




















WeObservatory List of Selected MOOCs on Topics relating to Women's Health, ICT and Vaccinology

SCHEDULED COURSES (11)		 NURSES	 PATIENTS	 VACCINES	WOMEN'S HEALTH COURSES		WOMEN & ICT COURSES		ICT & HEALTH COURSES		COURSES WITH FOCUS ON WIRELESS TECHNOLOGY 	
Topic	Course	Description	Organization	Instructor	Duration	Start date	Time required	Language	Certificate	Link	Site	
Health / Global health / Immunology / Vaccines	Vaccinology	The objective of this course is to offer an integrated overview of vaccinology, from public health and scientific data justifying the development of a vaccine, to its delivery to the populations in the context of industrialized and developing countries. Dedicated to candidates with a medical or scientific background who are interested in all aspects of vaccinology: medical and public health students, scientific Master II and PhD students (Immunology, Microbiology), physicians, pharmacists, veterinarians and other health professionals. The MOOC is composed of 31 lectures presenting historical aspects of vaccines, immunology and design of vaccines, basic principles of preclinical and clinical development, an update of vaccine development for the major infectious diseases, and the future challenges of vaccinology.	CNAM	Armelle Phalipon & Frederic Tangy	6 weeks	05/12/16 (registration deadline: 21/01/17)	2-3 hours of work / week	English with French subtitles		https://www.fun-mooc.fr/courses/pasteur/96002S02/session02/about	France Université Numérique (FUN)	
Technology / ICT / Health / eHealth / Health informatics/ EHR	Health Informatics on FHIR	Through this course even non-technical students can gain basic proficiency in health informatics: the application of computing to healthcare delivery, public health and community-based clinical research. The overall course paradigm is the Institute of Medicine's vision of a "Learning Health System" that uses data from actual patient care to gain new knowledge and feeds that knowledge back as care is delivered to achieve a safer, higher quality and more cost effective health delivery system.	Georgia Institute of Technology	Mark Braunstein	4 weeks	16/01/17	Self-paced online course	English	Certificate available	https://www.coursera.org/learn/fhir	Coursera	
Technology / ICT / Health / Medicine / Bioinformatics / Genetics	Bioinformatics: Introduction and Methods	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	13 weeks	16/01/17	1-2 hours of work / week	English & Mandarin Chinese with English subtitles	Verified certificate	https://www.coursera.org/learn/bioinformatics-pku	Coursera	
Technology / ICT / Health / eHealth / mHealth / Medical devices / Intellectual Property	Pharmaceutical and Medical Device Innovations	This course in the Healthcare Marketplace specialization gives the learner an in-depth view of the intellectual property creation that is vital to creating breakthrough technologies. Included is an understanding of the strategy deployed for pricing drugs and new technologies as well as the market sizing exercise to identify where future research and development investments should be made.	University of Minnesota	Bryana Mayer & Stephen T Parente	4 weeks	16/01/17	2-4 hours/week	English	Certificate available	https://www.coursera.org/learn/pharma-medical-device-innovations	Coursera	
Technology / ICT / Health / eHealth / Health informatics/ EHR	Interprofessional Healthcare Informatics	This course offers a graduate-level, hands-on interactive exploration of real informatics tools and techniques. It incorporates technology-enabled educational innovations to bring the subject matter to life. Explore perspectives of clinicians like dentists, physical therapists, nurses, and physicians in all sorts of practice settings worldwide. Emerging technologies, telehealth, gaming, simulations, and eScience are considered, among other topics.	University of Minnesota and the University of Minnesota's National Center for Interprofessional Practice and Education	Karen Monsen	10 weeks	16/01/17	7 hours of videos and quizzes	English with English subtitles		https://www.coursera.org/learn/health-informatics-professional	Coursera	
Technology / ICT / Health / eHealth / Psychology	eHealth: Combining Psychology Technology and Health	In this free online course, we will provide you with insight into the domain of eHealth, describe methods to develop eHealth, and explain theories that enable behavior change and facilitate implementation. You will also understand how eHealth technologies are developed and used in practice, by means of a variety of case studies, assignments and examples. This course pays attention to the perspectives of the eHealth developers, patients, healthcare professionals and healthy people who want to improve or maintain their health and wellbeing.	University of Twente	Saskia Kelders, Floor Sieverink, Hanneke Kip & Lisette van Gemert-Pijnen	6 weeks	06/02/17	3 hours / week	English with subtitles in English	Certificate available	https://www.futurelearn.com/courses/ehealth	FutureLearn	
Women's Health / Antenatal care / Childbirth	Childbirth: A Global Perspective	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 sociocultural dynamics surrounding birth.	Emory University	Lynn Sibley	6 hours videos, quizzes, and peer reviewed project	20/02/17	2-4 hours of work / week	English with English subtitles	Verified certificate	https://www.coursera.org/learn/childbirth	Coursera	

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Health / Public Health / Toxicology / Environment	Chemicals and Health 	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 Weil Latschaw & Beth A. Resnick	6 weeks	20/02/17	2-4 hours of work / week	English	Verified certificate	https://www.coursera.org/learn/chemicals-health	Coursera			
Health / Global health / Chronic diseases / Hypertension	At the Heart of Hypertension 	This course provides tools, additional theories and examples aiming at supporting every nurse when taking care of a patient suffering from a chronic disease, especially in the case of arterial hypertension. This course is based on the patient, his life experience and his beliefs. Thus, throughout the course, it sticks closely to the patient's course of life and his interactions with various health professionals: nurses, nutritionists, physiotherapists, midwives, medical radiology technicians, as well as physicians and pharmacists.	Haute Ecole Spécialisee de Suisse Occidentale	Sandrine Longet di Pietro	6 weeks	22/02/17	3 hours / week	French with subtitles in English		http://moocs.hes-so.ch/#courseid:25	Haute Ecole Spécialisee de Suisse Occidentale			
Technology / ICT / Health / eHealth / mHealth / Informatics / Big data / Healthcare / Health management	Medical Informatics	The course has been specifically designed for general practitioners of Medicine who want to utilize Information & Communication Technology (ICT) in their field to attain a competitive edge over their peers. Undergoing this comprehensive course they will build a strong knowledge base in Medical Informatics. The course material contains information tested in the front line and apt to practice situation. We have developed easy to understand format of problem less-oriented approaches, with Telemedicine focus.	eHCF School of Medical Informatics, New Delhi, India		3 months	15/03/2017 (Application deadline: 15/02/2017)		English	Certificate	http://www.ehcfsmi.edu.in/index.htm	EHCF School of Medical Informatics			
Health / Women's Health / Children's Health / Youth health	Improving the Health od Women, Children and Adolescents: From Evidence to Action	At a time of global concern over emerging infectious and chronic diseases, it is important to remember that millions of women and children continue to die every year from conditions that are easily preventable and treatable. This free online course presents the latest data, priorities and debates about the health of adolescents, mothers, newborns and children in an accessible way, so that everyone has the opportunity to engage with the issues.	London School of Hygiene and Tropical Medicine	Tanya Marchant	6 weeks	20/03/17	4 hours of work / week	English	Certificate available	https://www.futurelearn.com/courses/women-children-health	FutureLearn			
COURSES ON DEMAND (40)				  			WOMEN'S HEALTH COURSES		WOMEN & ICT COURSES		ICT & HEALTH COURSES		COURSES WITH FOCUS ON WIRELESS TECHNOLOGY 	
Health / Children's health / Immunology	Immunization Essentials 	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.	4Health and The DHS Program	Angela Weaver, Youssef Tawfik & Rebecca Fields	2 hours	On demand	Self-paced online course	English		https://www.globalhealthlearning.org/course/immunization-essentials	USAID			
Technology / ICT / Education / Digital literacy / Social media / Global health	Social Media for Health and Development Global Health eLearning	This course gets people thinking strategically and thoughtfully about social media for global health and development. This introductory course on social media will strengthen the capacity of global health and development professionals interested in understanding basic principles of social media, using social media to disseminate global health and development information, and measuring social media activities.	Advance Learning	Sally Zweimueller & Rebecca Shore	2 hours	On demand	2 hours	English		https://www.globalhealthlearning.org/course/social-media-health-and-development	Global Health eLearning Center			
Health / Global health / Chronic diseases / Hypertension	Global Health Initiative - Hypertension Awareness 	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	https://alison.com/courses/Global-Health-Initiative-Hypertension-Awareness	Alison.com			

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Health / Global health / Chronic diseases/ Diabetes	Global Health Initiative: Diabetes Awareness 	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	https://alison.com/courses/GH-Diabetes-Awareness	Alison.com
Health / Nursing	Nursing Studies - Communication and Transcultural Factors 	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	https://alison.com/courses/Introduction-to-Nursing-Studies	Alison.com
Health / Nursing	Nursing Studies - Diet Therapy 	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	https://alison.com/courses/Nursing-Studies-Diet-Therapy	Alison.com
Health / Nursing	Nursing Studies - Health and Safety, Movement and Exercise 	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	https://alison.com/courses/Nursing-Studies-Patient-Body-Mechanics	Alison.com
Health / Nursing	Nursing Studies - Patient Care and Hygiene 	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	https://alison.com/courses/Nursing-Studies-Patient-Care-and-Patient-Hygiene	Alison.com
Health / Nursing	Nursing Studies - Role of Nurse in Surgical Care 	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	https://alison.com/courses/Role-of-Nurse-in-Surgical-Care	Alison.com
Health / Nursing	Nursing Studies - The Nurse as Team Leader and Teacher 	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.	Global Health Learning Center		2-3 hours	On demand	Self-paced online course	English	Certificate available	https://alison.com/courses/Nursing-Studies-The-Nurse-as-Team-Leader-and-Teacher	Alison.com
Health / Nursing	Nursing Studies - The Physical Examination 	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.	Global Health Learning Center		2-3 hours	On demand	Self-paced online course	English	Certificate available	https://alison.com/courses/Nursing-Studies-The-Physical-Examination	Alison.com
Health / Women's health / Postpartum care	Preventing Postpartum Hemorrhage	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		https://www.globalhealthlearning.org/course/preventing-postpartum-hemorrhage	USAID

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Health / Women's Health / Antenatal care	Antenatal Care	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		https://www.globalhealthlearning.org/course/antenatal-care	USAID
Health / Women's health / Cervical cancer	Cervical Cancer Prevention (Low-Resource Settings)	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		https://www.globalhealthlearning.org/course/cervical-cancer-prevention-low-resource-settings	USAID
Health / Women's health / Children's health/ Epidemics / HIV	Mother-to-Child Transmission of HIV	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		https://www.globalhealthlearning.org/course/mother-child-transmission-hiv	USAID
Health / Women's health / Emergency obstetrics / Antenatal care / Children's health / Neonatal care	Emergency Obstetric and Newborn Care	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		https://www.globalhealthlearning.org/course/emergency-obstetric-and-newborn-care	USAID
Health / Women's health / Postpartum care	Postpartum Care	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		https://www.globalhealthlearning.org/course/postpartum-care	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	Community-Based Family Planning	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		https://www.globalhealthlearning.org/course/community-based-family-planning	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	Family Planning 101	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		https://www.globalhealthlearning.org/course/family-planning-101	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	Healthy Timing and Spacing of Pregnancy	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		https://www.globalhealthlearning.org/course/healthy-timing-and-spacing-pregnancy-htsp	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	Hormonal Methods of Contraception	This course provides information that program managers and clinic staff can use to improve the quality of care in providing hormonal contraceptive methods. It describes characteristics of each method, including benefits and possible side effects. The course also looks at each method's level of effectiveness and worldwide use, and it shares country-level examples of introductory and/or scaled-up programs offering hormonal methods. The course also examines ways to meet the rising demand for hormonal methods and looks at service delivery methods to reach contraceptive users in their communities.	Global Health Learning Center	Megan Avila	2.15 hours	On demand	Self-paced online course	English		https://www.globalhealthlearning.org/course/hormonal-methods-contraception#tshash_rJ4aQ90v.dpuf	USAID











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Health / Women's health / Reproductive health / Family planning / Contraception	IUD	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		https://www.globalhealthlearning.org/course/iud	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	IA/PMs - A Smart FP/RH Program Investment	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		https://www.globalhealthlearning.org/course/ia-pms-smart-fp-rh-program-investment	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	Male Circumcision: Policy & Programming	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		https://www.globalhealthlearning.org/course/male-circumcision-policy-programming	USAID
Health / Women's health / Reproductive health / Family planning / Contraception	Standard Days Method®	Learners who take this course will be able to define SDM and CycleBeads® 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		https://www.globalhealthlearning.org/course/standard-days-method	USAID
Health / Women's health / Reproductive health / Family planning / Counseling	Family Planning Counseling	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		http://www.globalhealthlearning.org/course/family-planning-counseling#sthash.04mdYcR7.dpuf	USAID
Health / Women's health / Reproductive health / Family planning / Counseling	Family Planning Programming - Elements of Success	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		http://www.globalhealthlearning.org/course/family-planning-programming-elements-success	USAID
Health / Women's health / Reproductive health / Family planning / Counseling / HIV	Family Planning and HIV Service Integration	This course will explain the benefits of integrating family planning (FP) into HIV services and provide guidance on how to establish and sustain the delivery of integrated FP/HIV services. The course addresses FP/HIV integration from a health systems perspective, covers contraceptive methods for people living with HIV (PLHIV), and describes how HIV care providers can help their clients make informed reproductive health decisions and access appropriate care, including both voluntary family planning and safer pregnancy / conception services.	Global Health Learning Center	Morrissa Malkin, Rose Wilcher, & Tricia Petruney	2 hours	On demand	Self-paced online course	English		https://www.globalhealthlearning.org/course/family-planning-and-hiv-service-integration#sthash.E42NbFTL.dpuf	USAID
Health / Women's health / Reproductive health / Family planning / Youth / Contraception	Promising Programmatic Approaches for Adolescent and Youth Sexual and Reproductive Health (AYSRH)	Successful programs will be appropriate for adolescents' varying ages and developmental stages; consider their capacities, strengths, and developmental needs; address and challenge harmful gender norms; and reinforce positive gender roles and behaviors that decrease risk. Programs must actively engage girls and women, boys and men, parents and in-laws, partners and spouses, extended family, religious leaders, educators, and the community to question the cultural roles and expectations that contribute to negative outcomes for young people's sexual and reproductive health. This course provides an overview of promising approaches as well as case studies of effective programs that improve young people's sexual and reproductive health.	Global Health Learning Center	Meagan Brown, Kate Plourde, Joy Cunningham, Suzanne Fischer & Nicole Ippoliti	2.5 hours	On demand	Self-paced online course	English		https://www.globalhealthlearning.org/course/promising-programmatic-approaches-adolescent-and-youth#sthash.D5QObRdG.dpuf	USAID










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Health / Women's health / Reproductive health / Family planning / Youth / Contraception / HIV / Maternal mortality	Youth Sexual and Reproductive Health (Update)	Half of the world's population is younger than 25 years old and 9 out of 10 young people live in developing countries. These young people face profound challenges, such as high rates of early marriage, unintended pregnancy, HIV and other sexually transmitted infections, and maternal mortality and morbidity.	Global Health Learning Center	Joy Cunningham, Kate Plourde, Elizabeth Furell, Robyn Dayton, Elizabeth Doggett & Edward Scholl	3 hours	On demand	Self-paced online course	English		https://www.globalhealthlearning.org/course/youth-sexual-and-reproductive-health	USAID
Health / Women's Health / Reproductive health / Gender	Gender and Sexual and Reproductive Health 101	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		https://www.globalhealthlearning.org/course/gender-and-sexual-and-reproductive-health-101	USAID
Health / Women's Health / Reproductive health / Gender / FGM/C	Female Genital Mutilation/Cutting (FGM/C)	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	2 hours 30 minutes	On demand	Self-paced online course	English		https://www.globalhealthlearning.org/course/female-genital-mutilation-cutting-fgm-c	USAID
Technology / ICT / eHealth / Health information systems / Low income populations	Social Media for Health and Development	In resource-limited settings, bandwidth is increasing and internet access is becoming more widely available, especially through mobile devices. Globally, nearly 1.75 billion, or roughly one in four, people are social media users. Therefore, the pool of potential reach is extremely large, and users have the ability to really engage on a meaningful level. This introductory course on social media will strengthen the capacity of global health and development professionals interested in understanding basic principles of social media, using social media to disseminate global health and development information, and measuring social media activities.	Global Health Learning Center	Rebecca Shore & Sally Zweimueller	2 hours	On demand	Self-paced online course	English		https://www.globalhealthlearning.org/course/social-media-health-and-development#shash.lpuvrWSX.dpuf	USAID
Technology / ICT / GIS / Health / Infectious diseases / HIV / AIDS / Statistics / M&E	GIS Techniques for M&E of HIV/AIDS and Related Programs	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		https://www.globalhealthlearning.org/course/gis-techniques-m-e-hiv-aids-and-related-programs	USAID
Technology / ICT / Health / eHealth / mHealth / Mobile technology	mHealth Basics: Introduction to Mobile Technology for Health	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		https://www.globalhealthlearning.org/course/mhealth-basics-introduction-mobile-technology-health	USAID
Technology / ICT / Health / Global health / eHealth / Communities of Practice	Online Communities of Practice (CoPs) for Global Health	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.	ICAP, Center for Teaching and Learning (CTL) at Columbia University	Jarret Cassinini & Soma Ghoshal	2 hours	On demand	Self-paced online course	English		https://www.globalhealthlearning.org/course/communities-practice-global-health	USAID
Health / Global health / Infectious diseases / Epidemics / HIV / AIDS	Online Training for Nurses and Midwives in Option B+	Online training program for nurses and midwives in Option B+, a new approach recommended by WHO to prevent mother-to-child transmission of HIV (PMTCT). The course provides up-to-date information on current HIV care and treatment guidelines for HIV positive pregnant women beginning lifelong antiretroviral (ART) at the time of diagnosis. Focused on task shifting, the course is an efficient and effective way for nurses to gain essential knowledge and skills, historically reserved for doctors. The Option B+ course provides training on HIV counseling and testing, ART for pregnant women, and care for HIV-exposed infants.	Michigan University			On demand	Self-paced online course	English, French & Portuguese		https://elearning.icap.columbia.edu/accounts/login/?next=/	ICAP



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Health / Healthcare / Practice / Nursing / Client centered / Patients	Clients Centred Care 	The client's perspective of his/her personal health and life experience is pivotal to informing exemplary nursing practice, and is one of the unique contributions nursing brings to the planning and delivery of optimal health care. This e-learning course is based upon and is a complement to the RNAO Nursing Best Practice Guideline for Client Centered Care Revised (2006). It is designed to build on existing knowledge, skills and experience of all health care providers and to help you integrate evidence-based recommendations into your practice.	Registered Nurses' Association of Ontario (RNAO)		Open	On demand	Self paced	English		http://rnao.ca/bpp/courses/client-centered-care	RNAO
Technology / ICT / Health / eHealth / mHealth / Digital literacy / Healthcare / Nurses / Patient care	Nursing and eHealth 	This course has been designed to teach about eHealth and how it affects a nurse's daily practice. It provides the necessary background information to appreciate how eHealth can enhance nursing practice and client care, by covering such subjects as: how eHealth can support nursing roles, client care, and client empowerment, the historical development of eHealth, and the linkages between nursing, quality care, and eHealth.	Registered Nurses' Association of Ontario (RNAO)		Open: 11 modules	On demand	Self paced	English		http://rnao.ca/bpp/courses/nursing-and-ehealth-education-course	RNAO
Technology / ICT / Health / eHealth / mHealth / Digital literacy / Healthcare / Nurses / Patient care	Nursing and Mobile Technology 	This course has been designed to provide an engaging, practical, "hands-on" curriculum for nurses to develop confidence in the use of mobile technology. It demonstrates the value and effectiveness of integrating mobile technology into nurses' daily routine, in various practice settings, as well as ways to use mobile technology to facilitate patient / client-centered learning.	Registered Nurses' Association of Ontario (RNAO)		Open: 3 modules	On demand	Self paced	English		http://rnao.ca/bpp/courses/nursing-and-mobile-technology	RNAO
COURSES WITH NO SCHEDULED SESSIONS (8)			 NURSES  PATIENTS  VACCINES	WOMEN'S HEALTH COURSES	WOMEN & ICT COURSES	ICT & HEALTH COURSES	COURSES WITH FOCUS ON WIRELESS TECHNOLOGY 				
Technology / ICT / Health / eHealth / mHealth / Informatics / Big data / Healthcare / Health management	eHealth – Opportunities and Challenges 	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.	HarvardX	Sabine Koch	6 weeks	Archived course, no scheduled sessions	5-6 hours of work / week	English	Certificate available	https://www.edx.org/course/ehealth-opportunities-challenges-kix-kiehealthx-0	EdX
Technology / ICT / Health / eHealth / mHealth / Informatics / Big data / Healthcare / Health management	Medicine in the Digital Age 	Medicine in the Digital Age maps out the challenges and opportunities facing healthcare in the networked age. We will explore the role of social media in healthcare communication, the uses of wearable technologies, the potential for big data to reshape health behaviors, the ethics of personalized medicine, and the impact of these new developments on the doctor-patient relationship. Participants will gain an understanding of the connected health revolution and tools to critically analyze this evolving ecosystem.	Karolinska Institutet	Kirsten Ostherr & Bryan Vartabedian MD	5 weeks	Archived course, no scheduled sessions	2-4 hours of work / week	English with English subtitles		https://www.edx.org/course/medicine-digital-age-rice-meddljpx-0it	EdX
Health / Nursing / Education	Preparing for a Career in Nursing 	For anyone interested in becoming a nurse, this course provides an overview of the profession. Participants will learn about areas of nursing specialization, the application process for nursing schools, and scholarship programs.	The Ohio State University	Sandie G. Nadelson	5 weeks	No scheduled sessions	2 hours of work / week	English	Certificate	https://www.canvas.net/browse/utahstate/course/Preparing-for-nursing-career	Canvas Network

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Health / Medicine / Mental health	Caring Science, Mindful Practice 	This course provides tools to help caring professionals enhance professional caring practices in everyday work environments. Learners will be introduced to Watson's Caring Science. Exploration and learning related to key concepts will be supported through the introduction of mindfulness practice, reflective narrative, and contemplative art.	University of Delft	Kathleen Sitzman	4 weeks	No scheduled sessions	2-4 hours of work / week	English	Certificate available	https://www.canvas.net/browse/eastcarolina/courses/caring-science-mindful-practice-2	Canvas Network
Health / Healthcare / Practice / Patient-centered care / Long-term conditions	Supporting People Living with Long-term Conditions 	The focus of healthcare is rapidly changing both globally and across professional disciplines. Quality, patient-centered care requires an understanding of the evidence base for disease management, alongside collaborative care planning that includes the patient, their family, carers and the multidisciplinary team. This approach will empower individuals with long-term conditions to self-manage their care and ensure that they are supported holistically. To enable this, effective partnership working with healthcare professionals is essential. How best can this be achieved? This free online course enables healthcare professionals to better understand and support people living with long-term conditions.	University of Derby	Ehsan Khan	3 weeks	No scheduled sessions	2 hours of work / week	English	Certificate available	https://www.futurelearn.com/courses/supporting-long-term-conditions	FutureLearn
Health / Healthcare / Practice / Patient-centered care	Compassionate Care: Getting it Right 	The importance of compassionate care in health and social care has been brought to the fore in recent years by high-profile public inquiries into the mistreatment and sometimes deaths of patients at, for example, Morecambe Bay and Mid Staffordshire hospitals. This free online course will explore the issue of compassionate care in relation to the key points from these investigations, and from other theoretical perspectives. This includes the need to create a common, person-centred culture across organizations. This person-centredness is not limited to patients, but extends to the way organizations treat staff and to the culture within the organization itself.	University of Dundee	Elaine Lee	5 weeks	No scheduled sessions	3 hours / week	English	Certificate available	https://www.futurelearn.com/courses/compassionate-care	FutureLearn
Technology / ICT / Health / eHealth / Social media	Social Media in Healthcare: Opportunities and Challenges 	Both medical professionals and patients must be able to use digital technologies in their work and communications properly. This free online course provides practical guidance to healthcare providers, patients and researchers. It is an essential course for anyone who is looking into the opportunities and challenges of using social media in healthcare, including as a mass communication tool during infectious disease epidemics.	University of Liverpool	Shabbir Syed-Abdul, Elia Gabarron, Luis Fernandez Luque & e-Patient Dave deBronkart	5 weeks	No scheduled sessions	2 hours of work / week	English	Certificate available	https://www.futurelearn.com/courses/social-media-in-healthcare	FutureLearn
Health / Nursing / History	The Impact of Nursing 	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.	Utah State University	Denis Parkinson	4 weeks	No scheduled sessions	3 hours of work / week	English	Certificate available	https://www.futurelearn.com/courses/the-impact-of-nursing	FutureLearn
CLOSED COURSES BUT MATERIAL AVAILABLE (4)			 NURSES  PATIENTS  VACCINES	WOMEN'S HEALTH COURSES	WOMEN & ICT COURSES	ICT & HEALTH COURSES	 COURSES WITH FOCUS ON WIRELESS TECHNOLOGY				
Technology / Health / eHealth / Health informatics	Designing and Sustaining Technology Innovation for Global Health Practice	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	Course took place but lecture materials are available online	Self-paced online course	English		http://ocw.mit.edu/courses/health-sciences-and-technology/hst-939-designing-and-sustaining-technology-innovation-for-global-health-practice-spring-2008/	MITOpenCourseware

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Technology / ICT / Health / eHealth / Informatics / Big data / Healthcare / Health management	Information Technology in the Health Care System of the Future 	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		Course took place but lecture materials are available online	Self-paced online course	English		MITOpenCourseware http://ocw.mit.edu/courses/health-sciences-and-technology/hst-921-information-technology-in-the-health-care-system-of-the-future-spring-2009/
Technology / ICT / Health / eHealth / mHealth / Informatics	Engineering Health: Towards the Tricorder	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		Course took place but lecture materials are available online	Self-paced online course	English		MITOpenCourseware http://ocw.mit.edu/courses/media-arts-and-sciences/mas-663-engineering-health-towards-the-tricorder-fall-2013/
Health / Microbes / Antibiotic Resistance	Antimicrobial Resistance (Part 2) 	This course explains the major factors that contribute to the development and spread of AMR and the interventions available to address these factors. This course also discusses antimicrobials and vaccine development, the impact of globalization and societal shifts on AMR, and international strategies for containing AMR.	Sana, Partners in Health & Institute for Healthcare Improvement (IHI)	Mohan P. Joshi & Malaika Ludman	3 hours		Course took place but lecture materials are available online	Self-paced online course	English		USAID https://www.globalhealthlearning.org/course/antimicrobial-resistance-part-2