

**2015 WeObservatory List of Selected MOOCs on Topics Relating to Women, Health and ICT**

**SCHEDULED COURSES (66)**

WOMEN'S HEALTH COURSES	WOMEN & ICT COURSES	ICT & HEALTH COURSES	COURSES WITH FOCUS ON MOBILE TECHNOLOGY
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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Global health / Infectious diseases / Epidemics / Ebola	<b>Ebola Awareness</b>	This course is an open forum to raise Ebola Awareness. The professor focuses on disease dynamics in populations, and on using novel data sources such as social media to understand people's behaviors in the face of infectious disease threats.	Health Knowledge Cloud	Marcel Salathe, Vinit Sharma & Cathy Casserly	Open	10/01/14		English		<a href="https://health.edcast.org/learn/ebola-awareness-fall-2014">https://health.edcast.org/learn/ebola-awareness-fall-2014</a>	EdCast
Health / Healthcare practice / Emergency care	<b>First Responder Trauma &amp; Emergency Care Program</b>	By training policemen, paramedics, firefighters, security guards and ambulance drivers, in the proper care of the injured patient before they arrive at the hospital, thousands of lives could be saved and further lifelong disabilities could be avoided.	EdCast	Rohit Abraham, Dinesh Vyas, Manur Narayan & Vijay Mittal	Open	01/01/15		English		<a href="https://health.edcast.org/learn/first-responder-trauma-emergency-care-program-english-fall-2014">https://health.edcast.org/learn/first-responder-trauma-emergency-care-program-english-fall-2014</a>	EdCast
Health / Medicine / Neuroscience	<b>Medical Neuroscience</b>	Explore the structure and function of the human central nervous system. Learn why knowledge of human neuroanatomy, neurophysiology, neural plasticity, and new discovery in the brain sciences matters for clinical practice in the health professions.	Duke University	Leonard E. White	12 weeks	01/05/15	16-20 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/medicalneuro">https://www.coursera.org/course/medicalneuro</a>	Coursera
Health / Pharmacology	<b>Introduction to Pharmacy</b>	This course is a survey of the profession of pharmacy including its history, evolving scope of practice, ethical foundations, regulation, educational and career opportunities, and more. We will also explore topics relating to medication use and drug development.	The Ohio State University	Dr. Kenneth M. Hale	7 weeks	01/08/15	2-5 hours of work / week	English	Statement of Accomplishment	<a href="https://www.coursera.org/course/intropharma">https://www.coursera.org/course/intropharma</a>	Coursera
Health / Healthcare / Mental health / Alzheimer	<b>Living with Dementia: Impact on Individuals, Caregivers, Communities and Societies</b>	Health professionals and students, family caregivers, friends of and affected individuals, and others interested in learning about dementia and quality care will benefit from completing the course. Led by Drs. Nancy Hodgson and Laura Gitlin, participants will acquire foundational knowledge in the care of persons with Alzheimer's Disease and other neurocognitive disorders in this 5-week course.	Johns Hopkins University	Nancy Hodgson & Laura Gitlin	5 weeks	01/12/15	3-5 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/dementiacare">https://www.coursera.org/course/dementiacare</a>	Coursera
Health / Nutrition	<b>Introduction to Nutrition – Food for Health</b>	Most people lack a basic understanding of nutritional science to judge whether these messages carry any credibility. Under the mantra "you are what you eat" this course will teach you the basics of human nutrition and provide you with a solid background to understand and appreciate the importance of nutrition for human health. This introductory academic course in nutrition provides you with a broad view of the field of nutritional science.	Wageningen University	Sander Kersten	8 weeks	01/12/15	6-8 hours of work / week	English	Certificate available	<a href="https://www.edx.org/course/introduction-nutrition-food-health-wageningen-nutr101x#_VOAYwUJBef8">https://www.edx.org/course/introduction-nutrition-food-health-wageningen-nutr101x#_VOAYwUJBef8</a>	EdX
Technology / ICT / Education / Digital literacy	<b>Foundations of Virtual Instruction</b>	This course provides teachers with the foundation for understanding the movement towards virtual instruction. It introduces fundamental knowledge needed by teachers to succeed in a technology-dependent, instructional environment. You will explore the history of online learning and understand how a variety of delivery models are evolving, ranging from completely online to hybrid or blended classrooms.	University of California, Irvine	Cindy Carbajal	5 weeks	01/12/15	2-4 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/virtualinstruction">https://www.coursera.org/course/virtualinstruction</a>	Coursera
Health / Global Health	<b>Critical Thinking in Global Challenges</b>	In this course you will develop and enhance your ability to think critically, assess information and develop reasoned arguments in the context of the global challenges facing society today.	The University of Edinburgh	Mayank Dutia & Celine Caquineau	5 weeks	01/19/15	1-2 hours of work / week	English with subtitles in Portuguese, Spanish & Turkish	Verified certificate	<a href="https://www.coursera.org/course/criticalthinking">https://www.coursera.org/course/criticalthinking</a>	Coursera

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Technology / ICT / Education / Digital literacy	<b>e-Learning Ecologies</b>	This course introduces innovative approaches to learning and teaching, with a focus on the use of e-learning and social web technologies.	University of Illinois at Urbana-Champaign	William Cope & Mary Kalantzis	8 weeks	01/19/15	1-10 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/elearning">https://www.coursera.org/course/elearning</a>	Coursera
Health / Global health / Emergencies / Disaster preparedness	<b>Disaster Preparedness</b>	During this course, students will gain an understanding of the Disaster Cycle, concentrating on the Mitigation Phase. They will examine disaster planning on a personal level developing a disaster plan and examine Awareness and Attitude during disasters and daily life.	University of Pittsburgh	Michael Beach	6 weeks	01/26/15	2-4 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/disasterprep">https://www.coursera.org/course/disasterprep</a>	Coursera
Health / Prevention / Healthcare / Chronic pain	<b>Preventing Chronic Pain: A Human Systems Approach</b>	Chronic pain is at epidemic levels and has become the highest-cost condition in health care. This course uses evidence-based science with creative and experiential learning to better understand chronic pain conditions and how they can be prevented through self-management in our cognitive, behavioral, physical, emotional, spiritual, social, and environmental realms.	University of Minnesota	James Friction	10 weeks	01/26/15	2-4 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/chronicpain">https://www.coursera.org/course/chronicpain</a>	Coursera
Health / Public health / Research / Statistics	<b>Statistical Reasoning for Public Health 2: Regression Methods</b>	A practical and example filled tour of simple and multiple regression techniques (linear, logistic, and Cox PH) for estimation, adjustment and prediction.	Johns Hopkins University	John McGready	7 weeks	01/26/15	3-5 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/statreasoning2">https://www.coursera.org/course/statreasoning2</a>	Coursera
Technology / ICT / Gamification / Video games / Social impact	<b>Gamification</b>	Gamification is the application of game elements and digital game design techniques to non-game problems, such as business and social impact challenges. This course will teach you the mechanisms of gamification, why it has such tremendous potential, and how to use it effectively.	University of Pennsylvania	Kevin Werbach	6 weeks	01/26/15	4-8 hours of work / week	English with subtitles in Spanish, Chinese, Turkish & Russian	Verified certificate	<a href="https://www.coursera.org/course/gamification">https://www.coursera.org/course/gamification</a>	Coursera
Health / Healthcare / policy	<b>Health for All Through Primary Health Care</b>	This course explores why primary health care is central for achieving Health for All. It provides examples of how primary health care has been instrumental in approaching this goal in selected populations and how the principles of primary health care can guide future policies and actions.	Johns Hopkins University	Henry Perry	5 weeks	01/28/15	3-4 hours of work / week	English with subtitles	Verified certificate	<a href="https://www.coursera.org/course/healthforall">https://www.coursera.org/course/healthforall</a>	Coursera
Technology / ICT / Education / Digital literacy	<b>Powerful Tools for Teaching and Learning: Web 2.0 Tools</b>	Learn about innovative Web 2.0 tools in K-12 instruction and how to effectively integrate these technologies into classroom practices and to create engaging student activities.	University of Houston System	Sara G. McNeil & Bernard R Robin	5 weeks	02/01/15	3-4 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/newtechtools">https://www.coursera.org/course/newtechtools</a>	Coursera
Health / Global health / Infectious diseases / Epidemics / AIDS	<b>AIDS: Fear and Hope</b>	The basic biology of the virus, HIV, and the disease it causes, AIDS. The economic, social and political factors that determine who gets sick and who remains healthy, who lives and who dies. The progress of scientific research and medical treatments. The reasons for hope; the reasons for fear.	University of Michigan	Richard Meisler	7 weeks	02/02/15	2-4 hours of work / week	English	Statement of Accomplishment	<a href="https://www.coursera.org/course/aidsfearandhope">https://www.coursera.org/course/aidsfearandhope</a>	Coursera
Health / Global health / Infectious diseases / Epidemics / Ebola	<b>Ebola: Symptoms, History and Origins</b>	In this free online course, we'll learn more about the virus that causes Ebola and the symptoms of the disease. We'll also be tracing the current outbreak from its early cases to the most recent infections.	Lancaster University	Derek Gatherer	2 weeks	02/02/15	3 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/ebola">https://www.futurelearn.com/courses/ebola</a>	FutureLearn

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Health / HCP / Education	<b>Instructional Methods in Health Professions Education</b>	This course provides those involved in educating members of the health professions an asynchronous, interdisciplinary, and interactive way to obtain, expand, and improve their teaching skills. These skills can then be applied within their own professional context, with a variety of learners, extending across many stages.	University of Michigan	Caren Stalburg	8 weeks	02/02/15	6-8 hours of work / week	English with English subtitles	Verified certificate	<a href="https://www.coursera.org/course/instructmethodshpe">https://www.coursera.org/course/instructmethodshpe</a>	Coursera
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Health / Medicine / Education	<b>Teaching and Assessing Clinical Skills</b>	The purpose of this course is to improve feedback, clinical teaching, and assessment of clinical skills.	University of Michigan	Sally Santen	6 weeks	02/02/15	3-5 hours of work / week	English	Statement of Accomplishment	<a href="https://www.coursera.org/course/clinicalskills">https://www.coursera.org/course/clinicalskills</a>	Coursera
Health / Nursing / Rural Health	<b>Rural Health Nursing</b>	This course will provide learners with an opportunity to explore the challenges, opportunities, and skills necessary to provide nursing care in rural areas.	University of New Mexico	Amy Levi & Van Roper	8 weeks	02/02/15	4-6 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/ruralnursing">https://www.coursera.org/course/ruralnursing</a>	Coursera
Technology / ICT Education / Digital literacy	<b>Metaliteracy: Empowering Yourself in a Connected World</b>	This course will prepare participants to be active digital citizens who locate and evaluate information in 21st century social environments, including Massive Open Online Courses (MOOCs), while making individual and collaborative contributions to these spaces as self-reflective and empowered learners.	State University of New York	Thomas P. Mackey, Trudi Jacobson, Kathleen Stone, Kelsey O'Brien, Ms. Jenna Pitera, Allison Hosier, Michele Forte & Amy McQuigge	10 weeks	02/02/15	2-4 hours of work / week	English	Statement of Accomplishment	<a href="https://www.coursera.org/course/metaliteracy">https://www.coursera.org/course/metaliteracy</a>	Coursera
Technology / ICT / Mobile technology / Usability	<b>Building Mobile Experiences</b> 	Mobile devices are changing the ways that we interact with each other and information in the world. This course will take you from a domain of interest, through generative research, design, usability, implementation and field evaluation of a novel mobile experience. You'll finish the course with a working, field-tested application suitable for release in the app store as well as a deep understanding of human interaction with mobile devices and services.	MITx	Frank Bentley & Ed Barrett	12 weeks	02/02/15	10-12 hours of work / week	English	Certificate available	<a href="https://www.edx.org/course/building-mobile-experiences-mitx-21w-789x#VOAO_EJBef8">https://www.edx.org/course/building-mobile-experiences-mitx-21w-789x#VOAO_EJBef8</a>	EdX
Health / Global health / Infectious diseases / Tropical diseases	<b>Tropical Parasitology: Protozoans, Worms, Vectors and Human Diseases</b>	This course provides students an understanding of important human parasitic diseases, including their life cycles, vectors of transmission, distribution and epidemiology, pathophysiology and clinical manifestations, treatment, and prevention and control.	Duke University	John A. Bartlett, Franklin Moshia & Mramba Nyindo	8 weeks	02/09/15	8-10 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/parasitology">https://www.coursera.org/course/parasitology</a>	Coursera
Health / Medicine	<b>Introduction to Clinical Neurology</b>	An overview of the relevant aspects of the epidemiology, clinical presentation, basic disease mechanisms, diagnostic approaches and treatment options of the most common neurological diseases.	University of California, San Francisco	Daniel Lowenstein, Andrew Josephson, & Wade Smith	6 weeks	02/09/15	4-6 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/clinicalneurology">https://www.coursera.org/course/clinicalneurology</a>	Coursera
Health / Medicine / Health education / Terminology	<b>Clinical Terminology for International and U.S. Students</b>	Understanding the clinical terms and abbreviations commonly used in U.S. hospitals is challenging. Adaptation to clinical language is difficult for U.S. students entering the clinical area and even more difficult for international students whose primary language is not English. This course helps both groups of students understand many of the terms and abbreviations commonly encountered during the first three months of clinical work on a U.S. general hospital unit.	Pittsburgh	Valerie Swigart & Michael Gold	6 weeks	02/09/15	2-4 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/clinicalterminology">https://www.coursera.org/course/clinicalterminology</a>	Coursera
Health / Healthcare / Statistics	<b>Measuring and Valuing Health</b>	Learn how Patient Reported Outcome Measures and Quality Adjusted Life Years can compare treatments and inform healthcare spending.	The University of Sheffield	Katherine Stevens	3 weeks	02/16/15	3-4 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/valuing-health">https://www.futurelearn.com/courses/valuing-health</a>	FutureLearn
Health / Nutrition / Obesity	<b>Obesity: Causes and Consequences</b>	Obesity is a global epidemic. This course investigates how modern life is increasing levels of obesity around the world, and the wide-ranging consequences this has on individual lives and society as a whole.	University of Reading	Angela Alexander	4 weeks	02/16/15	3-4 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/obesity">https://www.futurelearn.com/courses/obesity</a>	FutureLearn

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Health / Healthcare / Practice / Clinical trials	<b>Pragmatic Randomized Controlled Trials in Health Care</b>	most patients have multiple diseases, imperfect adherence, ordinary doctors and non-ideal circumstances. These patients want to know whether a new treatment is likely to reduce important harms for ordinary people like them, receiving usual care. This mismatch meant that most trials were overestimating the real world effectiveness of new interventions. In this MOOC, we are going to study this mismatch, and see what its effect is on modern medical care. One example of the studies we will discuss is the VIGOR trial. This influential drug trial resulted in the widespread global overuse of this drug, at a cost of wasted billions of dollars. Ironically, this drug, intended to reduce a problem in individuals, ended up causing more of the same	Karolinska Institutet	Merrick Zwarenstein, Vinod K. Diwan & Salla Atkins	6 weeks	02/17/15	6-7 hours of work / week	English	Certificate available	<a href="https://www.edx.org/course/pragmatic-randomized-controlled-trials-kix-kipractihx">https://www.edx.org/course/pragmatic-randomized-controlled-trials-kix-kipractihx</a>	EdX
Health / Children's health / Youth	<b>Caring For Vulnerable Children</b>	In times of austerity and shrinking public services, the task of identifying and caring for vulnerable children has never been more challenging. In this free online course, we'll help you explore some of the issues involved in undertaking this task.	University of Strathclyde	Graham McPheat	6 weeks	02/23/15	4 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/vulnerable-children">https://www.futurelearn.com/courses/vulnerable-children</a>	FutureLearn
Health / Medicine / Neuroscience / Neurobiology	<b>Understanding the Brain: The Neurobiology of Everyday Life</b>	Learn how the nervous system produces behavior, how we use our brain every day, and how neuroscience can explain the common problems afflicting people today.	The University of Chicago	Peggy Mason	10 weeks	02/23/15	4-6 hours of work / week	English	Statement of Accomplishment	<a href="https://www.coursera.org/course/neurobio">https://www.coursera.org/course/neurobio</a>	Coursera
Health / Global health / Research / Statistics / Mortality surveillance	<b>Death 101: Shaping the Future of Global Health</b>	Death 101 enables students to investigate health problems affecting large populations – the whole world in fact! By understanding the big numbers in global mortality and their causes and distributions, this course teaches you to think numerically about global health. We use real data from real people to ask the questions: What are the major causes of death in the world? Why do we need cause of death statistics? How does counting the dead help the living?	University of TorontoX	Prabhat Jha	5 weeks	03/02/15	3 hours of work / week	English	Certificate available	<a href="https://www.edx.org/course/death-101-shaping-future-global-health-university-torontox-d101x#VOAIR0JBef8">https://www.edx.org/course/death-101-shaping-future-global-health-university-torontox-d101x#VOAIR0JBef8</a>	EdX
Health / Global health / Sustainable development	<b>Introduction to Global Health</b>	This course provides a comprehensive understanding of the interdisciplinary field of Public Health from a global perspective. The concepts outlined in this course will bring to light the vital importance social, economic and environmental factors affecting the health of populations, and of good health for all in achieving sustainable development. These concepts aim at portraying a holistic view of global health and creating awareness about current challenges in global public health, as well as defining the importance of good health in the broader vision of sustainable development.	SSDN	K. Srinath Reddy	10 weeks	03/02/15	5-7 hours of work / week	English	Certificate available	<a href="https://www.sdsnedu.org/learn/global-public-health-march-2015">https://www.sdsnedu.org/learn/global-public-health-march-2015</a>	SSDN
Health / Healthcare / Practice	<b>Dysphagia: Swallowing Difficulties And Medicines</b>	This course will enhance the knowledge of any person involved in the administration of medicines to patients with dysphagia.	University of East Anglia	David Wright	6 weeks	03/02/15	2 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/dysphagia">https://www.futurelearn.com/courses/dysphagia</a>	FutureLearn
Health / Medicine / Genetics / Cancer	<b>Inside Cancer: How Genes Influence Cancer Development</b>	In this free online course, you'll learn about the fundamental biological concepts that inform our current understanding of cancer development, the molecular genetics behind it and its spread within the body.	University of Bath	Momna Hejmadi	6 weeks	03/02/15	3-4 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/inside-cancer">https://www.futurelearn.com/courses/inside-cancer</a>	FutureLearn
Health / Healthcare / Practice / Clinical trials	<b>Design and Interpretation of Clinical Trials</b>	Learn the basic principles for design of randomized clinical trials and how they should be reported.	Johns Hopkins University	Janet Holbrook & Lea T. Drye	6 weeks	03/09/15	2-3 hours of work / week	English with English subtitles	Verified certificate	<a href="https://www.coursera.org/course/clinical-trials">https://www.coursera.org/course/clinical-trials</a>	Coursera



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Health / Medicine / Mental health / Neuroscience / Substance abuse	<b>Understanding Drugs And Addiction</b>	This online course explores how addiction develops, looking at the environmental, genetic and personal risks involved. It examines what happens when a drug enters the body and brain, how the brain changes, and how this process can make recovering from addiction such a challenge. You'll learn how we can best treat addiction, and how national and international policies help limit the harms from addiction.	King's College London	Kyle Dyer	6 weeks	03/09/15	4 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/understanding-drugs-and-addiction">https://www.futurelearn.com/courses/understanding-drugs-and-addiction</a>	FutureLearn
Health / Pharmacology	<b>Good Brain, Bad Brain: Drug Origins</b>	This course is designed for anyone who has ever wondered how the drugs in their medicine cabinet were found in the first place and how they ended up as pills in a bottle. The course will take an interactive approach, allowing you to both share your own experiences of medicines, and learn from experts in pharmacology and neuroscience.	University of Birmingham	Alison Cooper	2 weeks	03/09/15	4 hours of work / week	English	Statement of Participatio n (for purchase)	<a href="https://www.futurelearn.com/courses/good-brain-bad-brain-drugs">https://www.futurelearn.com/courses/good-brain-bad-brain-drugs</a>	FutureLearn
Health / Public Health / Toxicology / Environment	<b>Chemicals and Health</b>	This course covers chemicals in our environment and in our bodies and how they impact our health. It addresses policies and practices related to chemicals, particularly related to how they get into our bodies (exposures), what they do when they get there (toxicology), how we measure them (biomonitoring) and their impact on our health.	Johns Hopkins University	Megan Weill Latshaw & Beth A. Resnick	6 weeks	03/09/15	2-4 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/chemhealth">https://www.coursera.org/course/chemhealth</a>	Coursera
Health / Global health / Infectious diseases / Epidemics	<b>Epidemics, Pandemics and Outbreaks</b>	What can we do to prevent outbreaks of infectious diseases from becoming epidemics or pandemic? In this course, you'll learn the facts about infectious diseases and medical responses. We'll focus on the public health laws and policies that provide the framework for effective prevention, like quarantine laws, drug development policies, and bioterrorism and biodefense.	University of Pittsburgh	Elena A. Baylis, Elizabeth Ferrell Bjerke, Amesh A. Adalja & Ryan Morhard	4 weeks	03/16/15	3-5 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/pandeprevention">https://www.coursera.org/course/pandeprevention</a>	Coursera
Health / Medicine	<b>Vital Signs: Understanding What the Body Is Telling Us</b>	Heart rate, blood pressure, respiration rate, temperature, pain. What do these vital signs tell you about your body? Learn the basic physiology underlying the vital signs and how to accurately assess them.	University of Pennsylvania	Connie B. Scanga	6 weeks	03/16/15	3-5 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/vitalsigns">https://www.coursera.org/course/vitalsigns</a>	Coursera
Technology / ICT /Health / eHealth / Nanosensors	<b>Nanotechnology and Nanosensors</b> 	Learn about novel sensing tools that make use of nanotechnology to screen, detect and monitor various events in personal or professional life. Together, we will lay the groundwork for infinite innovative applications, starting from diagnosis and treatments of diseases, continuing with quality control of goods and environmental aspects, and ending with monitoring security issues.	Technion - Israel Institute of Technology	Hossam Haick	10 weeks	03/16/15	6-10 hours per week	English with English subtitles	Statement of Accomplish ment	<a href="https://www.coursera.org/course/nanosensors">https://www.coursera.org/course/nanosensors</a>	Coursera
Health / Medicine / Education	<b>Clinical Supervision with Confidence</b>	This course is designed to enhance the supervision skills of clinical and educational supervisors of trainee doctors.	University of East Anglia	Veena Rodrigues	2 weeks	03/23/15	4 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/clinical-supervision-with-confidence">https://www.futurelearn.com/courses/clinical-supervision-with-confidence</a>	FutureLearn
Health / Nursing / History	<b>The Impact Of Nursing</b>	Health is the most important thing we have, and nurses are at the forefront of healthcare delivery in a rapidly changing world. This is a central message of this free online course, which takes you on a journey from the past to the future of nursing.	University of Liverpool	Denis Parkinson	4 weeks	03/23/15	3 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/the-impact-of-nursing">https://www.futurelearn.com/courses/the-impact-of-nursing</a>	FutureLearn
Health / Pharmacology	<b>The Science of Medicines</b>	The world's growing population faces major health issues, and medicines are a primary pillar to effect better health. Learn about the science of key medicines used to manage heart disease, depression, diabetes, pain control and smoking cessation.	Monash University	Ian Larson	6 weeks	03/23/15	3 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/the-science-of-medicines">https://www.futurelearn.com/courses/the-science-of-medicines</a>	FutureLearn

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Health / Immunology	<b>The Immune System: New Developments in Research</b>	This course will provide fundamental knowledge in immunology as well as some advanced topics from cutting-edge research results, such as cancer immunotherapy and novel vaccine development.	Osaka UniversityX	Masayuki Miyasaka,	12 weeks	04/01/15	4-6 hours of work / week	English	Certificate available	<a href="https://www.edx.org/course/immune-system-new-osakaux-bio101x#VOAJFUJBef8">https://www.edx.org/course/immune-system-new-osakaux-bio101x#VOAJFUJBef8</a>	EdX
Health / Medicine / Education / Anatomy	<b>Exploring Anatomy: The Human Abdomen</b>	Explore the anatomy of the human abdomen and appreciate its clinical importance.	University of Leeds	James Pickering	3 weeks	04/06/15	4 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/anatomy">https://www.futurelearn.com/courses/anatomy</a>	FutureLearn
Health / Education / Medicine / Healthcare workers	<b>Career 911: Your Future Job in Medicine and Healthcare</b>	This course aims to help high school students, recent graduates, and those considering career transitions explore health care career options and learn strategies for entry into the health care workforce and health related fields.	Northwestern University	Melissa A. Simon	6 weeks	04/13/15	3-5 hours of work / week	English	Statement of Accomplishment	<a href="https://www.coursera.org/course/healthcarejobs">https://www.coursera.org/course/healthcarejobs</a>	Courseera
Health / Global health	<b>An Introduction to Global Health</b>	This course will provide you with an overview of the most important health challenges facing the world today. You will gain insight into how challenges have changed over time, we will discuss the likely determinants of such changes and examine future projections. Successful international strategies and programs promoting human health will be highlighted and global health governance structures will be mapped and the role of the key actors explored.	University of Copenhagen	Flemming Konradsen	6 weeks	04/13/15	3-5 hours of work / week	English with subtitles in Italian, Portuguese & Spanish	Statement of Accomplishment	<a href="https://www.coursera.org/course/globalhealthintro">https://www.coursera.org/course/globalhealthintro</a>	Courseera
Health / Global health	<b>An Introduction to Population Health</b>	This MOOC is aimed at anyone wishing to understand the basics of population health. Our aim is to prompt any participant to reconsider the decisions they make about their own health or the health of others (if they are taking the course as a health professional).	University of Manchester	Roger Harrison & Arpana Verma Katie Reed	6 weeks	04/13/15	1 - 3 hours per week	English with English subtitles	Verified certificate	<a href="https://www.coursera.org/course/population">https://www.coursera.org/course/population</a>	Courseera
Health / Global health / Chronic diseases / Diabetes	<b>Diabetes - a Global Challenge</b>	Diabetes is a growing health problem in rich and poor countries alike. With this course you will get updated on cutting-edge diabetes research including biological, genetic and clinical aspects as well as prevention and epidemiology of diabetes. All provided by high-profile scientists from one the world's leading universities in diabetes research.	University of Copenhagen	Jens Juul Holst & Signe Sørensen Torekov	5 weeks	04/13/15	3-5 hours of work / week	English with English subtitles	Statement of Accomplishment	<a href="https://www.coursera.org/course/diabetes">https://www.coursera.org/course/diabetes</a>	Courseera
Health / Practice / Community change	<b>Community Change in Public Health</b>	This course examines the community context of the changes needed to promote the public's health.	Johns Hopkins University	William Brieger	6 weeks	04/13/15	5-8 hours of work / week	English with English subtitles	Verified certificate	<a href="https://www.coursera.org/course/communitychange">https://www.coursera.org/course/communitychange</a>	Courseera
Health / Healthcare / Mental health	<b>Psychology And Mental Health: Beyond Nature And Nurture</b>	Learn how a psychological understanding of our emotions and behavior gives us new ways to improve mental health and well-being.	University of Liverpool	Peter Kinderman	6 weeks	04/20/15	3 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/mental-health-and-well-being">https://www.futurelearn.com/courses/mental-health-and-well-being</a>	FutureLearn
Health/ Management	<b>Health Leadership – Leading and managing healthcare</b>	We look in detail at the history of management and leadership theories in general and then consider what it means to lead and manage within a healthcare context. How is this different or similar to management and leadership in other industries?	UNSW Australia (The University of New South Wales)	Joanne Travaglia, Lesley Halliday & Lois Meyer	8 weeks	04/20/15	1-3 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/healthleadership">https://www.coursera.org/course/healthleadership</a>	Courseera

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Technology / ICT / Health / eHealth / mHealth / Informatics / Big data / Healthcare / Health management	<b>eHealth – Opportunities and Challenges</b> 	This course will introduce students to the field of eHealth and its opportunities and challenges. During the course you will get to know the different concepts that are used in the field and learn how it developed historically. This basic knowledge will help you to understand the opportunities and challenges of the field. You will meet different stakeholders from various countries and get to know their views on the opportunities and challenges of eHealth. We will introduce you to eHealth strategies and frameworks for developing and analyzing them. You will get to know methods for eHealth service development and discuss basic requirements that are necessary to achieve sustainable eHealth applications for both clinical professionals and patients.	Karolinska Institutet	Sabine Koch	6 weeks	04/22/15	5-6 hours of work / week	English	Certificate available	<a href="https://www.edx.org/course/ehealth-opportunities-challenges-kix-kihealthx#_VOAP7EJBef8">https://www.edx.org/course/ehealth-opportunities-challenges-kix-kihealthx#_VOAP7EJBef8</a>	EdX
Health / Global Health / Reproductive health / Gender/ Sexual & Reproductive Health Rights	<b>Global Perspectives on Sexual and Reproductive Health and Rights (SRHR)</b>	Questions related to sexuality and reproduction are intimately linked to health, well-being and human rights. In this course, you will gain a unique opportunity to explore the field of SRHR together with participants from around the world, and to reflect upon themes and issues that are of global relevance.	Lund University	Anette Agardh & Jerker Liljestrand	5 weeks	04/27/15	5-7 hours of work / week	English	Statement of Accomplishment	<a href="https://www.coursera.org/course/globalshr">https://www.coursera.org/course/globalshr</a>	Coursera
Health / Psychology	<b>Psychological First Aid</b>	Learn to provide psychological first aid to people in an emergency by employing the RAPID model: Reflective listening, Assessment of needs, Prioritization, Intervention, and Disposition.	Johns Hopkins University	George Everly, Jr.	6 weeks	05/02/15	2-3 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/psychfirstaid">https://www.coursera.org/course/psychfirstaid</a>	Coursera
Health / Medicine / Genetics	<b>Myths and Realities of Personalized Medicine: The Genetic Revolution</b>	Learn about the concept of “personalized medicine” and the impact that our enhanced understanding of genetics has had on modern medicine and society.	UNSW Australia (The University of New South Wales)	Caroline Ford, Orin Chisholm, Sheri Nixdorf & Rachel Williams	8 weeks	05/11/15	4-6 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/personalisedmed">https://www.coursera.org/course/personalisedmed</a>	Coursera
Health / Global health / Chronic diseases	<b>Bacteria and Chronic Infections</b>	This course will give you an introduction to bacteria and chronic infections. Leading experts in the field will make you familiar with the fundamental concepts of microbiology and bacteriology such as single cell bacteria, biofilm formation, and acute and chronic infections.	University of Copenhagen	Thomas Bjarnsholt	6 weeks	05/13/15	2-3 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/bacteria">https://www.coursera.org/course/bacteria</a>	Coursera
Technology / ICT / Education / Digital literacy / Assessments	<b>Performance Assessment in the Virtual Classroom</b>	Performance and Assessment in the Virtual Classroom explores the myths and challenges of assessing performance virtually. Topics include effective measures of assessing students, compliance issues, feedback models for students, online gradebook functions, and data analysis. Part of the Virtual Teacher Program Specialization.	University of California, Irvine	Racquel Nedden	5 weeks	05/18/15	2-3 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/virtualassessment">https://www.coursera.org/course/virtualassessment</a>	Coursera
Technology / ICT / Mobile technology / Economic aspects / Policy	<b>Understanding Wireless: Technology, Economics, and Policy</b> 	This survey style course offers an opportunity to gain understanding of the technical, regulatory, and economic aspects of the mobile wireless revolution and its impact on society.	University of Notre Dame		6 weeks	05/18/15	5-7 hours of work / week	English	Certificate available	<a href="https://www.edx.org/course/understanding-wireless-technology-notredamex-eg240x#_VOASnEJBef8">https://www.edx.org/course/understanding-wireless-technology-notredamex-eg240x#_VOASnEJBef8</a>	EdX
Health / Healthcare / Elderly / Ageing	<b>Ageing Well: Falls</b>	Explore why people fall, discover practical methods to reduce the risk of falling and recognize when to seek expert help.	Newcastle University	Julia Newton & James Frith	4 weeks	09/07/15	2 hours of work / week	English	Certificate available	<a href="https://www.futurelearn.com/courses/falls">https://www.futurelearn.com/courses/falls</a>	FutureLearn



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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Global Health / Climate change / Mitigation	<b>Climate Change Policy and Public Health</b>	Explore current evidence linking climate change and public health while learning the fundamental co-benefits of climate change mitigation. Evaluate policies and interventions while gaining hands on experience communicating climate science and health to policy makers and the general public.	University of Wisconsin –Madison	Jonathan Patz	4 weeks	11/09/15	4-8 hours of work / week	English	Statement of Accomplishment	<a href="https://www.coursera.org/course/ccandph">https://www.coursera.org/course/ccandph</a>	Coursera
Health / Global health/ Infectious diseases / Epidemics	<b>Epidemics</b>	Despite all the remarkable technological breakthroughs that we have made over the past few decades, the threat from infectious diseases has significantly accelerated. In this course, we will learn why this is the case by looking at the fundamental scientific principles underlying epidemics and the public health actions behind their prevention and control in the 21st century.	University of Hong Kong	Gabriel M. Leung	9 weeks	Late 2015	2-3 hours of work / week	English	Certificate available	<a href="https://www.edx.org/course/epidemics-hkx-hku01x-0#VOATfkJBef8">https://www.edx.org/course/epidemics-hkx-hku01x-0#VOATfkJBef8</a>	EdX
Health / Microbes / Antibiotic practices	<b>Antimicrobial Stewardship: Managing Antibiotic Resistance</b>	Antimicrobial stewardship is a fast-growing field that aims to address this issue, by managing our use of antibiotics and reducing the spread of antimicrobial resistance. This free online course will help you understand what antimicrobial stewardship is and how you can apply it everyday.	University of Dundee	Dilip Nathwani	8 weeks	Late 2015		English		<a href="https://www.futurelearn.com/courses/antimicrobial-stewardship">https://www.futurelearn.com/courses/antimicrobial-stewardship</a>	FutureLearn
Health / Global health	<b>An Introduction to Global Health</b>	The main aim of the course is to describe and analyze variation in health between and within countries. This will provide an understanding of causes of the variation. The course will include measurements and determinants of health. Further, the course offers a public health perspective of the global burden of diseases.	Karolinska Institutet	Asli Khulane & Anna Mia Ekström	6 weeks	Early 2016	5-8 hours of work / week	English		<a href="https://www.edx.org/course/introduction-global-health-kix-kiglobalhx#VOAixUJBef8">https://www.edx.org/course/introduction-global-health-kix-kiglobalhx#VOAixUJBef8</a>	EdX

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**COURSES WITH NO SCHEDULED SESSIONS (63)**

WOMEN'S HEALTH COURSES	WOMEN & ICT COURSES	ICT & HEALTH COURSES
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COURSES WITH FOCUS ON MOBILE TECHNOLOGY 

Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Pharmacology / Mental health / Neuroscience / Substance abuse	<b>Drugs and the Brain</b>	The neuroscience of drugs for therapy, for prevention, and for recreation. Drug addiction and drug abuse. You'll learn the prospects for new generations of medications in neurology, psychiatry, aging, and treatment of substance abuse.	Caltech	Henry A. Lester		No scheduled sessions	4-6 hours of work / week	English		<a href="https://www.coursera.org/course/drugsandbrain">https://www.coursera.org/course/drugsandbrain</a>	Coursera
Health / Healthcare / Healthcare quality	<b>Take the Lead on Healthcare Quality Improvement</b>	This course presents the concepts and processes of quality improvement (QI) and the importance of QI in improving patient outcomes. Its aim is to enhance the competence of working healthcare professionals to lead and participate in interprofessional healthcare teams that are focused on quality improvement.	Case Western Reserve University	Mary A. Dolansky, Shirley Moore & Mamta K Singh		No scheduled sessions	5-7 hours of work / week	English		<a href="https://www.coursera.org/course/hcqualityimprovement">https://www.coursera.org/course/hcqualityimprovement</a>	Coursera
Health / Virology	<b>How Viruses Cause Disease</b>	Introductory virology course that covers the interplay between viruses and their host organisms, with the goal of understanding viral diseases and their prevention.	Columbia University	Vincent Racaniello	12 weeks	No scheduled sessions	3-4 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/virology2">https://www.coursera.org/course/virology2</a>	Coursera
Health / Virology	<b>Virology I: How Viruses Work</b>	Introductory virology course emphasizing the common reactions that must be completed by all viruses for successful reproduction within a host cell.	Columbia University	Vincent Racaniello	11 weeks	No scheduled sessions	3-4 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/virology">https://www.coursera.org/course/virology</a>	Coursera
Health / Global health / Healthcare/ Innovation	<b>Healthcare Innovation and Entrepreneurship</b>	This interdisciplinary course focuses on sustainable innovation, introducing entrepreneurial students to the realities of problem identification and solution design within the complex world of healthcare.	Duke University	Marilyn M. Lombardi & Bob Barnes	6 weeks	No scheduled sessions	5-7 hours of work / week	English with English subtitles	Verified certificate	<a href="https://www.coursera.org/course/healthcareinnovation">https://www.coursera.org/course/healthcareinnovation</a>	Coursera
Health/ Water treatment	<b>Introduction to Household Water Treatment and Safe Storage</b>	Learn about the most important water treatment methods at household level, successful implementation strategies and about assessing the impact of Household Water Treatment and Safe Storage (HWTS).	École Polytechnique Fédérale de Lausanne	Rick Johnston	5 weeks	No scheduled sessions	6-8 hours of work / week	English with French subtitles		<a href="https://www.coursera.org/course/hwts">https://www.coursera.org/course/hwts</a>	Coursera
Health/ Water treatment	<b>Planning &amp; Design of Sanitation Systems and Technologies</b>	Learn more about how to plan for urban sanitation at city and local/community levels, different sanitation system and technology configurations and examples of successful and failed urban sanitation systems in low- and middle-income countries.	École Polytechnique Fédérale de Lausanne	Christoph Lüthi		No scheduled sessions	4-6 hours of work / week	English with French subtitles		<a href="https://www.coursera.org/course/sanitation">https://www.coursera.org/course/sanitation</a>	Coursera
Health / Global health / Infectious diseases / Epidemics / AIDS	<b>AIDS</b>	This course will discuss HIV/AIDS in the US and around the world including its history, science, and culture as well as developments in behavioral and biomedical prevention, experimental AIDS vaccines, and clinical care issues. The course will also include a discussion of the populations that are particularly vulnerable to HIV/AIDS and a look at future challenges facing people infected and affected by the AIDS pandemic.	Emory University	Kimberley Sessions Hagen		No scheduled sessions	3-4 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/aids">https://www.coursera.org/course/aids</a>	Coursera
Health / Mental health / Neuroscience / Substance abuse	<b>The Addicted Brain</b>	This is a course about addiction to drugs and other behaviors. It will describe what happens in the brain and how this information helps us deal with and overcome addiction. It will also discuss other topics such as government policy and our vulnerability to take drugs.	Emory University	Michael Kuhar		No scheduled sessions	3-4 hours of work / week	English		<a href="https://www.coursera.org/course/addictedbrain">https://www.coursera.org/course/addictedbrain</a>	Coursera

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Women's Health / Antenatal care / Childbirth	<b>Childbirth: A Global Perspective</b>	This course will review challenges for maternal and newborn health in the developing world, where a great many women and babies are suffering from complications during pregnancy, childbirth, and the days following birth. Themes covered include the epidemiology of maternal and newborn mortality and morbidity, relevant issues for the global health workforce, community-based interventions to improve maternal and newborn health and survival, and <del>sociocultural dynamics surrounding birth</del> .	Emory University	Lynn Sibley	6 weeks	No scheduled sessions	2-4 hours of work / week	English with English subtitles	Verified certificate	<a href="https://www.coursera.org/course/pregnancychildbirth">https://www.coursera.org/course/pregnancychildbirth</a>	Coursera
Technology / ICT / Education / Digital literacy	<b>Fundamentals of Online Education: Planning and Application</b>	This is an introductory course on the fundamentals of online education. You will learn how to convert your face-to-face class into a robust online course based on theory and practice.	Georgia Institute of Technology	Fatimah Wirth		No scheduled sessions	5-7 hours of work / week	English		<a href="https://www.coursera.org/course/foe">https://www.coursera.org/course/foe</a>	Coursera
Technology / ICT / Health / Bioinformatics / Sensors / Health management / Health Management	<b>Healthcare Technologies to Assess Human Behavior for Health Management</b>	Introduction to Behavioral Imaging, a new research field which encompasses the measurement, modeling, analysis, and visualization of behaviors from multi-modal sensor data. It is tailored for undergraduate and graduate students who are interested in this emerging field.	Georgia Institute of Technology	Jim Rehg		No scheduled sessions	5-7 hours of work / week	English		<a href="https://www.coursera.org/course/healthingaging">https://www.coursera.org/course/healthingaging</a>	Coursera
Technology / ICT / Health / eHealth / Health informatics	<b>Health Informatics in the Cloud</b>	A non-technical introduction to the contemporary application of computing to healthcare delivery, public health and community-based clinical research.	Georgia Institute of Technology	Mark L. Braunstein		No scheduled sessions	5-7 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/healthinginformatics">https://www.coursera.org/course/healthinginformatics</a>	Coursera
Technology / ICT / Health / Informatics / Healthcare / Big Data / Visualization	<b>Healthcare Data Visualization</b>	An overview to the state of the art of interactive data visualization in healthcare. The course will cover data visualization principles, methods, and techniques.	Georgia Institute of Technology	Rahul Basole		No scheduled sessions		English		<a href="https://www.coursera.org/course/healthingdatavisual">https://www.coursera.org/course/healthingdatavisual</a>	Coursera
Technology / ICT / Health / Informatics / Healthcare / Health research	<b>Contemporary Health Informatics</b>	Part of the "Healthcare Informatics & Data Analytics Specialization", this course provides a non-technical introduction to the contemporary application of computing to healthcare delivery, public health and community-based clinical research.	Georgia Institute of Technology	Mark L. Braunstein		No scheduled sessions	5-7 hours of work / week	English		<a href="https://www.coursera.org/course/modernhealthinfo">https://www.coursera.org/course/modernhealthinfo</a>	Coursera
Technology / ICT / Health / eHealth / mHealth / Mobile technology / Informatics / Big data / Healthcare / Health management	<b>Mobile Healthcare technologies for patients and providers</b>	Introduction to Biomedical and Health Informatics (BHI) that covers: 1) Informatics needs driven by Big Data generated from current biomedicine and health care (e.g., cancer, cardiovascular disease, aging population, etc.) 2) Informatics challenges and common methodologies 3) Progress made in BHI and opportunities.	Georgia Institute of Technology	May Dongmei Wang		No scheduled sessions		English		<a href="https://www.coursera.org/course/introbiomedhthinfo">https://www.coursera.org/course/introbiomedhthinfo</a>	Coursera
Technology / ICT / Health / Informatics / Healthcare / Big Data / EHR	<b>Big Data Analytics for Healthcare</b>	Part of the "Healthcare Informatics & Data Analytics Specialization", this course introduces the characteristics and related analytic challenges on dealing with clinical data from electronic health records. Many of those insights come from medical informatics community and data mining/machine learning community.	Georgia Institute of Technology	Jimeng Sun		No scheduled sessions		English		<a href="https://www.coursera.org/course/bigdataanalytics">https://www.coursera.org/course/bigdataanalytics</a>	Coursera
Health / Global health/ Infectious diseases / Epidemics / TB	<b>Global Tuberculosis (TB) Clinical Management and Research</b>	Health Care Workers and Health Professions Students can prepare to plan and deliver TB care in their communities by applying the latest clinical and research data presented in this nine-week course focusing on TB/HIV Co-Infection.	Johns Hopkins University	Jason Farley & Richard E. Chaisson		No scheduled sessions	2-4 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/tbmanagement">https://www.coursera.org/course/tbmanagement</a>	Coursera

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Health education / Training / CHW	<b>Training and Learning Programs for Volunteer Community Health Workers</b>	Learn how to organize and deliver training and learning programs for volunteer community health workers.	Johns Hopkins University	William Brieger	7 weeks	No scheduled sessions	5-7 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/commhealthworkers">https://www.coursera.org/course/commhealthworkers</a>	Coursera
Health / Healthcare / Mental health	<b>Major Depression in the Population: A Public Health Approach</b>	Illustrates the principles of public health applied to depressive disorder, including principles of epidemiology, transcultural psychiatry, health services research, and prevention.	Johns Hopkins University	William Eaton, Wietse A. Tol & Ramin Mojtabai	7 weeks	No scheduled sessions	2-5 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/pmdepression">https://www.coursera.org/course/pmdepression</a>	Coursera
Health / Healthcare / Policy / Safety	<b>The Science of Safety in Healthcare</b>	Health professionals and students and health consumers interested in learning about patient safety will acquire foundational knowledge of the principles of the science and culture of safety in healthcare in this five-week course.	Johns Hopkins University	Cheryl Dennison Himmelfarb, Peter J. Pronovost, & Albert Wu	5 weeks	No scheduled sessions	2-5 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/healthcaresafety">https://www.coursera.org/course/healthcaresafety</a>	Coursera
Health / Research / Immunology / Vaccines / Clinical trials	<b>Vaccine Trials: Methods and Best Practices</b>	This course will explore the process of evaluating investigational vaccines in clinical trials including informed consent, recruitment, enrollment, safety evaluation, and quality data collection.	Johns Hopkins University	Karen R. Charron & Amber Bickford Cox		No scheduled sessions	3-5 hours of work / week	English		<a href="https://www.coursera.org/course/vaccctrials">https://www.coursera.org/course/vaccctrials</a>	Coursera
Health / Research / Statistics	<b>Statistical Reasoning for Public Health 1: Estimation, Inference, &amp; Interpretation</b>	A conceptual and interpretive public health approach to some of the most commonly used methods from basic statistics.	Johns Hopkins University	John McGready	8 weeks	No scheduled sessions	7-9 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/statreasoning">https://www.coursera.org/course/statreasoning</a>	Coursera
Technology / ICT / Health / Medicine / Bioinformatics / Genetics	<b>Bioinformatics: Life Sciences on Your Computer</b>	What makes bioinformatics education exciting is that people of a variety of education levels can get started quickly, with just a computer and internet access.	Johns Hopkins University	Bob Lessick	5 weeks	No scheduled sessions	4-8 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/bioinform">https://www.coursera.org/course/bioinform</a>	Coursera
Technology / ICT / Media / Internet / Google	<b>Understanding Media by Understanding Google</b>	Few people who "just Google it" to find an answer to their every question understand just what the company does (and why). Through this course, you'll join the minority that really gets it.	Northwestern University	Owen R. Youngman		No scheduled sessions	4-6 hours of work / week	English with Chinese subtitles		<a href="https://www.coursera.org/course/googlemedia">https://www.coursera.org/course/googlemedia</a>	Coursera
Technology / ICT / Health / Medicine / Bioinformatics / Genetics	<b>Bioinformatics: Introduction and Methods</b>	This course teaches the concepts and computational methods in the exciting interdisciplinary field of bioinformatics and their applications in life sciences.	Peking University	Ge Gao & Liping Wei	12 weeks	No scheduled sessions	2-3 hours of work / week	English & Mandarin Chinese with English subtitles	Verified certificate	<a href="https://www.coursera.org/course/pkubioinfo">https://www.coursera.org/course/pkubioinfo</a>	Coursera
Technology / ICT / Internet / Cybersecurity	<b>Networks: Friends, Money, and Bytes</b>	A course driven by 20 practical questions about wireless, web, and the Internet, about how products from companies like Apple, Google, Facebook, Netflix, Amazon, Ericsson, HP, Skype and AT&T work. In this offering, we will cover 7 of the 20 questions, and you will have the opportunity to personalize your own learning experience by choosing which of the versions suits you best.	Princeton University	Mung Chiang		No scheduled sessions	3-5 hours of work / week	English		<a href="https://www.coursera.org/course/friendsmoneybytes">https://www.coursera.org/course/friendsmoneybytes</a>	Coursera
Technology / ICT / Health / eHealth / Nanosensors	<b>Nanotechnology: The Basics</b> 	Nanotechnology is an emerging area that engages almost every technical discipline – from chemistry to computer science – in the study and application of extremely tiny materials. This short course allows any technically savvy person to go one layer beyond the surface of this broad topic to see the real substance behind the very small.	Rice University	Vicki Colvin & Daniel Mittleman	9 weeks	No scheduled sessions	4-8 hours of work / week	English with Chinese subtitles	Verified certificate	<a href="https://www.coursera.org/course/nanotech">https://www.coursera.org/course/nanotech</a>	Coursera

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Global health / Women's health / Human trafficking	<b>Human Trafficking</b>	Did you know that human trafficking is a form of modern day slavery? Slavery has been around since the beginning of civilization and still persists across our world today. As a human rights issue, it is important to increase awareness as a starting point down the journey toward freedom for all.	The Ohio State University	Jacquelyn Meshelemiah		No scheduled sessions		English		<a href="https://www.coursera.org/course/humantrafficking">https://www.coursera.org/course/humantrafficking</a>	Coursera
Technology / ICT / Health / eHealth / Bioinformatics / Ethics	<b>Technology and Ethics</b>	The meteoric rise of technologies used in our everyday life for profit, power, or improvement of an individual's life can, on occasion, cause cultural stress as well as ethical challenges. In this course, we will explore how these multifaceted impacts might be understood, controlled and mitigated.	The Ohio State University	Robert Bailey		No scheduled sessions	3-5 hours of work / week	English		<a href="https://www.coursera.org/course/techethics">https://www.coursera.org/course/techethics</a>	Coursera
Health / Youth / Children's health / Psychology	<b>The Clinical Psychology of Children and Young People</b>	The course will cover the basic guiding principles of the Clinical Psychology of Children and Young People and illustrate how theories of psychological development can be applied in understanding children and young people's mental health and well being within a wider societal and cultural context. We will also discuss current psychological models of prevention and treatment for Children and Young People.	The University of Edinburgh	Matthias Schwannauer , Stella Chan, Emily Taylor & Joanne Williams		No scheduled sessions	1 - 3 hours per week	English		<a href="https://www.coursera.org/course/clinicalpsych">https://www.coursera.org/course/clinicalpsych</a>	Coursera
Technology / ICT / Education / Digital literacy	<b>E-learning and Digital Cultures</b>	This course will explore how digital cultures and learning cultures connect, and what this means for the ways in which we conduct education online. The course is not about how to 'do' e-learning; rather, it is an invitation to view online educational practices through a particular lens – that of popular and digital culture.	The University of Edinburgh	Sian Bayne, Jeremy Knox, Hamish A. Macleod, Jen Ross & Christine Sinclair	5 weeks	No scheduled sessions	5-7 hours of work / week	English		<a href="https://www.coursera.org/course/edc">https://www.coursera.org/course/edc</a>	Coursera
Technology / ICT / Gamification / Video games / Gender issues	<b>Understanding Video Games</b>	An 11-lesson course teaching a comprehensive overview of analytical theory pertaining to video game media. Topics covered: play and game, emergence versus progression, game mechanics, story, interpretive theory, the culture of games, violence, sex and race in games, and finally, serious games.	University of Alberta	Leah Hackman & Sean Gouglas	11 weeks	No scheduled sessions	3-5 hours of work / week for non-credit; 7-10 hours/week for credit	English	Verified certificate	<a href="https://www.coursera.org/course/uvg">https://www.coursera.org/course/uvg</a>	Coursera
Health / Public health	<b>Principles of Public Health</b>	Principles of Public Health introduces the major concepts and principles of public health and the determinants of health status in communities. Emphasizes the ecological model that focuses on the linkages and relationships among multiple natural and social determinants affecting health.	University of California, Irvine	Zuzana Bic		No scheduled sessions	6-8 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/publichealth">https://www.coursera.org/course/publichealth</a>	Coursera
Health / Global health / Chronic diseases / Diabetes	<b>Diabetes: Diagnosis, Treatment, and Opportunities</b>	This multidisciplinary course will emphasize the diagnosis and treatment of diabetes. Topics will include patient self-management, appropriate use of technologies, nutrition, behavior modification and pharmacotherapy in the management of this disease. The course will conclude by summarizing new basic science research regarding the pathophysiology and treatment of diabetes.	University of California, San Francisco	B. Joseph Guglielmo & Lisa A. Kroon		No scheduled sessions	4-6 hours of work / week	English		<a href="https://www.coursera.org/course/ucsfdiabetes">https://www.coursera.org/course/ucsfdiabetes</a>	Coursera
Health / Healthcare / Interpersonal communication	<b>Collaboration and Communication in Healthcare: Interprofessional Practice</b>	Interprofessional collaborative practice is key to safe, high quality, accessible, patient-centered care. This course aims to introduce health professions learners to the fundamental principles and skills for effective interprofessional collaborative practice.	University of California, San Francisco	Maria Wamsley, Angel Chen, Josette Rivera, Susan Hyde & Rebecca Shunk	5 weeks	No scheduled sessions	4-6 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/interprofessional">https://www.coursera.org/course/interprofessional</a>	Coursera

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Nutrition	<b>Nutrition for Health Promotion and Disease Prevention</b>	This course covers the basics of normal nutrition for optimal health outcomes and evidence-based diets for a variety of diseases.	University of California, San Francisco	Katie Ferraro	6 weeks	No scheduled sessions	4-6 hours of work / week	English with English subtitles	Verified certificate	<a href="https://www.coursera.org/course/nutrition">https://www.coursera.org/course/nutrition</a>	Coursera
Health / Research	<b>Understanding Research: An Overview for Health Professionals</b>	Participants will learn the elements of research methods and design that are essential to the translation of knowledge into clinical practice, administration/leadership, and health policy.	University of California, San Francisco	Abbey Alkon	6 weeks	No scheduled sessions	2-4 hours of work / week	English with English subtitles	Verified certificate	<a href="https://www.coursera.org/course/researchforhealth">https://www.coursera.org/course/researchforhealth</a>	Coursera
Health / Toxicology / Emergency response	<b>Poisonings in the Home and Community: Assessment and Emergency Response</b>	This is a survey course on the principles of Clinical Toxicology. The emphasis will be pre-hospital and emergency hospital management of poisonings with a case-oriented lecture format. The topics are prioritized by prevalence of human poisoning, natural and synthetic toxins, and target organ effects.	University of California, San Francisco	Thomas Kearney	6 weeks	No scheduled sessions	3-4 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/poisonings">https://www.coursera.org/course/poisonings</a>	Coursera
Health / Women's Health / Reproductive health / Abortion	<b>Abortion: Quality Care and Public Health Implications</b>	Abortion is a common experience for women around the world; yet, abortion is often excluded from the curricula of health professionals. This course, geared toward clinicians, health care workers, and students, aims to address this gap and will contextualize abortion care within a public health framework from both clinical and social perspectives.	University of California, San Francisco	Jody Steinauer	6 weeks	No scheduled sessions	3-5 hours of work / week	English	Verified certificate	<a href="https://www.coursera.org/course/abortion">https://www.coursera.org/course/abortion</a>	Coursera
Health / Women's Health / Reproductive health / Contraception	<b>Contraception: Choices, Culture and Consequences</b>	Learn about the wide range of contraceptive methods, and the public health implications related to access to information and choices about reproductive health.	University of California, San Francisco	Jerusalem Makonnen		No scheduled sessions	3-5 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/contraception">https://www.coursera.org/course/contraception</a>	Coursera
Health / Health care / Health care quality / Health care delivery	<b>Fixing Healthcare Delivery</b>	Isn't it time to end the loss of life from preventable medical errors? Each year 100,000 patients die from preventable errors in the U.S. How can you help to change this intractable problem? Knowledge is power, and this course will provide you with a deep understanding of the problems and the solutions. You can become part of the solution.	University of Florida	Frederick S. Southwick	8 weeks	No scheduled sessions	2-4 hours of work / week	English		<a href="https://www.coursera.org/course/fixinghealthcare">https://www.coursera.org/course/fixinghealthcare</a>	Coursera
Health / Nutrition	<b>Fundamentals of Human Nutrition</b>	This introductory course provides an overview of the principles of nutritional science. Subject matter includes description and functions of nutrients, digestion and absorption, effects of nutrient deficiencies and toxicities, requirements, food sources, nutrient interactions, dietary guidelines, and the role of nutrition in health and disease.	University of Florida	Kristina von Castel-Roberts		No scheduled sessions	4-10 hours of work / week	English		<a href="https://www.coursera.org/course/humannutrition">https://www.coursera.org/course/humannutrition</a>	Coursera
Health / Global health	<b>Global Health: An Interdisciplinary Overview</b>	This course proposes an overview of current global health challenges drawing on the insights of several academic disciplines including medicine, public health, law, economics, social sciences and humanities. This interdisciplinary approach will guide the student into seven critical topics in global health.	University of Geneva	Antoine Geissbuhler, Louis Loutan, Samantha Battams, Didier Wernli, Slim Slama & Rafael Ruiz De Castaneda		No scheduled sessions	6- 7 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/globalhealthoverview">https://www.coursera.org/course/globalhealthoverview</a>	Coursera
Health/ Water treatment / Global South	<b>Water Supply and Sanitation Policy in Developing Countries</b>	This course will examine current conditions and trends in water and sanitation services in the Global South. Within it we will take a critical look at the underlying political, economic, social, and technical reasons why almost a billion people lack access to improved water supplies and almost 2 billion still do not have improved sanitation services.	University of Manchester	Dale Whittington & Duncan Thomas		No scheduled sessions	8-10 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/water">https://www.coursera.org/course/water</a>	Coursera

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Technology / ICT / Health / Medicine / Genetics	<b>Genes and the Human Condition (From Behavior to Biotechnology)</b>	To acquire an understanding of the fundamental concepts of genomics and biotechnology, and their implications for human biology, evolution, medicine, social policy and individual life path choices in the 21st century.	University of Maryland, College Park	Raymond J. St. Leger & Tammatha O'Brien		No scheduled sessions	5-8 hours of work / week	English		<a href="https://www.coursera.org/course/genetics">https://www.coursera.org/course/genetics</a>	Coursera
Health / Global health/ Infectious diseases / Epidemics	<b>Social Epidemiology</b>	Social epidemiology is about how a society makes people sick and/or healthy. We address not only the identification of new disease risk factors (e.g., deficient social capital) but also how well-known exposures (e.g., cigarette smoking, lead paint, health insurance) emerge and are maintained by the social system.	University of Minnesota	Michael Oakes		No scheduled sessions	2-4 hours of work / week	English		<a href="https://www.coursera.org/course/social">https://www.coursera.org/course/social</a>	Coursera
Health / Healthcare / Interpersonal communication / Health literacy	<b>Health Literacy and Communication for Health Professionals</b>	In the United States, two-thirds of the population read at an eight-grade level or below. When it comes to health information, most Americans have the ability to read and write at the fifth-grade level. This inter-professional course aims to give health professionals the tools needed to improve upon their health literacy and communication skills.	University of Nebraska	Denise H. Britigan		No scheduled sessions	3-6 hours of work / week	English		<a href="https://www.coursera.org/course/healthliteracy">https://www.coursera.org/course/healthliteracy</a>	Coursera
Health / Medicine / Traditional medicine / Herbology	<b>Curanderismo: Traditional Medicine</b>	This online course will provide information on the history, traditions, rituals, herbs and remedies and video demonstrations of Curanderismo, a folk healing tradition of the Southwestern United States, Latin America and Mexico. The course will discuss the effectiveness of traditional medicine in order to meet the needs of many people, especially the uninsured.	University of New Mexico	Eliseo (Cheo) Torres		No scheduled sessions	10-12 hours of work/week	English		<a href="https://www.coursera.org/course/traditionalmedicine">https://www.coursera.org/course/traditionalmedicine</a>	Coursera
Health / Global health / Immunology / Vaccines / Vaccines safety	<b>Vaccines</b>	This course will discuss issues regarding vaccines and vaccine safety: the history, science, benefits, and risks of vaccines, together with the controversies surrounding vaccines and answers to common questions that parents have about vaccines.	University of Pennsylvania	Paul A. Offit		No scheduled sessions	2 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/vaccines">https://www.coursera.org/course/vaccines</a>	Coursera
Health / Global health / Infectious diseases / Epidemics	<b>Epidemics - the Dynamics of Infectious Diseases</b>	Malaria, HIV/AIDS, Influenza, Measles - we're in a constant battle against infectious diseases. This is a course about the dynamics of such diseases - how they emerge, how they spread around the globe, and how they can best be controlled.	University of Pennsylvania	Ottar N. Bjornstad, Rachel A. Smith, Mary L. Poss, David P. Hughes, Peter Hudson, Matthew Ferrari, Andrew Read & Marcel Salathé		No scheduled sessions	1 - 2 hours per week	English with English subtitles		<a href="https://www.coursera.org/course/epidemics">https://www.coursera.org/course/epidemics</a>	Coursera
Health / Healthcare / Mental health / ADHD	<b>Pay Attention!! ADHD Through the Lifespan</b>	This course reviews current scientific knowledge and clinical approaches to Attention-Deficit/Hyperactivity Disorder (ADHD) and examines its impact on development, functioning and health outcomes.	University of Pennsylvania			No scheduled sessions	2-4 hours of work / week	English		<a href="https://www.coursera.org/course/adhd">https://www.coursera.org/course/adhd</a>	Coursera
Health / Healthcare / Mental health / Ageing / Elderly	<b>Growing Old Around the Globe</b>	The world is ageing – people are older and societies are facing hard realities. What are we to make our lives in this time of global ageing? In six weeks, we analyze critical questions about age and ageing around the world.	University of Pennsylvania	Sarah Kagan & Anne Shoemaker		No scheduled sessions	5-10 hours of work / week	English		<a href="https://www.coursera.org/course/oldglobe">https://www.coursera.org/course/oldglobe</a>	Coursera

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Health / Medical resources	<b>Rationing and Allocating Scarce Medical Resources</b>	This course will explore the complex challenges of allocating scarce medical resources at both the micro and macro level. Students will learn the theories behind allocation and use modern examples to explore how society makes the difficult decisions that arise when there is not enough to go around.	University of Pennsylvania	Ezekiel J. Emanuel		No scheduled sessions	8-10 hours of work / week	English with English subtitles	<a href="https://www.coursera.org/course/rat-101">https://www.coursera.org/course/rat-101</a>	Coursera
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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Pharmacology	<b>Fundamentals of Pharmacology</b>	In this class you will learn how drugs affect the body, how they alter disease processes and how they might produce toxicity. We will discuss how new drugs are tested and developed prior to them being used for patient care. We will describe how personalization of medicine will become a common day reality in patient care.	University of Pennsylvania	Emma Anne Meagher		No scheduled sessions	2-6 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/pharm101">https://www.coursera.org/course/pharm101</a>	Coursera
Technology / ICT / Internet / Cybersecurity	<b>Networked Life</b>	Networked Life will explore recent scientific efforts to explain social, economic and technological structures -- and the way these structures interact -- on many different scales, from the behavior of individuals or small groups to that of complex networks such as the Internet and the global economy.	University of Pennsylvania	Michael Kearns		No scheduled sessions	1-3 hours of work / week	English		<a href="https://www.coursera.org/course/networked">https://www.coursera.org/course/networked</a>	Coursera
Health / Nutrition / Physical activity	<b>Nutrition and Physical Activity for Health</b>	This course will provide a coherent, understandable look at the evidence on how nutrition and physical activity impact health through lower morbidity, longevity, and quality of life.	University of Pittsburgh	Amy D. Rickman & John M. Jakicic	6 weeks	No scheduled sessions	3-5 hours of work / week	English with English subtitles		<a href="https://www.coursera.org/course/nutritionforhealth">https://www.coursera.org/course/nutritionforhealth</a>	Coursera
Health / Healthcare / Mental health	<b>The Social Context of Mental Health and Illness</b>	Learn how social factors promote mental health, influence the onset and course of mental illness, and affect how mental illnesses are diagnosed and treated.	University of Toronto	Charmaine Williams	6 weeks	No scheduled sessions	5-7 hours of work / week	English		<a href="https://www.coursera.org/course/mentalhealth">https://www.coursera.org/course/mentalhealth</a>	Coursera
Technology / ICT / Health / Medicine / Neuroscience	<b>Computational Neuroscience</b>	Understanding how the brain works is one of the fundamental challenges in science today. This course will introduce you to basic computational techniques for analyzing, modeling, and understanding the behavior of cells and circuits in the brain. You do not need to have any prior background in neuroscience to take this course.	University of Washington	Rajesh P. N. Rao & Adrienne Fairhall		No scheduled sessions	4-6 hours of work / week	English		<a href="https://www.coursera.org/course/computationalneuro">https://www.coursera.org/course/computationalneuro</a>	Coursera
Technology / ICT / Education / Digital literacy / Gamification	<b>Video Games and Learning</b>	Video games aren't just fun, they can be powerful vehicles for learning as well. In this course, we discuss research on the kinds of thinking and learning that go into video games and gaming culture, benefits and drawbacks of digital gameplay, tensions between youth culture and traditional education, and new developments intended to bridge that growing divide.	University of Wisconsin – Madison	Constance Steinkuehler & Kurt Squire	6 weeks	No scheduled sessions	4-6 hours of work / week	English		<a href="https://www.coursera.org/course/videolearning">https://www.coursera.org/course/videolearning</a>	Coursera
Technology / ICT / Internet / Cybersecurity	<b>Cybersecurity and Its Ten Domains</b>	Learn about the ten domains of cybersecurity through the lens of subject area experts from companies such as Coca Cola, SAP, and Macy's.	University System of Georgia	Humayun Zafar & Andy Green		No scheduled sessions	1-3 hours of work / week	English		<a href="https://www.coursera.org/course/cybersec">https://www.coursera.org/course/cybersec</a>	Coursera
Technology / ICT / Education / Digital literacy	<b>Learning to Teach Online</b>	the Learning to Teach Online (LTTO) MOOC is designed to help existing educators establish or improve their own online or blended teaching practices. The target audience is primarily teachers in higher education, K-12, community college, and vocational or private education.	UNSW Australia (The University of New South Wales)	Simon McIntyre & Negin Mirriahi		No scheduled sessions	3-6 hours of work / week	English		<a href="https://www.coursera.org/course/ltto">https://www.coursera.org/course/ltto</a>	Coursera
Health / Nutrition	<b>Nutrition, Health, and Lifestyle: Issues and Insights</b>	This seven week course will explore nutrition concepts that take center stage in mainstream media outlets and become conversation topics among consumers interested in food choice as it relates to optimal health and physical performance.	Vanderbilt University	Jamie Pope		No scheduled sessions	2-4 hours of work / week	English		<a href="https://www.coursera.org/course/lifeandnutr">https://www.coursera.org/course/lifeandnutr</a>	Coursera

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COURSES ON DEMAND (147)

WOMEN'S HEALTH COURSES	WOMEN & ICT COURSES	ICT & HEALTH COURSES	 COURSES WITH FOCUS ON MOBILE TECHNOLOGY
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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Global health / Chronic diseases / COPD	<b>Global Health Initiative: Chronic Obstructive Pulmonary Disease Awareness</b>	The course begins by defining what COPD is, and detailing the two types of COPD and important facts and statistics about the disease. It then goes on to describe aspects such as symptoms and risk factors that are associated with the disease and how COPD can be diagnosed and prevented. Finally, the course describes how a patient can live with COPD and how family, friends and colleagues can cope with and support a person with COPD.	Advance Learning		2-3 hours	On demand	Self-paced online course	English; Italian	Certificate available	<a href="http://alison.com/courses/GHI-COPD">http://alison.com/courses/GHI-COPD</a> <a href="http://alison.com/courses/GHI-COPD-Italian">http://alison.com/courses/GHI-COPD-Italian</a>	Alison.com
Health / Global health / Chronic diseases / Diabetes	<b>Global Health Initiative: Diabetes Awareness</b>	The course begins by defining what diabetes is, and lists the three types of diabetes and important facts and statistics about the disease. It then goes on to describe aspects such as symptoms and risk factors that are associated with the disease and how diabetes can be diagnosed and prevented. Finally, the course describes how a patient can live with diabetes and how family, friends and colleagues can cope with and support a person with diabetes.	Advance Learning		2-3 hours	On demand	Self-paced online course	English; Italian	Certificate available	<a href="http://alison.com/courses/GHI-Diabetes-Awareness">http://alison.com/courses/GHI-Diabetes-Awareness</a> <a href="http://alison.com/courses/GHI-Diabetes-Italian">http://alison.com/courses/GHI-Diabetes-Italian</a>	Alison.com
Health / Global health / Chronic diseases / Hypertension	<b>Global Health Initiative - Hypertension Awareness</b>	The course begins by defining what hypertension is, and important facts and statistics about this medical condition. It then goes on to describe aspects such as symptoms and risk factors that are associated with the disease and how hypertension can be diagnosed and prevented. Finally, the course describes how a patient can successfully live with hypertension and how family, friends and colleagues can cope with and support a person with hypertension.	Advance Learning		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Global-Health-Initiative-Hypertension-Awareness">http://alison.com/courses/Global-Health-Initiative-Hypertension-Awareness</a>	Alison.com
Health / Global health / Infectious diseases / Epidemics / Ebola	<b>Understanding the Ebola Virus and How You Can Avoid It</b>	This free online health literacy course from ALISON will explain in clear and simple terms what the Ebola virus is, where the outbreak has occurred, what the signs and symptoms of an infection are, how an infection is treated, and how to avoid becoming infected. It also explains some common misunderstandings about the virus that can occur in communities where outbreaks happen.	Advance Learning		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Understanding-the-Ebola-Virus-and-How-You-Can-Avoid-It">http://alison.com/courses/Understanding-the-Ebola-Virus-and-How-You-Can-Avoid-It</a>	Alison.com
Health / Global health / Infectious diseases / Epidemics / Hepatitis B	<b>Global Health Initiative - Hepatitis B Awareness</b>	The course begins by defining what hepatitis B is, and important facts and statistics about this medical condition. It then goes on to describe aspects such as symptoms and risk factors that are associated with the disease and how hepatitis B can be diagnosed and prevented. Finally, the course describes how a patient can successfully live with hepatitis B and how family, friends and colleagues can cope with and support a person with hepatitis B.	Advance Learning		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/GHI-Hepatitis-B">http://alison.com/courses/GHI-Hepatitis-B</a>	Alison.com

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Health / Global health / Infectious diseases / Epidemics / Hepatitis C	<b>Global Health Initiative - Hepatitis C Awareness</b>	The course begins by defining what Hepatitis C is, and important facts and statistics about this medical condition. It then goes on to describe aspects such as symptoms and risk factors that are associated with the disease and how Hepatitis C can be diagnosed and prevented. Finally, the course describes how a patient can successfully live with Hepatitis C and how family, friends and colleagues can cope with and support a person with Hepatitis C.	Advance Learning		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/GHI-Hepatitis-C">http://alison.com/courses/GHI-Hepatitis-C</a>	Alison.com
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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Global health / Infectious diseases / Epidemics / Malaria	<b>Global Health Initiative - Malaria Awareness</b>	The course begins by defining what Malaria is, and important facts and statistics about this medical condition. It then goes on to describe aspects such as symptoms and risk factors that are associated with the disease and how Malaria can be diagnosed and prevented. Finally, the course describes how a patient can be treated for Malaria.	Advance Learning		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/GHI-Malaria">http://alison.com/courses/GHI-Malaria</a>	Alison.com
Health / Human Systems	<b>Introduction to the Cardiovascular System</b>	The human cardiovascular system is made up of the heart, blood vessels and blood supply. These act as one system to supply vital oxygen, nutrients, and hormones to tissues and remove carbon dioxide and metabolic waste products. Learn more about the structure and function of the cardiovascular system.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-the-Cardiovascular-System">http://alison.com/courses/Introduction-to-the-Cardiovascular-System</a>	Alison.com
Health / Human Systems	<b>Introduction to the Human Digestive System</b>	The human body cannot generate energy itself and so must obtain it from external sources. Learn more about the human digestive system.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-the-Human-Digestive-System">http://alison.com/courses/Introduction-to-the-Human-Digestive-System</a>	Alison.com
Health / Human Systems	<b>Introduction to the Human Muscular System</b>	The human muscular system plays a vital role in maintaining posture and is essential for movement of the body. This free online course enables the learner to explore the structure and functions of the human muscular system.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-the-Human-Muscular-System">http://alison.com/courses/Introduction-to-the-Human-Muscular-System</a>	Alison.com
Health / Human Systems	<b>Introduction to the Human Nervous System</b>	This free online anatomy course will be of great interest to healthcare professionals who would like to obtain a greater knowledge and understanding of the human nervous system, and to anyone who would like to know more about the structure and functioning of the central and peripheral nervous system.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-the-Human-Nervous-System">http://alison.com/courses/Introduction-to-the-Human-Nervous-System</a>	Alison.com
Health / Human Systems	<b>Introduction to the Human Reproductive System</b>	Unlike most anatomical systems in the human body the reproductive systems in the male and female are completely different in structure and function but both work together to play a vital role in the production of an offspring. Learn more about the human reproductive system.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-the-Human-Reproductive-System">http://alison.com/courses/Introduction-to-the-Human-Reproductive-System</a>	Alison.com
Health / Human Systems	<b>Introduction to the Human Respiratory System</b>	The respiratory system plays a vital role in the inhalation and exhalation of respiratory gases in the human body. It allows for the inhalation of gases such as oxygen in the air which can then be transported by the blood around the body. Learn more about the human respiratory system.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Human-Respiratory-System">http://alison.com/courses/Human-Respiratory-System</a>	Alison.com
Health / Human Systems	<b>Introduction to the Human Sensory Organs</b>	Human sensory organs such as the eye, ear, nose and tongue are central in the processing of sensory information from all the stimuli that bombards the body continuously. Without sensory organs we would not be able to make sense of our environment and surroundings.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-the-Human-Sensory-Organs">http://alison.com/courses/Introduction-to-the-Human-Sensory-Organs</a>	Alison.com
Health / Human Systems	<b>Introduction to the Human Skeletal System</b>	The human skeleton is an amazing and complex structure and is involved in vital functions such as supporting the bodily organs, providing points of attachment for the musculature system to allow movement, maintaining body shape, and protecting vital organs. Learn more about the human skeletal system.	AMEDD Center and School		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-the-Human-Skeletal-System">http://alison.com/courses/Introduction-to-the-Human-Skeletal-System</a>	Alison.com

**2015 WeObservatory List of Selected MOOCs on Topics Relating to Women, Health and ICT**

Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Mental health / Burnout / Depression	<b>Mental Health Studies - Understanding Behaviour, Burnout and Depression</b>	This free online mental health studies course provides an understanding of the types of Human Behaviour and the effects of Burnout and Depression on the individual's mental health and wellness.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Mental-Health-Studies-Understanding-Behaviour-Burnout-and-Depression">http://alison.com/courses/Mental-Health-Studies-Understanding-Behaviour-Burnout-and-Depression</a>	Alison.com
Health / Mental health / Suicide / Substance abuse / Violent behavior	<b>Mental Health Studies - Suicide, Violent Behavior and Substance Abuse</b>	Care for mental health is becoming an increasingly important aspect of health provision in health systems around the world. In this free online course the learner is introduced to areas of mental health where the activities, actions or habits of patients endanger their health, welfare and often impact the environment and society they are part of.	AMEDD Center and School		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Mental-Health-Studies-Suicide-Violent-Behavior-Substance-Abuse">http://alison.com/courses/Mental-Health-Studies-Suicide-Violent-Behavior-Substance-Abuse</a>	Alison.com
Health / Nursing	<b>Nursing Studies - Communication and Transcultural Factors</b>	This free online nursing course provides the learner with an overview of the skills, techniques, and approaches required to effectively treat a diverse range of patients. Key elements of the course introduce the learner to aspects and concepts of health, communication techniques and methods used to establish a patient's basic needs to ensure the necessary care is provided.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-Nursing-Studies">http://alison.com/courses/Introduction-to-Nursing-Studies</a>	Alison.com
Health / Nursing	<b>Nursing Studies - Diet Therapy</b>	A healthy diet is fundamental to sustaining life, supporting vital body functions and maintaining a disease free body. Correct dietary combinations are also necessary in supporting the patient's healing and recovery process. This free online nursing studies course provides the learner with an overview of the key elements in diet therapy.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Nursing-Studies-Diet-Therapy">http://alison.com/courses/Nursing-Studies-Diet-Therapy</a>	Alison.com
Health / Nursing	<b>Nursing Studies - Health and Safety, Movement and Exercise</b>	Ensuring adequate health and safety is vital in the healthcare setting to prevent the spread of pathogens and to protect both the nursing professional and their patients. This free online nursing course provides the learner with an overview of health and safety, ambulating the patient and range of motion exercises in nursing studies.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Nursing-Studies-Patient-Body-Mechanics">http://alison.com/courses/Nursing-Studies-Patient-Body-Mechanics</a>	Alison.com
Health / Nursing	<b>Nursing Studies - Patient Care and Hygiene</b>	The daily responsibility for protecting the patient from additional injury or illness rests with the nursing team. Following on from the Introduction to Nursing Studies course, the learner is now introduced to the essential elements of adult patient care and hygiene for nursing studies.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Nursing-Studies-Patient-Care-and-Patient-Hygiene">http://alison.com/courses/Nursing-Studies-Patient-Care-and-Patient-Hygiene</a>	Alison.com
Health / Nursing	<b>Nursing Studies - Role of Nurse in Surgical Care</b>	Nursing staff provide essential support during all phases of the surgical cycle, which encompasses the peri-operative, pre-operative, intra-operative and recovery room phases. In this free online nursing studies course the learner is introduced to the role of the nurse in the surgical care of the patient.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Role-of-Nurse-in-Surgical-Care">http://alison.com/courses/Role-of-Nurse-in-Surgical-Care</a>	Alison.com
Health / Nursing	<b>Nursing Studies - The Nurse as Team Leader and Teacher</b>	The essential role of nurse as caregiver is well recognized but the modern nurse can also be a team leader and healthcare teacher. This free online nursing course provides an overview of the varied dimensions associated with the practical nurse as team leader and teacher.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Nursing-Studies-The-Nurse-as-Team-Leader-and-Teacher">http://alison.com/courses/Nursing-Studies-The-Nurse-as-Team-Leader-and-Teacher</a>	Alison.com

**2015 WeObservatory List of Selected MOOCs on Topics Relating to Women, Health and ICT**

Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Nursing	<b>Nursing Studies - The Physical Examination</b>	In order for the nursing professional to devise a correct, accurate and effective care plan for their patients, it is necessary to perform a series of medical tests and evaluations. This free online nursing studies course provides the learner with information about the physical examination that is a fundamental part of nursing practice.	AMEDD Center and School		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Nursing-Studies-The-Physical-Examination">http://alison.com/courses/Nursing-Studies-The-Physical-Examination</a>	Alison.com
Health / Nutrition	<b>Introduction to Human Nutrition</b>	Provides a broad insight into the dynamic field of human nutrition. With the huge rise in diet related illnesses such as obesity, type II diabetes and cardiovascular disease, we face important choices in terms of diet and nutrition on a daily basis.	Brian Lindshield		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-Human-Nutrition">http://alison.com/courses/Introduction-to-Human-Nutrition</a>	Alison.com
Health / Nutrition / Macronutrients	<b>Human Nutrition - Introduction to Macronutrients</b>	Provides an in-depth look into the three energy-yielding macronutrients - carbohydrates, proteins and lipids. Our bodies require us to consume macronutrients on a daily basis to maintain numerous bodily functions such as growth and providing energy to carry out activities.	Brian Lindshield		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Human-Nutrition-Introduction-to-Macronutrients">http://alison.com/courses/Human-Nutrition-Introduction-to-Macronutrients</a>	Alison.com
Health / Nutrition / Macronutrients	<b>Human Nutrition - Understanding Macronutrient Metabolism</b>	Provides a comprehensive look into the life sustaining chemical processes that occur in living cells from a macronutrient perspective. These life sustaining chemical processes that occur in our cells are essential for our bodies to grow, maintain their structures and respond to their environments.	Brian Lindshield		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Human-Nutrition-Understanding-Macronutrient-Metabolism">http://alison.com/courses/Human-Nutrition-Understanding-Macronutrient-Metabolism</a>	Alison.com
Health / Nutrition / Micronutrients	<b>Human Nutrition - Introduction to Micronutrients</b>	Provides an in-depth look into micronutrients. Micronutrients such as vitamin C, vitamin E and selenium help prevent and delay various types of cell damage that may occur in the body so foods containing them are beneficial for our health.	Brian Lindshield		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Human-Nutrition-Introduction-to-Micronutrients">http://alison.com/courses/Human-Nutrition-Introduction-to-Micronutrients</a>	Alison.com
Health / Virology	<b>Fundamentals of Virology</b>	A virus is a small infectious particle which can only replicate inside the cells of a living organism. Most viruses are harmless to humans, some are infectious and make us ill for a short period of time such as the flu virus, but some are highly infectious and can be deadly such as the Ebola virus. ruses and their effect on human health.	Columbia University		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Fundamentals-of-Virology">http://alison.com/courses/Fundamentals-of-Virology</a>	Alison.com
Health / Nutrition / Food safety	<b>Food Safety Knowledge - Basic Level Requirements</b>	This free course from ALISON is compiled from the Food Safety Knowledge Network's Basic Level Requirements for Food Manufacturers. Topics covered include Hygiene, Water Quality, Allergens, and Pest Control, as well as Contamination, Food Hazards, and Incident Management.	Connexions		4-5 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Food-Safety-Knowledge-Basic-Level-Requirements">http://alison.com/courses/Food-Safety-Knowledge-Basic-Level-Requirements</a>	Alison.com
Technology / ICT / Mobile technology / Cybersecurity	<b>Wiretaps to Big Data: Privacy and Surveillance in the Age of Interconnection</b> 	How does cellular technology enable massive surveillance? Do users have rights against surveillance? How does surveillance affect how we use cellular and other technologies? How does it affect our democratic institutions? Do you know that the metadata collected by a cellular network speaks volumes about its users? In this course you will explore all of these questions while investigating related issues in WiFi and Internet surveillance.	CornellX	Stephen B. Wicker	10 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/wiretaps-big-data-privacy-surveillance-cornellx-engri1280x#VOAORUJBef8">https://www.edx.org/course/wiretaps-big-data-privacy-surveillance-cornellx-engri1280x#VOAORUJBef8</a>	EdX
Health / Global health	<b>The Challenges of Global Health</b>	An introduction to key challenges and concepts important to understanding the current status and determinants of global health.	Duke University	David Boyd	11 hours	On demand	Self-paced online course	English with English subtitles		<a href="https://www.coursera.org/learn/global-health">https://www.coursera.org/learn/global-health</a>	Coursera

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Medicine / Physiology	<b>Introductory Human Physiology</b>	In this course, students learn to recognize and to apply the basic concepts that govern integrated body function (as an intact organism) in the body's nine organ systems.	Duke University	Jennifer Carbrey & Emma Jakoi	22 hours	On demand	Self-paced online course	English with Portuguese subtitles	Verified certificate	<a href="https://www.coursera.org/learn/physiology">https://www.coursera.org/learn/physiology</a>	Coursera
Health / Children's health / Diarrheal disease	<b>Diarrheal Disease</b>	Take this course to learn the etiology and epidemiology, assessment and classification, treatment and prevention of diarrhea. Program managers will particularly benefit from sessions on program considerations, highlighting information on diarrheal program goals and components, partners, supply chain management, and monitoring and evaluation.	Global Health Learning Center	Marina Budeyeva	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/diarrheal-disease">http://www.globalhealthlearning.org/course/diarrheal-disease</a>	USAID
Health / Children's health / Immunology	<b>Immunization Essentials</b>	In this course, discover basic concepts of immunity, vaccination, vaccine-preventable diseases, and the global effort to immunize all children. In addition to providing a range of tools and resources for immunization program personnel, authors also present a case study on strengthening routine immunization coverage in Madagascar.	Global Health Learning Center	Angela Weaver, Youssef Tawfik & Rebecca Fields	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/immunization-essentials#sthash.KADZbS6K.dpuf">http://www.globalhealthlearning.org/course/immunization-essentials#sthash.KADZbS6K.dpuf</a>	USAID
Health / Children's health / Infectious diseases / HIV	<b>Creating an Enabling Environment for Young Vulnerable Children and Their Caregivers</b>	Creating an Enabling Environment for Young Vulnerable Children and their Caregivers is the fifth in the Early Childhood Development (ECD) series which aims to engage staff of implementing agencies involved in ECD programs, focusing on vulnerable children affected by HIV, or facing other challenges such as chronic poverty, displacement, or conflict. The six course series will equip learners with the knowledge and understanding necessary to incorporate holistic ECD messages and activities into their programs (i.e., home-based care, OVC programs, etc.).	Global Health Learning Center	Kendra Blackett-Dibinga	2 hours 45 minutes	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/creating-enabling-environment-young-vulnerable-children-and">http://www.globalhealthlearning.org/course/creating-enabling-environment-young-vulnerable-children-and</a>	USAID
Health / Children's health / Neonatal care	<b>Essential Newborn Care</b>	It is estimated that 34 out of every 1,000 babies born in developing countries die before they reach one month of age. In this course, authors discuss the continuum of care of the newborn which spans antenatal care, labor and birth care, immediate newborn care, and postpartum care for mother and newborn, and devote an entire section to infant feeding.	Global Health Learning Center	Barbara Deller	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/essential-newborn-care">http://www.globalhealthlearning.org/course/essential-newborn-care</a>	USAID
Health / Children's health / Neonatal care	<b>Newborn Sepsis (Update)</b>	This course covers key issues in the prevention and treatment of neonatal infections, including epidemiology and magnitude of the problem, prevention and treatment of bacterial infections in the newborn at peripheral facilities and in the community.	Global Health Learning Center	Rachael Bonawitz & James Wolff	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/newborn-sepsis-update#sthash.ZVOw9Sw5.dpuf">http://www.globalhealthlearning.org/course/newborn-sepsis-update#sthash.ZVOw9Sw5.dpuf</a>	USAID
Health / Global health	<b>Geographic Approaches to Global Health</b>	Human health is intimately related to one's physical location on Earth. The spatial pattern of disease in a population is vital evidence for public health analysts and decision makers when seeking to understand causes and plan interventions. This course is intended for public health program planners, managers, and professional staff who are interested in learning how geography and spatial data.	Global Health Learning Center		3 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/geographic-approaches-global-health">http://www.globalhealthlearning.org/course/geographic-approaches-global-health</a>	USAID

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Global health / Infectious diseases / Epidemics / HIV / AIDS / Prevention programs	<b>Designing HIV Prevention Programs for Key Populations</b>	New HIV infections continue to fall and more people than ever are starting treatment. Yet, to be effective, the AIDS response must focus on high-impact, high-value strategies. One of these strategies is to design and implement HIV prevention programs for people at higher risk of HIV infection. This course will provide field staff and country partners guidance on best practices for HIV prevention programming with key populations.	Global Health Learning Center	Clancy Broxton & David Hales	2 hours 15 minutes	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/designing-hiv-prevention-programs-key-populations">http://www.globalhealthlearning.org/course/designing-hiv-prevention-programs-key-populations</a>	USAID
Health / Global health / Infectious diseases / Epidemics / HIV / AIDS / Prevention programs	<b>HIV Basic Biology, Epidemiology, and Prevention</b>	This course serves as an introduction to the Global Health eLearning Center's HIV/AIDS Certificate Program, composed of 16 courses ranging from data quality to addressing stigma and discrimination. In this course, you will learn the basics of HIV/AIDS biology, transmission, epidemiology, and prevention, as well as be prepared to take advanced courses on HIV/AIDS.	Global Health Learning Center	Jim Shelton & Matthew Barnhart	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/hiv-basic-biology-epidemiology-and-prevention">http://www.globalhealthlearning.org/course/hiv-basic-biology-epidemiology-and-prevention</a>	USAID
Health / Global health / Infectious diseases / Epidemics / HIV / AIDS / Prevention programs / M&E	<b>M&amp;E Frameworks for HIV/AIDS Programs</b>	Quality HIV/AIDS programs depend on individuals and organizations with solid monitoring and evaluation (M&E) experience—not to mention adequate infrastructure and resources. Creating M&E frameworks is an integral step in the development of M&E plans. This course has been developed for strategic information (SI) generalists, M&E professionals, program managers and public health professionals working at national and sub-national levels.	Global Health Learning Center		2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/m-e-frameworks-hiv-aids-programs">http://www.globalhealthlearning.org/course/m-e-frameworks-hiv-aids-programs</a>	USAID
Health / Global health / Infectious diseases / Epidemics / HIV / AIDS / Research / Statistics / M&E	<b>Data Quality</b>	To make HIV/AIDS programs effective, high quality data are needed to inform, monitor, and manage them. In this introductory course, learners understand what data quality is, why it is important, and what programs can do to improve it.	Global Health Learning Center		2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/data-quality">http://www.globalhealthlearning.org/course/data-quality</a>	USAID
Health / Global health / Infectious diseases / Epidemics / HIV / AIDS / Surveillance	<b>HIV/AIDS Surveillance</b>	HIV surveillance systems monitor the magnitude and trends in the prevalence of infection and risk behavior. This course will provide a background of the HIV epidemic – magnitude, modes of transmission, and natural history – an overview of HIV surveillance systems and a basic understanding of HIV surveillance components.	Global Health Learning Center		2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/hiv-aids-surveillance">http://www.globalhealthlearning.org/course/hiv-aids-surveillance</a>	USAID
Health / Global health / Infectious diseases / Epidemics / Malaria	<b>Malaria (Updated)</b>	Malaria is a leading cause of illness and death in the developing world and a significant drag on economic development. This course will provide basic knowledge about the burden of malaria and effective tools to both treat and prevent malaria, and discuss the challenges and opportunities for taking these interventions to scale.	Global Health Learning Center	Trenton Ruebush	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/malaria-updated#sthash.iNfAfC6b.dpuf">http://www.globalhealthlearning.org/course/malaria-updated#sthash.iNfAfC6b.dpuf</a>	USAID
Health / Global health / Infectious diseases / Malaria / Women's health	<b>Malaria in Pregnancy (Updated)</b>	This course provides health professionals with an overview of both the science and the programming associated with prevention and control of malaria in pregnancy (MIP). Authors explore MIP partnerships and the roles of various malaria control partners at different levels of the health system, and review 'MIP readiness' - whether countries have the necessary guidelines, resources, and other MIP program components in place.	Global Health Learning Center	William Brieger & Emmanuel Otolorin	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/malaria-pregnancy-updated">http://www.globalhealthlearning.org/course/malaria-pregnancy-updated</a>	USAID



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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Global health / Infectious diseases / Epidemics / TB	<b>Tuberculosis - Advanced Concepts</b>	This course is a follow-on to Tuberculosis Basics (Updated) and presents more information about tuberculosis (TB), including an assessment on progress made in TB control and prevention, information about MDR and XDR TB, childhood TB, infection control, the International Standards for TB Care (ISTC), and advocacy, communication, and social mobilization (ACSM).	Global Health Learning Center	Clydette Powell	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/tuberculosis-advanced-concepts">http://www.globalhealthlearning.org/course/tuberculosis-advanced-concepts</a>	USAID
Health / Global health / Infectious diseases / Epidemics / TB	<b>Tuberculosis Basics (Updated)</b>	This is an updated version of the Tuberculosis Basics eLearning course. It provides some basic information about tuberculosis (TB) and its global impact, along with an overview of some strategies that are currently under way to control TB.	Global Health Learning Center	Clydette Powell	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/tuberculosis-basics-updated">http://www.globalhealthlearning.org/course/tuberculosis-basics-updated</a>	USAID
Health / Global health / Infectious diseases / HIV / AIDS / Program management / Statistics	<b>Data Use for Program Managers</b>	The purpose of this course is to promote data use for evidence-based HIV/AIDS program planning and improvement. Aimed at HIV/AIDS program managers, the course provides an overview of the use of data and the processes associated with planning for data collection, analysis, and utilization.	Global Health Learning Center		2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/data-use-program-managers">http://www.globalhealthlearning.org/course/data-use-program-managers</a>	USAID
Health / Global health / Infectious diseases / HIV / Social aspects	<b>HIV Stigma and Discrimination</b>	Stigma and discrimination related to HIV and AIDS have a profound effect on the HIV/AIDS epidemic. The fear of stigma and discrimination negatively affects the way in which individuals and families protect themselves, provide care, and support those affected.	Global Health Learning Center	Nadia Carvalho	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/hiv-stigma-and-discrimination">http://www.globalhealthlearning.org/course/hiv-stigma-and-discrimination</a>	USAID
Health / Global health / Knowledge management	<b>Knowledge Management (KM) in Global Health Programs</b>	Knowledge management (KM) is the intentional and ongoing process of generating new knowledge, capturing and organizing existing knowledge, adapting that knowledge to meet different audiences' needs and sharing it at the right time in a format that is useful and usable. Health care providers, program managers, and policy makers around the world require evidence-based information and knowledge to reduce duplication of effort across programs and activities and increase efficiency, inform decision making, and improve the quality of services.	Global Health Learning Center	Lisa Mwaikambo & Sara Mazursky	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/knowledge-management-km-global-health-programs-0">http://www.globalhealthlearning.org/course/knowledge-management-km-global-health-programs-0</a>	USAID
Health / Global health / Population / Environment	<b>Population, Health, and Environment Basics</b>	This course explores the ways in which population, health, and the environment interact in people's lives. Learners will have the opportunity to gain an insider's view of 1) the basics of integrated PHE programming, 2) successful PHE programs from around the world, and 3) tools and resources that can help you develop integrated programs.	Global Health Learning Center	Kathleen Mogelgaard	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/population-health-and-environment-basics">http://www.globalhealthlearning.org/course/population-health-and-environment-basics</a>	USAID
Health / Global health / Research / Statistics / Mortality surveillance	<b>Mortality Surveillance Methods &amp; Strategies</b>	This course will provide a basic overview of the importance and usefulness of mortality data and will introduce a range of approaches to collecting such data. Approaches discussed include vital registration (VR) systems, verbal autopsy, sample vital registration systems (SAVVY), and population-based surveys with verbal autopsy.	Global Health Learning Center		2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/mortality-surveillance-methods-strategies">http://www.globalhealthlearning.org/course/mortality-surveillance-methods-strategies</a>	USAID

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Health / Health systems / Health commodities / Logistics	<b>Logistics for Health Commodities (Updated)</b>	The purpose of a logistics system is to get the product to the customer, thereby providing good customer service. This course provides basic information on supply chain logistics for health commodities and explains the importance of logistics to health programs. It is an overview of some of the basic principles of logistics and serves to orient the learner to the topic.	Global Health Learning Center	Rachel Kearl & Barbara Felling	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/logistics-health-commodities-updated">http://www.globalhealthlearning.org/course/logistics-health-commodities-updated</a>	USAID
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**2015 WeObservatory List of Selected MOOCs on Topics Relating to Women, Health and ICT**

Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Health systems / Human resources	<b>Human Resources for Health (HRH) Basics</b>	This course introduces the basic principles and promising practices related to human resources for health (HRH). HRH is an important element of health systems in general and HRH issues have no simple solutions; resolving them requires a coordinated response from a variety of stakeholders representing all levels of the healthcare system and even beyond.	Global Health Learning Center	Nina Frankel & Judith Winkler	1 hour 30 minutes	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/human-resources-health-hrh-basics">http://www.globalhealthlearning.org/course/human-resources-health-hrh-basics</a>	USAID
Health / Health systems / Research / M&E	<b>M&amp;E Fundamentals</b>	Monitoring and Evaluation (M&E) is an essential component of any intervention, project, or program. This course will benefit anyone interested in learning the basics of M&E. Authors describe what monitoring and evaluating really mean, the M&E plan, M&E frameworks, indicators, data sources, collection, and use.	Global Health Learning Center	Nina Frankel & Anastasia Gage	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/m-e-fundamentals">http://www.globalhealthlearning.org/course/m-e-fundamentals</a>	USAID
Health / Healthcare / Pneumonia	<b>Pneumonia</b>	Anyone interested in learning about the etiology and epidemiology of pneumonia will benefit from taking this course. Service providers and program managers will particularly benefit. Discover tools for assessment, classification, treatment, and prevention of pneumonia. Focus on key components and strategies to reducing pneumonia mortality.	Global Health Learning Center	Marina Budeyeva	1 hour 30 minutes	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/pneumonia">http://www.globalhealthlearning.org/course/pneumonia</a>	USAID
Health / Healthcare / Private sector	<b>Commercial Private Health Sector Basics</b>	Many programs aimed at improving the health of a population focus only on the public health sector. Yet, the healthcare system is comprised of both the public and private sector. Program planners interested in working with the private sector will greatly benefit from taking this course, as it provides a basic understanding of the commercial for-profit private sector in health.	Global Health Learning Center	Barbara O'Hanlon & Bettina Brunner	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/commercial-private-health-sector-basics#sthash.x31eW0hy.dpuf">http://www.globalhealthlearning.org/course/commercial-private-health-sector-basics#sthash.x31eW0hy.dpuf</a>	USAID
Health / Microbes / Antibiotic Resistance	<b>Antimicrobial Resistance (Part 1)</b>	Antimicrobial resistance (AMR) refers to the situation when disease causing germs are able to withstand the killing or suppressing power of antimicrobial medicines. Increase awareness and understanding of the basic principles of AMR in this course. Study the impact AMR has on individuals and society, why it is rapidly becoming a major public health concern and what is being done internationally to address it.	Global Health Learning Center	Nick Nelson, Mandi Ramshaw & Mohan P. Joshi,	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/antimicrobial-resistance-part-1">http://www.globalhealthlearning.org/course/antimicrobial-resistance-part-1</a>	USAID
Health / Nutrition	<b>Nutrition (An Introduction)</b>	Aimed at program managers, this course discusses the basic concepts of good nutrition and common nutritional deficiencies, the magnitude of malnutrition in different populations, vulnerable groups, and the causes of undernutrition. Authors also discuss the causal framework of malnutrition, "short route" interventions to improve nutritional status, and key indicators for nutrition programs.	Global Health Learning Center	Renata Seidel	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/nutrition-introduction">http://www.globalhealthlearning.org/course/nutrition-introduction</a>	USAID
Health / Women's Health / Health systems strengthening / Gender	<b>Gender and Health Systems Strengthening</b>	The course will assist USAID field-based health officers, foreign service nationals, and U.S. government partners to promote gender equality and women's empowerment in health systems strengthening efforts. By the end of the course, the learner will understand how health systems components interact with each other, how gender plays a role in each health systems component, and how to address these gender issues in health systems strengthening activities in order to improve health and social outcomes.	Global Health Learning Center	Constance Newman	2 hours 30 minutes	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/gender-and-health-systems-strengthening">http://www.globalhealthlearning.org/course/gender-and-health-systems-strengthening</a>	USAID

**2015 WeObservatory List of Selected MOOCs on Topics Relating to Women, Health and ICT**

Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Women's health / Antenatal care	<b>Antenatal Care</b>	To orient the participant to key concepts in antenatal care (ANC), including the importance of focused (goal-directed) ANC.	Global Health Learning Center	Barbara Deller	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/antenatal-care#sthash.0FfyhCOg.dpuf">http://www.globalhealthlearning.org/course/antenatal-care#sthash.0FfyhCOg.dpuf</a>	USAID
Health / Women's health / Cervical cancer	<b>Cervical Cancer Prevention (Low-Resource Settings)</b>	This course provides general information on cervical cancer. Learn about its growing global burden, and discover effective, low-cost tools available to detect and treat precancerous lesions. The course also contains essential information for planners and managers of cervical cancer programs.	Global Health Learning Center	Ricky Lu, Amy Kleine, Sharon Kibwana, & Chris Davis Merriman	1 hour 30 minutes	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/cervical-cancer-prevention-low-resource-settings#sthash.tQ9slwz.dpuf">http://www.globalhealthlearning.org/course/cervical-cancer-prevention-low-resource-settings#sthash.tQ9slwz.dpuf</a>	USAID
Health / Women's health / Children's health / Epidemics / HIV	<b>Mother-to-Child Transmission of HIV</b>	Every year more than 700,000 children are infected with HIV. The most common route of HIV transmission for newborns and infants is mother-to-child transmission (MTCT). This course discusses the magnitude of the problem and the method of transmission from mother to child.	Global Health Learning Center	Barbara Deller	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/mother-child-transmission-hiv">http://www.globalhealthlearning.org/course/mother-child-transmission-hiv</a>	USAID
Health / Women's health / Children's health / Epidemics / HIV / Malaria / Nutrition / Research / Surveys	<b>Demographic and Health Surveys: Data Use (Updated)</b>	For thirty years, The DHS (Demographic and Health Surveys) Program has collected data on fertility, family planning, maternal and child health, nutrition, HIV, and malaria. Aimed at program staff, policy makers, and researchers, this course provides an overview of the DHS project including a description of demographic health surveys, topics covered in the DHS, and steps to conduct a DHS.	Global Health Learning Center	Erica Nybro	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/demographic-and-health-surveys-data-use-updated">http://www.globalhealthlearning.org/course/demographic-and-health-surveys-data-use-updated</a>	USAID
Health / Women's health / Children's health / Healthcare practice / HCW / Productivity	<b>Health Workforce Productivity: An Approach for Measurement, Analysis, and Improvement</b>	Given the global health worker crisis, now more than ever, there is a critical need to improve the productivity of the existing health workforce and maximize service delivery efficiencies to ensure quality family planning (FP), reproductive health (RH), HIV and AIDS, maternal and child health, and other health services. This course explores some principal concepts and strategies to improve health workforce productivity.	Global Health Learning Center	Rachel Deussom & Wanda Jaskiewicz	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/health-workforce-productivity-approach-measurement-analysis#sthash.CzBZxguH.dpuf">http://www.globalhealthlearning.org/course/health-workforce-productivity-approach-measurement-analysis#sthash.CzBZxguH.dpuf</a>	USAID
Health / Women's health / Emergency obstetrics / Antenatal care / Children's health / Neonatal care	<b>Emergency Obstetric and Newborn Care</b>	The course is aimed at those individuals involved in planning for, implementing, and evaluating essential obstetric and newborn care (EONC) programs. EONC encompasses all care that is provided during pregnancy, labor, childbirth, and the postpartum period to prevent and manage complications.	Global Health Learning Center	Barbara Deller	1 hour 45 minutes	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/emergency-obstetric-and-newborn-care">http://www.globalhealthlearning.org/course/emergency-obstetric-and-newborn-care</a>	USAID
Health / Women's health / Postpartum care	<b>Postpartum Care</b>	This course orients learners to the postpartum period and recommended care while recognizing realities in the field. An estimated 70% of women in developing countries do not receive postpartum care. This course discusses strategies to prevent postpartum mortality and morbidity and programming implications of household-to-hospital continuum of care. Case studies are presented from Nepal, Indonesia, and Egypt.	Global Health Learning Center	Barbara Deller	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/postpartum-care">http://www.globalhealthlearning.org/course/postpartum-care</a>	USAID
Health / Women's health / Postpartum care	<b>Preventing Postpartum Hemorrhage</b>	This course describes the contribution of postpartum hemorrhage to maternal mortality around the world and discusses the causes of PPH. Focus on strategies to prevent PPH with special attention on active management of third stage of labor.	Global Health Learning Center	Barbara Deller	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/preventing-postpartum-hemorrhage">http://www.globalhealthlearning.org/course/preventing-postpartum-hemorrhage</a>	USAID

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Health / Women's health / Reproductive health / Family planning / Contraception	<b>Community-Based Family Planning</b>	Created for program managers who design and implement CBFP programs, this course orients the learner to the major strategies, benefits, and challenges of CBFP while learning essential concepts for successful, sustainable programs.	Global Health Learning Center	Catherine Toth, Mia Foreman & Victoria Graham	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/community-based-family-planning#sthash.eQg51t9s.dpuf">http://www.globalhealthlearning.org/course/community-based-family-planning#sthash.eQg51t9s.dpuf</a>	USAID
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**2015 WeObservatory List of Selected MOOCs on Topics Relating to Women, Health and ICT**

Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Women's health / Reproductive health / Family planning / Contraception	<b>Family Planning 101</b>	More than 200 million women in the developing world will enter their reproductive years during the next decade. In the future, as in the past, family planning (FP) will help save the lives of countless women and children, and will help alleviate poverty, reduce stress on the environment, and ensure that families are better able to feed, clothe, and educate their children.	Global Health Learning Center	Barbara Deller & Jim Shelton	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/family-planning-101">http://www.globalhealthlearning.org/course/family-planning-101</a>	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	<b>Healthy Timing and Spacing of Pregnancy</b>	Healthy Timing and Spacing of Pregnancy (HTSP) education is a family planning intervention to help women and couples space or limit their pregnancies to achieve the healthiest outcomes for women, newborns, infants and children.	Global Health Learning Center	Maureen Norton	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/healthy-timing-and-spacing-pregnancy">http://www.globalhealthlearning.org/course/healthy-timing-and-spacing-pregnancy</a>	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	<b>IUD</b>	The IUD is one of the most popular and effective methods in the world, with many positive attributes. Yet in many countries, IUDs are not widely used. This course reviews the basic attributes and advantages of the IUD, safety issues, insertion and use.	Global Health Learning Center	Jim Shelton	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/iud">http://www.globalhealthlearning.org/course/iud</a>	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	<b>LA/PMS - A Smart FP/RH Program Investment</b>	Ensuring access to information and affordable quality services for a wide range of contraceptive methods within family planning (FP) programs is vital to enabling women and men to achieve their reproductive intentions, whether they choose to delay a first pregnancy, space pregnancies, or limit further childbearing.	Global Health Learning Center	The RESPOND Project, EngenderHealth	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/la-pms-smart-fp-rh-program-investment">http://www.globalhealthlearning.org/course/la-pms-smart-fp-rh-program-investment</a>	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	<b>Male Circumcision: Policy &amp; Programming</b>	The evidence is compelling – male circumcision (MC) reduces female-to-male transmission of HIV by approximately 60%. This course provides health policy makers and program managers with an overview of scientific evidence of MC's protection against HIV transmission, the acceptability and safety of MC, challenges to MC program implementation, and policy and program guidance.	Global Health Learning Center	Kelly Curran, Emmanuel Njehumeli & Chris Davis Merriman	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/male-circumcision-policy-programming#sthash.KX0sYMOG.dpuf">http://www.globalhealthlearning.org/course/male-circumcision-policy-programming#sthash.KX0sYMOG.dpuf</a>	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	<b>Postpartum Family Planning</b>	This course orients the learner to the importance of family planning during the postpartum period. Discover guidance on the timely initiation of appropriate contraceptive methods for the postpartum woman, service delivery issues, and integrating postpartum family planning (PPFP) with other services.	Global Health Learning Center	Barbara Deller	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/postpartum-family-planning">http://www.globalhealthlearning.org/course/postpartum-family-planning</a>	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	<b>Standard Days Method® (Updated)</b>	Learners who take this course will be able to define SDM and CyleBeads® and explain how this method works. They will be aware of factors that both facilitate and limit the use of this method and the common misconceptions that accompany it. Learners will also be taught how to make the method more available in country programs and the essential steps for integrating it into the family planning method mix.	Global Health Learning Center	Institute for Reproductive Health, Georgetown University	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/standard-days-method-updated#sthash.kPigUn7i.dpuf">http://www.globalhealthlearning.org/course/standard-days-method-updated#sthash.kPigUn7i.dpuf</a>	USAID
Health / Women's health / Reproductive health / Family planning / Counseling	<b>Family Planning Counseling</b>	Counseling is an essential element of family planning (FP) services. This course describes FP counseling and explains its importance. FP providers and FP program managers will particularly benefit from this course.	Global Health Learning Center	Young Mi Kim, Arzum Ciloglu, Marian Amoa, Cori Mazzeo	1 hour 30 minutes	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/family-planning-counseling#sthash.O4mdVcrZ.dpuf">http://www.globalhealthlearning.org/course/family-planning-counseling#sthash.O4mdVcrZ.dpuf</a>	USAID

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Health / Women's health / Reproductive health / Family planning / Counseling	<b>Family Planning Programming - Elements of Success</b>	Learn the guiding principles that can help family planning professionals create new systems, make improvements to existing platforms, and prepare for future challenges. This course highlights program experiences, best practices, lessons learned, and provides key resources.	Global Health Learning Center	Catherine Richey & Ruwaida Salem	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/family-planning-programming-elements-success">http://www.globalhealthlearning.org/course/family-planning-programming-elements-success</a>	USAID
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**2015 WeObservatory List of Selected MOOCs on Topics Relating to Women, Health and ICT**

Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Women's Health / Reproductive health / Gender	<b>Gender and Sexual and Reproductive Health 101</b>	Gender norms influence people's access to and use of sexual and reproductive health (SRH) services and programming. Health professionals need to understand the relationship between gender and SRH to improve health outcomes.	Global Health Learning Center	Elizabeth Doggett, Aditi Krishna & Omar J. Robles	1 hour 45 minutes	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/gender-and-sexual-and-reproductive-health-101#sthash.ly9WVBKE.dpuf">http://www.globalhealthlearning.org/course/gender-and-sexual-and-reproductive-health-101#sthash.ly9WVBKE.dpuf</a>	USAID
Health / Women's Health / Reproductive health / Gender / FGM/C	<b>Female Genital Mutilation/Cutting (FGM/C)</b>	A violation of women's fundamental human rights, the practice of female genital mutilation/cutting (FGM/C) endangers the physical, psychological, reproductive, and sexual health of women. This course sheds light on FGM/C, its global prevalence rates, and related socio-economic factors such as age, generational trends, mother's education, place of residence, religion, ethnicity, and household wealth.	Global Health Learning Center	Lisa Basalla	1 hour 30 minutes	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/female-genital-mutilation-cutting-fgm-c">http://www.globalhealthlearning.org/course/female-genital-mutilation-cutting-fgm-c</a>	USAID
Health / Women's Health / Reproductive health / Gender / M&E	<b>Gender M&amp;E</b>	Many different programs and organizations address gender inequalities, or gender-related health and development issues. In many cases, evidence is lacking to assess which programs are effective. Integrating gender into monitoring and evaluation (M&E) is an important step towards understanding the effectiveness of these programs.	Global Health Learning Center	Abby Cannon & Shelah Bloom	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/gender-m-e">http://www.globalhealthlearning.org/course/gender-m-e</a>	USAID
Health / Women's health / Reproductive health / Maternal mortality / Prevention programs / MDGs	<b>Maternal Survival - Programming Issues (Updated)</b>	This course is aimed at program and technical advisors working to reduce the number of maternal deaths around the world. Authors cover the magnitude of global maternal mortality, progress, and obstacles to reaching Millennium Development Goal (MDG) 5: Reducing Maternal Mortality.	Global Health Learning Center	Barbara Deller & Mary Elen Stanton	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/maternal-survival-programming-issues-updated#sthash.XRiWYee2.dpuf">http://www.globalhealthlearning.org/course/maternal-survival-programming-issues-updated#sthash.XRiWYee2.dpuf</a>	USAID
Technology / ICT / GIS / Health / Infectious diseases / HIV / AIDS / Statistics / M&E	<b>GIS Techniques for M&amp;E of HIV/AIDS and Related Programs</b>	This course presents a practical guide for using a geographic information system (GIS) to integrate, visualize, and analyze geographically-referenced data extracted from the Demographic and Health Surveys and other key data sets to facilitate monitoring and evaluation of HIV/AIDS and related health programs.	Global Health Learning Center	John Spencer, Jay Stewart & Becky Wilkes	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/gis-techniques-m-e-hiv-aids-and-related-programs#sthash.umNAu0tS.dpuf">http://www.globalhealthlearning.org/course/gis-techniques-m-e-hiv-aids-and-related-programs#sthash.umNAu0tS.dpuf</a>	USAID
Technology / ICT / Health / eHealth / mHealth / Mobile technology	<b>mHealth Basics: Introduction to Mobile Technology for Health</b>	mHealth is the use of mobile and wireless technologies to support the achievement of health objectives. This course provides an introduction to this emerging field and an overview of best practices for mHealth solution development. The focus of the course is on mHealth applications commonly used in developing country contexts.	Global Health Learning Center	Cornelia Kip Lee, Laura Raney & Kelly L'Engle	3 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/mhealth-basics-introduction-mobile-technology-health#sthash.ow2QXkYM.dpuf">http://www.globalhealthlearning.org/course/mhealth-basics-introduction-mobile-technology-health#sthash.ow2QXkYM.dpuf</a>	USAID
Technology / ICT / Health / Global health / eHealth / Communities of Practice	<b>Online Communities of Practice (CoPs) for Global Health</b>	Online communities of practice (CoPs) have become increasingly popular within the global health and development sectors as vehicles for capturing knowledge to ensure public health preparedness, managing information more effectively, enabling global health professionals to work collaboratively in a virtual environment, and improving effectiveness in the face of dwindling resources. This course provides key considerations and strategies for building, nurturing, and monitoring CoPs.	Global Health Learning Center	Jarret Cassiniti & Soma Ghoshal	2 hours	On demand	Self-paced online course	English		<a href="http://www.globalhealthlearning.org/course/online-communities-practice-cops-global-health">http://www.globalhealthlearning.org/course/online-communities-practice-cops-global-health</a>	USAID
Technology / ICT / Internet	<b>How the Internet Works</b>	In this free online computer networking course about the Internet you will learn about the basics of network communications and how the Internet works.	Harvard University		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Understanding-How-the-Internet-Works">http://alison.com/courses/Understanding-How-the-Internet-Works</a>	Alison.com



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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Global health	<b>Global Health: Case Studies from a Biosocial Perspective</b>	This introductory course is an interdisciplinary view of global health. It aims to frame global health's collection of problems and actions within a particular biosocial perspective. It develops a toolkit of analytical approaches and uses them to examine historical and contemporary global health initiatives with careful attention to a critical sociology of knowledge.	HarvardX	Arthur Kleinman	12 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/global-health-case-studies-biosocial-harvardx-sw25x#.VOAKv0JBef8">https://www.edx.org/course/global-health-case-studies-biosocial-harvardx-sw25x#.VOAKv0JBef8</a>	EdX
Health / Global health / Gender	<b>Health and Society</b>	The purpose of this course is to introduce students to the major social variables—social class, race, gender, poverty, income distribution, social networks/support, community cohesion, the work and neighborhood environment—that affect population health.	HarvardX	Ichiro Kawachi & Monica Wang	6-12 hours of work / week	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/health-society-harvard-ph201x#.VOAU0kJBef8">https://www.edx.org/course/health-society-harvard-ph201x#.VOAU0kJBef8</a>	EdX
Health / Global health / Healthcare / Quality / Safety	<b>Improving Global Health: Focusing on Quality and Safety</b>	We all agree that quality is important – but what is it? How do we define it? How do we measure it? And most importantly, how might we make it better? In this course, you will learn: The importance of focusing on quality for improving population health; a framework for understanding healthcare quality; approaches to quality measurement; the role of information and communication technology in quality improvement & tools and contextual knowledge for quality improvement.	HarvardX	Ashish Jha	8 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/improving-global-health-focusing-quality-harvardx-ph555x#.VOAW0UJBef8">https://www.edx.org/course/improving-global-health-focusing-quality-harvardx-ph555x#.VOAW0UJBef8</a>	EdX
Health / Health systems / Healthcare	<b>Entrepreneurship and Healthcare in Emerging Economies</b>	The course provides an inter-disciplinary approach to understanding the nature of complex health problems throughout the world, with an illustrative focus on South Asia. Students will become acquainted with prior attempts to address these problems, to identify points of opportunity for smart entrepreneurial efforts, and to propose and develop their own candidate solutions.	HarvardX	Tarun Khanna & Sue J. Goldie	12 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/entrepreneurship-healthcare-emerging-harvardx-sw47-1x">https://www.edx.org/course/entrepreneurship-healthcare-emerging-harvardx-sw47-1x</a>	EdX
Health / Research / Statistics	<b>Health in Numbers: Quantitative Methods in Clinical &amp; Public Health Research</b>	This course will address this need by covering the principles of biostatistics and epidemiology used for public health and clinical research. These include outcomes measurement, measures of associations between outcomes and their determinants, study design options, bias and confounding, probability and diagnostic tests, confidence intervals and hypothesis testing, power and sample size determinations, life tables and survival methods, regression methods (both, linear and logistic), and sample survey techniques.	HarvardX	Earl Francis Cook & Marcello Pagano	13 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/health-numbers-quantitative-methods-harvardx-ph207x#.VOAUP0JBef8">https://www.edx.org/course/health-numbers-quantitative-methods-harvardx-ph207x#.VOAUP0JBef8</a>	EdX
Technology / ICT / Health / eHealth / Informatics / Big data / Healthcare / Health management	<b>Innovating in Healthcare</b>	Problems with health care quality, access, and costs bedevil all countries. This course focuses on creating successful global business innovations in health care that can better meet consumer and societal needs. At its end, you should understand the how to evaluate opportunities and the elements of viable business models for different kinds of health care innovations.	HarvardX	Regina E. Herzlinger, Margo I. Seltzer & Kevin Schulman	6-12 hours of work / week	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/innovating-health-care-harvardx-bus5-1x#.VOADhUJBef8">https://www.edx.org/course/innovating-health-care-harvardx-bus5-1x#.VOADhUJBef8</a>	EdX
Health / Medicine / Behavioral medicine	<b>Behavioral Medicine: A Key to Better Health</b>	Learn how to change everyday behaviors for healthier lives using basic behavioral medicine concepts. Test yourself with virtual patient scenarios.	Karolinska Institutet	Anne Bermann & Sakari Souminen	5 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/behavioral-medicine-key-better-health-kix-kibehmedx#.VOAVaEJBef8">https://www.edx.org/course/behavioral-medicine-key-better-health-kix-kibehmedx#.VOAVaEJBef8</a>	EdX

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Common medical conditions	<b>Introduction to Common Medical Conditions</b>	Advances in medicine are occurring all the time and medical and scientific research continues to reveal both how the human body functions normally and what happens during a diseased state. This free online medical course discusses some of the most common medical conditions and is an overview for the average lay person who wishes to find out more about these medical conditions.	Khan Academy		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-Common-Medical-Conditions">http://alison.com/courses/Introduction-to-Common-Medical-Conditions</a>	Alison.com
Health / Immunology	<b>Introduction to Immunology</b>	Immunology is the study of the immune system. This course is taught through a series of narrated videos. These videos include illustrations to increase your comprehension of the material. The first section of this course explains the non-specific immune system. Following this, the role of B-cells and T-cells in the specific immune system is explained. The final section of the course explains the symptoms and causes of the inflammatory response.	Khan Academy		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-Immunology">http://alison.com/courses/Introduction-to-Immunology</a>	Alison.com
Technology / ICT / Education / Digital literacy	<b>Microsoft Digital Literacy - Digital Lifestyles</b>	From cell phones to MP3 players to digital cameras, computers are changing our everyday lives. This module of the free online course Microsoft Digital Literacy introduces you to new digital technologies, including digital audio, digital video, and digital photography.	Microsoft		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/MSDL-M5">http://alison.com/courses/MSDL-M5</a>	Alison.com
Technology / ICT / Internet	<b>Microsoft Digital Literacy - The Internet and the World Wide Web</b>	The Internet can connect you to people, information, and resources around the world. This module of the free online course Microsoft Digital Literacy shows you how to connect to the Internet, browse Web pages, navigate Web sites, use search engines, and exchange e-mail with others.	Microsoft		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/MSDL-M2">http://alison.com/courses/MSDL-M2</a>	Alison.com
Gender / Gender differences / Psychology / Social aspects / Political aspects	<b>Gender, Sexuality, and Society</b>	This course seeks to examine how people experience gender - what it means to be a man or a woman - and sexuality in a variety of historical and cultural contexts. We will explore how gender and sexuality relate to other categories of social identity and difference, such as race and ethnicity, economic and social standing, urban or rural life, etc. One goal of the class is to learn how to critically assess media and other popular representations of gender roles and stereotypes.	MIT	Heather Paxson	25 lectures of 1.5 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/anthropology/21a-231j-gender-sexuality-and-society-spring-2006">http://ocw.mit.edu/courses/anthropology/21a-231j-gender-sexuality-and-society-spring-2006</a>	MITOpenCourseware
Gender / Gender differences / Psychology / Social aspects / Political aspects	<b>Psychology of Gender</b>	We will examine current research and theory regarding the validity and utility of commonly accepted gender differences in many realms. Topics include: gender differences in cognitive abilities; the social construction of gender; developmental, family, educational and medical influences; and political and economic forces.	MIT	Phoebe Kazdin Schnitzer	12 lectures of 3 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/brain-and-cognitive-sciences/9-75j-psychology-of-gender-spring-2003">http://ocw.mit.edu/courses/brain-and-cognitive-sciences/9-75j-psychology-of-gender-spring-2003</a>	MITOpenCourseware
Gender / Gender differences / Psychology / Social aspects / Political aspects	<b>Sexual and Gender Identities</b>	This course introduces scholarly debates about sexual identities, gender identities and expressions, and sexual orientation and its representation in film and literature. We begin with a contemporary debate about biology and gender identity, considering its relationship to the historical understanding of sex, gender, and sexual identity. Our investigation continues with the theoretical underpinnings of the emerging field of queer studies.	MIT	Kim Surkan	13 lectures of 3 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/special-programs/sp-406-sexual-and-gender-identities-fall-2010">http://ocw.mit.edu/courses/special-programs/sp-406-sexual-and-gender-identities-fall-2010</a>	MITOpenCourseware

**2015 WeObservatory List of Selected MOOCs on Topics Relating to Women, Health and ICT**

Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Gender / Sexuality / Psychology / Social aspects / Political aspects	<b>Rethinking the Family, Sex, and Gender</b>	Through investigating cross-cultural case studies, this course introduces students to the anthropological study of the social institutions and symbolic meanings of family, household, gender, and sexuality. We will explore the myriad forms that families and households take and evaluate their social, emotional, and economic dynamics.	MIT	Heather Paxson	25 lectures of 1.5 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/anthropology/21a-232j-rethinking-the-family-sex-and-gender-fall-2010">http://ocw.mit.edu/courses/anthropology/21a-232j-rethinking-the-family-sex-and-gender-fall-2010</a>	MITOpenCourseware
Gender / Sustainable development / Poverty	<b>Gender, Power, and International Development</b>	After decades of efforts to promote development, why is there so much poverty in the world? What are some of the root causes of inequality world-wide and why do poverty, economic transformations and development policies often have different consequences for women and men? This course explores these issues while also examining the history of development itself, its underlying assumptions, and its range of supporters and critics. It considers the various meanings given to development by women, considering how development projects and policies are experienced in daily life in urban and rural areas	MIT	Christine Walley	25 lectures of 1.5 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/anthropology/21a-338j-gender-power-and-international-development-fall-2003">http://ocw.mit.edu/courses/anthropology/21a-338j-gender-power-and-international-development-fall-2003</a>	MITOpenCourseware
Health / Global health / Infectious diseases / Epidemics / HIV / AIDS / Africa	<b>AIDS and Poverty in Africa</b>	This is a discussion-based interactive seminar on the two major issues that affect Sub-Saharan Africa: HIV/AIDS and Poverty. AIDS and Poverty, seemingly different concepts, are more inter-related to each other in Africa than in any other continent. As MIT students, we feel it is important to engage ourselves in a dynamic discussion on the relation between the two - <b>how to fight one and how to solve the other.</b>	MIT	Lee Perlman & Raja Bobbili	13 lectures of 2 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/special-programs/sp-253-aids-and-poverty-in-africa-spring-2005/">http://ocw.mit.edu/courses/special-programs/sp-253-aids-and-poverty-in-africa-spring-2005/</a>	MITOpenCourseware
Health / Global health / Social aspects	<b>Disease and Health: Culture, Society, and Ethics</b>	This course examines how medicine is practiced cross-culturally, with particular emphasis on Western biomedicine. Students analyze medical practice as a cultural system, focusing on the human, as opposed to the biological, side of things. Also considered is how people in different cultures think of disease, health, body, and mind.	MIT	Jean Jackson	26 lectures of 1.5 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/anthropology/21a-215-disease-and-health-culture-society-and-ethics-spring-2012/">http://ocw.mit.edu/courses/anthropology/21a-215-disease-and-health-culture-society-and-ethics-spring-2012/</a>	MITOpenCourseware
Health / Water treatment / Global South	<b>Water and Sanitation Infrastructure in Developing Countries</b>	This course deals with the principles of infrastructure planning in developing countries, with a focus on appropriate and sustainable technologies for water and sanitation. It also incorporates technical, socio-cultural, public health, and economic factors into the planning and design of water and sanitation systems. Upon completion, students will be able to plan simple, yet reliable, water supply and sanitation systems for developing countries that are compatible with local customs and available resources.	MIT	Susan Murcott	13 lectures of 2.5 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/urban-studies-and-planning/11-479j-water-and-sanitation-infrastructure-in-developing-countries-spring-2007">http://ocw.mit.edu/courses/urban-studies-and-planning/11-479j-water-and-sanitation-infrastructure-in-developing-countries-spring-2007</a>	MITOpenCourseware
Technology / Education / Social aspects / Political aspects	<b>Social and Political Implications of Technology</b>	This course is a graduate reading seminar, in which historical and contemporary studies are used to explore the interaction of technology with social and political values. Emphasis is on how technological devices, structures, and systems influence the organization of society and the behavior of its members. Examples are drawn from the technologies of war, transportation, communication, production, and reproduction.	MIT	David Mindell & Merritt Roe Smith	14 lectures of 3 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/science-technology-and-society/sts-462-social-and-political-implications-of-technology-spring-2006">http://ocw.mit.edu/courses/science-technology-and-society/sts-462-social-and-political-implications-of-technology-spring-2006</a>	MITOpenCourseware

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Technology / ICT / Education	<b>New Global Agenda: Exploring 21st Century Challenges through Innovations in Information Technologies</b>	This workshop is designed to introduce students to different perspectives on international politics in the 21st century. Students will explore how advances in information technology are changing international relations and global governance through opening new channels of communication, creating new methods of education, and new potentials for democratization. We will consider the positive and negative externalities associated with applications of such technologies.	MIT	Nazli Choucri	8 lectures of 3 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/political-science/17-918-new-global-agenda-exploring-21st-century-challenges-through-innovations-in-information-technologies-january-iap-2006">http://ocw.mit.edu/courses/political-science/17-918-new-global-agenda-exploring-21st-century-challenges-through-innovations-in-information-technologies-january-iap-2006</a>	MITOpenCourseware
Technology / ICT / Education / Internet / Digital Literacy / Africa	<b>Internet Technology in Local and Global Communities</b>	This course is based on the work of the MIT-African Internet Technology Initiative (MIT-AITI). MIT-AITI is an innovative approach by MIT students to integrate computers and internet technology into the education of students in African schools. The program focuses upon programming principles, cutting-edge internet technology, free open-source systems, and even an entrepreneurship seminar to introduce students in Africa to the power of information technology in today's world.	MIT	Manish Gaudi & Paul Gray	17 lectures of 1.5 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/special-programs/sp-772-internet-technology-in-local-and-global-communities-spring-2005-summer-2005">http://ocw.mit.edu/courses/special-programs/sp-772-internet-technology-in-local-and-global-communities-spring-2005-summer-2005</a>	MITOpenCourseware
Technology / ICT / Gender / Education / Digital literacy	<b>Designing and Sustaining Technology Innovation for Global Health Practice</b>	Innovation in global health practice requires leaders who are trained to think and act like entrepreneurs. Whether at a hospital bedside or in a remote village, global healthcare leaders must understand both the business of running a social venture as well as how to plan for and provide access to life saving medicines and essential health services.	MIT	Jeffrey Blander & Utkan Demirci	15 lectures of 3 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/health-sciences-and-technology/hst-939-designing-and-sustaining-technology-innovation-for-global-health-practice-spring-2008/">http://ocw.mit.edu/courses/health-sciences-and-technology/hst-939-designing-and-sustaining-technology-innovation-for-global-health-practice-spring-2008/</a>	MITOpenCourseware
Technology / ICT / Health / eHealth / Health informatics	<b>Gender and Technology</b>	This course considers a wide range of issues related to the contemporary and historical use of technology, the development of new technologies, and the cultural representation of technology, including the role women have played in the development of technology and the effect of technological change on the roles of women and ideas of gender. It discusses the social implications of technology and its understanding and deployment in different cultural contexts.	MIT	Kim Surkan	12 lectures of 3 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/womens-and-gender-studies/wgs-115-gender-and-technology-spring-2013">http://ocw.mit.edu/courses/womens-and-gender-studies/wgs-115-gender-and-technology-spring-2013</a>	MITOpenCourseware
Technology / ICT / Health / eHealth / Informatics / Big data / Healthcare / Health management	<b>Information Technology in the Health Care System of the Future</b>	This innovative, trans-faculty subject teaches how information technologies (IT) are reshaping and redefining the health care marketplace through improved economies of scale, greater technical efficiencies in the delivery of care to patients, advanced tools for patient education and self-care, network integrated decision support tools for clinicians, and the emergence of e-commerce in health care.	MIT	Bryan Bergeron, Daniel Sands, Steven Locke & Mirena Bagur	14 lectures of 3 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/health-sciences-and-technology/hst-921-information-technology-in-the-health-care-system-of-the-future-spring-2009">http://ocw.mit.edu/courses/health-sciences-and-technology/hst-921-information-technology-in-the-health-care-system-of-the-future-spring-2009</a>	MITOpenCourseware
Technology / ICT / Health / eHealth / mHealth / Informatics / Mobile technology	<b>Engineering Health: Towards the Tricorder</b>	Students will learn to fabricate, remix, and design detection and monitoring devices for health following the core focus of the Tricorder: a portable, handheld diagnostic device which can bring health solutions to consumers at home or in remote parts of the world	MIT	Ramesh Raskar, Jose Gomez-Marquez & Anna Young	13 lectures of 1.5 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/media-arts-and-sciences/mas-s63-engineering-health-towards-the-tricorder-fall-2013/">http://ocw.mit.edu/courses/media-arts-and-sciences/mas-s63-engineering-health-towards-the-tricorder-fall-2013/</a>	MITOpenCourseware
Technology / ICT / Health / Medicine / Bioinformatics / Genetics	<b>Introduction to Global Medicine: Bioscience, Technologies, Disparities, Strategies</b>	This class discusses social and ethical issues in the biosciences and biotechnologies as they are being developed.	MIT	Michael M.J. Fischer, Byron Good, Mary-Jo DelVecchio Good & David Jones	13 lectures of 2 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/health-sciences-and-technology/hst-934j-introduction-to-global-medicine-bioscience-technologies-disparities-strategies-spring-2010">http://ocw.mit.edu/courses/health-sciences-and-technology/hst-934j-introduction-to-global-medicine-bioscience-technologies-disparities-strategies-spring-2010</a>	MITOpenCourseware

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Technology / ICT / Mobile technology	<b>Communicating with Mobile Technology</b> 	Students work in small collaborative design teams to propose, build, and document a semester-long project focused on mobile applications for cell phones. Additional assignments include creating several small mobile applications such as context-aware mobile media capture and games. Students document their work through a series of written and oral proposals, progress reports, and final reports. This course covers the basics of J2ME and explores mobile imaging and media creation & GPS location, among other topics.	MIT	Edward C. Barrett & Frank Bentley	8 lectures of 3 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/writing-and-humanistic-studies/21w-789-communicating-with-mobile-technology-spring-2011">http://ocw.mit.edu/courses/writing-and-humanistic-studies/21w-789-communicating-with-mobile-technology-spring-2011</a>	MITOpenCourseware
Technology / ICT / Education	<b>Design and Development of Educational Technology</b>	To be effective, educational technologies must be designed based on what we know about how people learn. Through interviews with multiple experts in the field, this course examines educational technologies, outlines the theories that influenced their development, and examines their use. The course leads up to a final project – a kickstarter style pitch for a new educational technology - which is worked on iteratively across the weeks.	MITx	Eric Klopfer, Scot Osterweil & Judy Perry	13 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/design-development-educational-mitx-11-132x#VOAFukJBef8">https://www.edx.org/course/design-development-educational-mitx-11-132x#VOAFukJBef8</a>	EdX
Health / Alcoholism	<b>Alcohol and its Effects on Health</b>	Alcohol is enjoyed by many people during social occasions, but for others addiction to alcohol or alcohol-related illnesses can be a serious health issue. This free online course begins by reviewing the biological effects of alcohol on the body, including hangovers, psychological, and physical disturbances.	OpenLearn		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Alcohol-and-Its-Effects-on-Health">http://alison.com/courses/Alcohol-and-Its-Effects-on-Health</a>	Alison.com
Health / Children's health / Youth	<b>Fundamentals of Childhood and Youth Studies</b>	This free online course was developed in response to the emerging importance of children and youth in international development policy. The course will give the learner a comprehensive understanding and knowledge of development from the early years right through to adolescence.	OpenLearn		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Childhood-and-Youth-Studies">http://alison.com/courses/Childhood-and-Youth-Studies</a>	Alison.com
Health / Dyslexia	<b>Understanding Dyslexia</b>	Dyslexia is a condition affecting literacy skills. It is not caused by problems with vision, rather, it is a developmental reading disorder that occurs when the brain does not properly recognize and process certain symbols.	OpenLearn		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Understanding-Dyslexia">http://alison.com/courses/Understanding-Dyslexia</a>	Alison.com
Health / Global health / Chronic diseases / Diabetes / Obesity	<b>Modern Lifestyle Diseases: Awareness and Prevention</b>	Around the world, diabetes, obesity and cardiovascular diseases are affecting the health and well-being of hundreds of millions of people. These diseases are no longer confined to the developed world as millions of people in developing countries are adopting a westernized lifestyle and are being affected by these diseases also.	OpenLearn		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Diabetes-Obesity-Cardiovascular">http://alison.com/courses/Diabetes-Obesity-Cardiovascular</a>	Alison.com
Health / Healthcare	<b>Caring in the Health Professions</b>	Care relationships within health professions are of great importance and hold a lot of meaning for both the provider and recipient. This free online course will give you a comprehensive understanding and knowledge of care relationships within health professions.	OpenLearn		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/caring-in-the-health-professions">http://alison.com/courses/caring-in-the-health-professions</a>	Alison.com
Health / Mental health	<b>Mental Health and Illness</b>	Mental health problems result in reduced quality of life and possibly loss of life. It is therefore important to understand mental distress and the ways it can be treated. This free course will help you understand mental health and mental illness, mental health practise and care in the community.	OpenLearn		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Mental-Health">http://alison.com/courses/Mental-Health</a>	Alison.com


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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health/ Water treatment	<b>Managing Water Resources for Human Health</b>	With increasing population growth and the effects of climate change hundreds of millions of people around the world, in both developed and developing nations, are facing an uncertain future in terms of the water resources that will be available to them for use. This free online course looks at aspects of water resources and their management, and how this can affect human health.	OpenLearn		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/managing-water-resources-for-human-health">http://alison.com/courses/managing-water-resources-for-human-health</a>	Alison.com
Health / Immunology	<b>Fundamentals of Immunology, Part 1</b>	This course explores immunology, how the body defends itself from constant assault by parasites and pathogens. This course will present the fundamentals of both innate and adaptive immunity, emphasizing functional interactions among cells and organs. We will cover signaling, pathogen recognition and the division of labor among myeloid, lymphoid and supporting cells.	RiceX	Alma Moon Novotny	8 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/fundamentals-immunology-part-1-ricex-bioc372-1x#VOALPkjBef8">https://www.edx.org/course/fundamentals-immunology-part-1-ricex-bioc372-1x#VOALPkjBef8</a>	EdX
Health / Immunology	<b>Fundamentals of Immunology, Part 2</b>	This is the second of a two-part course. In the first part we learned about innate immunity and B cell function. The second part covers T cell function and coordination of the immune response.	RiceX	Alma Moon Novotny	9 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/fundamentals-immunology-part-2-ricex-bioc372-2x#VOAL2EjBef8">https://www.edx.org/course/fundamentals-immunology-part-2-ricex-bioc372-2x#VOAL2EjBef8</a>	EdX
Technology / ICT / Internet / Video / YouTube	<b>Using YouTube</b>	Everyday millions of users upload and view videos on YouTube - now you can be part of this experience too. This free online course shows you how to create an account on YouTube, set up your own YouTube channel, upload videos to your account, and select your favorite videos. Use this course to learn about YouTube and you can share your videos with the world.	Russell Stannard		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/YouTube-Create-an-Account-Upload-and-View-Videos">http://alison.com/courses/YouTube-Create-an-Account-Upload-and-View-Videos</a>	Alison.com
Technology / ICT / eHealth / Health information systems / Low income populations	<b>Health Information Systems to Improve Quality of Care in Resource-Poor Settings</b>	This course brings together students that span the engineering, business, public health, and medical disciplines and create collaborative ecosystems that will incubate, implement and scale eHealth technologies. The goal of this course is the development of innovations in information systems for developing countries that will (1) translate into improvement in health outcomes, (2) strengthen the existing organizational infrastructure, and (3) create a collaborative ecosystem to maximize the value of these innovations.	Sana, Partners in Health & Institute for Healthcare Improvement (IHI)	Leo Celi, Hamish Fraser, Peter Szolovits & Ken Paik	21 lectures of 1.5 hours each	On demand	Self-paced online course	English		<a href="http://ocw.mit.edu/courses/health-sciences-and-technology/hst-s14-health-information-systems-to-improve-quality-of-care-in-resource-poor-settings-spring-2012/">http://ocw.mit.edu/courses/health-sciences-and-technology/hst-s14-health-information-systems-to-improve-quality-of-care-in-resource-poor-settings-spring-2012/</a>	MITOpenCourseware
Health / Children's health / Nutrition / Obesity	<b>Child Nutrition and Cooking</b>	This course examines contemporary child nutrition and the impact of the individual decisions made by each family. The health risks associated with obesity in childhood are also discussed.	Stanford University	Maya Adam	5 hours of videos & quizzes	On demand	Self-paced online course	English		<a href="https://www.coursera.org/learn/childnutrition">https://www.coursera.org/learn/childnutrition</a>	Coursera
Health / Healthcare practice / Clinical trials / Cancer / Culture / Asian Americans	<b>Practical tips to improve Asian American participation in cancer clinical trials</b>	This online course will educate healthcare providers and allied health professionals about cancer clinical trials and cultural humility skills as well as provide educational resources and tips for reinforcing change in practice to improve outcomes in Asian American clinical trial participation.	Stanford University	Kim F. Rhoads	Estimated time to complete: 1 hour	On demand Course available until August 29, 2015	Self-paced online course 12 hours of work / week	English		<a href="https://www.coursera.org/course/clinicaltrials">https://www.coursera.org/course/clinicaltrials</a>	Coursera
Health / Microbes / Antibiotic practices	<b>Antimicrobial Stewardship: Optimization of Antibiotic Practices</b>	This course will offer a practical approach to prescribing antibiotic therapy and development of antimicrobial stewardship to physicians and pharmacists across all specialties and settings.	Stanford University	Stan Deresinski	Available for 104 weeks	On demand Course available until November 22nd, 2015	Self-paced online course Estimated time to complete: 6 hours	English with English subtitles	CME Credits Offered: 6.0 CME processing fee: USD\$20	<a href="https://www.coursera.org/course/antimicrobial">https://www.coursera.org/course/antimicrobial</a>	Coursera

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Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Global health / Infectious diseases / Epidemics / HIV / AIDS	<b>HIV/AIDS - Awareness and Prevention</b>	This online course - Living with HIV and AIDS - uses a straightforward style to deliver a clear and effective basic AIDS Awareness education program. It covers basic information about HIV/AIDS, from having a HIV test to living with HIV and AIDS.	Thare Machi Education		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Living-with-HIV-and-AIDS">http://alison.com/courses/Living-with-HIV-and-AIDS</a>	Alison.com
Health / Global health / Infectious diseases / Malaria / TB / Cholera	<b>Health Guidelines for Avoiding Infectious Diseases</b>	learn about guidelines for avoiding various infectious diseases such as cholera, malaria, and tuberculosis, as well as guidelines for treating the resulting symptoms like diarrhoea.	Thare Machi Education		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Health-Guidelines-for-Avoiding-Infectious-Diseases">http://alison.com/courses/Health-Guidelines-for-Avoiding-Infectious-Diseases</a>	Alison.com
Health / Global health / Infectious diseases / Epidemics	<b>Epidemiology: The Basic Science of Public Health</b>	Often called "the cornerstone" of public health, epidemiology is the study of the distribution and determinants of diseases, health conditions, or events among populations and the application of that study to control health problems. This course explores public health issues like cardiovascular and infectious diseases – both locally and globally – through the lens of epidemiology.	The University of North Carolina at Chapel Hill	Karin Yeatts & Lorraine Alexander	5.5 hours	On demand	Self-paced online course	English with English subtitles		<a href="https://www.coursera.org/learn/epidemiology">https://www.coursera.org/learn/epidemiology</a>	Coursera
Health / Global health / Infectious diseases	<b>Epidemiology and Control of Infectious Diseases</b>	Epidemiology and Control of Infectious Diseases	UC Berkeley	Thomas Aragon	25 hours (10 videos in YouTube)	On demand	Self-paced online course	English		<a href="http://academicearth.org/disease-and-epidemiology/#">http://academicearth.org/disease-and-epidemiology/#</a>	Academic Earth
Health/ Water treatment	<b>The Biology of Water and Health - Part 1</b>	This course examines increasingly critical water-related issues through a distinctly global and interdisciplinary lens. Participants will explore the multi-faceted ways in which water and human health are inter-related, including the influence of waterborne pathogens on human and environmental health and the central role of water in preserving health through adequate sanitation and hygiene.	University of Delft	Jeffrey Griffiths & David M. Gute	4 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/biology-water-health-part-1-ocx-ph241x#VOAMwUjBef8">https://www.edx.org/course/biology-water-health-part-1-ocx-ph241x#VOAMwUjBef8</a>	EdX
Technology / ICT / Health / eHealth / Health informatics / Ethics	<b>Responsible Innovation</b>	Innovation may bring a lot of good to society, but innovation is not a good in itself. This course discusses the concept of responsible innovation, its meaning and its significance by addressing the societal implications of new technologies and showing how we might incorporate ethical considerations into technical innovations.	University of Delft	Jeroen van den Hoven	7 lectures	On demand	Self-paced online course	English	Certificate available	<a href="https://www.edx.org/course/responsible-innovation-delft-ri101x#VOAXK0Bef8">https://www.edx.org/course/responsible-innovation-delft-ri101x#VOAXK0Bef8</a>	EdX
Technology / ICT / Internet / Cybersecurity	<b>Internet History, Technology, and Security</b>	To function in an information-centric world, we need to understand the workings of network technology. This course opens up the Internet and shows how it was created, who created it and how it works. Along the way we will meet many Web technologies that we use today.	University of Michigan	Charles Severance	12 hours	On demand	Self-paced online course	English		<a href="https://www.coursera.org/learn/internet">https://www.coursera.org/learn/internet</a>	Coursera
Technology / ICT / Health / eHealth / Health informatics / EHR	<b>Interprofessional Healthcare Informatics</b>	This course examines the implications of informatics for practice, in nursing, public health, and healthcare in general. It covers electronic health record issues and relates ethical, legislative and political issues to health informatics. Students will also explore global and future informatics issues.	University of Minnesota	Karen Monsen	7 hours of videos & quizzes	On demand	Self-paced online course	English with English subtitles		<a href="https://www.coursera.org/course/newwayhealthcare">https://www.coursera.org/course/newwayhealthcare</a>	Coursera
Technology / ICT / Health / Medicine / Bioinformatics / Genetics	<b>Bioinformatic Methods I</b>	Use of available (mainly web-based) programs for analyzing biological data. This is an introductory course with a strong emphasis on hands-on methods. Some theory is introduced, but the main focus is on using extant bioinformatics tools to analyze data and generate biological hypotheses.	University of Toronto	Nicholas James Provart	12-18 hours of videos & labs	On demand	Self-paced online course	English with English subtitles		<a href="https://www.coursera.org/learn/bioinformatics">https://www.coursera.org/learn/bioinformatics</a>	Coursera

**2015 WeObservatory List of Selected MOOCs on Topics Relating to Women, Health and ICT**

Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site
Health / Nutrition / Food safety	<b>Food Safety Training - Safe Practices and Procedures</b>	Having a good sanitation and safety program is vital to any food service operation, big or small. This is a follow-on course from our basic level requirements course and will help you understand different aspects of food safety and sanitation.	USAID		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Food-Safety-Training">http://alison.com/courses/Food-Safety-Training</a>	Alison.com
Technology / ICT / Mobile technology / MDGs	<b>Mobile Data Solutions</b> 	Mobile technologies offer transparent, timely and affordable solutions for collecting and disseminating data about people, projects, and programs. This course explores how mobile technologies can be used to more effectively collect and disseminate data in order to better meet development goals.	USAID, FHI360 & TechChange	Sarah Torrence & Merrick Schaeffer	2 hours	On demand	Self-paced online course	English		<a href="http://techchange.org/media/mobile-data-solutions/?utm_source=ICTworks&amp;utm_campaign=11c15f6d00-MC-RSS-Email&amp;utm_medium=email&amp;utm_term=0_0814c7961e-11c15f6d00-48297629">http://techchange.org/media/mobile-data-solutions/?utm_source=ICTworks&amp;utm_campaign=11c15f6d00-MC-RSS-Email&amp;utm_medium=email&amp;utm_term=0_0814c7961e-11c15f6d00-48297629</a>	TechChange
Health / Global health	<b>Human Health - Health and Human Development</b>	This free online course continues our exploration of health and issues of human development. This section covers human development, global health, HIV and AIDS, and family and human resources.	XSIQ		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/HUMAN-HEALTH-2-HEALTH-and-HUMAN-DEVELOPMENT">http://alison.com/courses/HUMAN-HEALTH-2-HEALTH-and-HUMAN-DEVELOPMENT</a>	Alison.com
Health / Global health / Women's health / Children's health / Infectious diseases / HIV / AIDS	<b>Human Health - Global Health Issues</b>	"Human Health 3" course examines the global health issues affecting the world today with a particular focus on the developing world. The interactive course considers a variety of topics such as, Women's Health, HIV/AIDS, and health in infancy, childhood and adolescence.	XSIQ		1-2 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/HUMAN-HEALTH-3-GLOBAL-HEALTH-ISSUES">http://alison.com/courses/HUMAN-HEALTH-3-GLOBAL-HEALTH-ISSUES</a>	Alison.com
Health / Mental health	<b>Psychology: Research Methods</b>	This free learning course outlines protocols for experimentation in Psychology including how to structure and conduct experiments, how to interpret results and how to report findings.	XSIQ		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/RESEARCH-METHODS-IN-PSYCHOLOGY">http://alison.com/courses/RESEARCH-METHODS-IN-PSYCHOLOGY</a>	Alison.com
Health / Mental health / Psychology	<b>Psychology: Memory and Cognition</b>	This free learning course approaches the topic from a 'cognitive' angle. This perspective likens the mind to an information-processing computer and uses the computer metaphor to examine complex human functions such as visual perception and memory.	XSIQ		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/MEMORY-COGNITION">http://alison.com/courses/MEMORY-COGNITION</a>	Alison.com
Health / Nutrition	<b>Human Health - Diet and Nutrition</b>	This course aims to offer a broad education on how to stay health in today's hectic, fast-paced world. The course discusses life expectancy, healthcare, and individual's dietary needs.	XSIQ		2-3 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/HUMAN-HEALTH-1-DIET-and-NUTRITION">http://alison.com/courses/HUMAN-HEALTH-1-DIET-and-NUTRITION</a>	Alison.com
Technology / ICT / Education / Digital literacy	<b>Introduction to Information Technology</b>	This free online course represents an in-depth introduction to the world of Information Technology (IT). It explores information communication technology (ICT), design techniques, information management technology, problem solving and troubleshooting, and much more and is ideal for those looking for a career in IT as well as people who wish to enhance limited IT skills.	XSIQ		3-4 hours	On demand	Self-paced online course	English	Certificate available	<a href="http://alison.com/courses/Introduction-to-Information-Technology-1">http://alison.com/courses/Introduction-to-Information-Technology-1</a>	Alison.com