
- Participation in discussions during class: 20% (attend at least 80% of contact hours)
- Seminar and group work: 20%

Essays should be a total of 1-2 pages, written in English, and express the main ideas discussed in each topic of the course, according to the previous lecture. Essays should be prepared outside of the class.

Students are highly encouraged to participate during lectures expressing their ideas about the topic being discussed. Therefore, they should read the material provided by the professors before each class.

Other assignments, such as seminars and group work, may be suggested by the professors along the course.

Date/Duration	Topic	Activity	Coordinator	LECTURER
19/08	Introduction to the course Global Public Health: past, present, future The global burden of disease	Introductions Lecture Discussion	Airton Ana	Ana
26/08	Outbreaks, epidemics and pandemics	Lecture Discussion	Ana	Ana Kevin Bialy (will address the lecture by Skype)
02/09	Environment, Climate and Migration	Lecture Discussion	Mara	Mara
09/09	Emerging and reemerging infectious diseases Vaccines Antimicrobial resistance	Lecture Discussion	Ana	Ana Joel Ellwanger
11/09	Tuberculosis, HIV and Sexually Transmitted Infections (<i>STI</i>)	Lecture Discussion	Airton Mara	Freddy Perez*
1 hour DL	Essay preparation	eLearning		
16/09	Non-communicable diseases (Cancer and Diabetes; Cardiovascular Disease and Pulmonary Disease)	Lecture Discussion	Mara	Mara
23/09	From evidence to decision-making in Global Health	Lecture Discussion	Ana	Airton
30/09	Natural Disasters and Humanitarian Assistance	Lecture Discussion	Ana	Regina Witt Abner Freitas
1 hour DL	Essay preparation	eLearning		
07/10	Sustainable innovation and health improvements	Lecture Discussion	Airton Ana	Marc Weiss
14/10	Sustainable development Goals – Agenda 2030	Work group	Airton Ana	Marc Weiss
21/10	Intellectual property and Patents, generics and assessment to medicines	Lecture Discussion	Ana	Ana Mariana Dewes
28/10	Essential medicines and drug abuse	Lecture Discussion	Helena	Helena Barros
04/11	Human trafficking and violence Mental Health Research and Global Health	Lecture Discussion	Ana Helena	Alessandra Spalding Ana Carolina Faedrich
11/11	Healthcare systems Health policies and planning Bioethics and Global Health	Lecture Discussion	Mara Airton	Airton Mara
1 hour DL	Essay preparation	eLearning		
18/11 (1h)	Course Evaluation	T		

DL: Distance Learning

*Freddy Perez lectures will be allocated on the same week. The other lectures will be on Monday morning.

TBA – To Be Announced

Bibliography

- Material provided by the professor.
- Internet sites.
- TED Talks.