UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Medicine in The Society

2223-2-H4101D254

Aims

The primary goal of the course is to provide students with the tools for understanding the cultural, social and relational aspects of medicine, taking into account its history, evolution, sanitary structure, and patient- doctor relationship. The students will also be introduced to the international and specialized language of the biomedical research. This whole set of knowledge represents the basis for the understanding of individual medical praxis in order to adequately locate the physician activity in the general and more complex social environment

Biomedical english aims are understanding, writing and commenting reports on biomedical subjects, using the correct rules of grammar and syntax and specialized language

Contents

HYSTORY: Overview of the history of western medicine from Hippocrates to experimental and modern medicine; patients and their bodies from Renaissance to bio-imaging; technology in medicine, the evolution of clinical diagnosis and investigation; cultural and ethical aspects of health; public health development; the differences between unconventional medicine and evidence-based medicine; biomedicine and biotechnology, applications and problems.

COMMUNICATION SKILLS: psychological and relational elements in the patient-doctor relationship; therapeutic alliance; communication skills; verbal and non verbal communication; counselling techniques; motivational interview; illness and emotions; how to manage relational skills. disease-centred medicine and patient-centred medicine; subjective elements in medical education; interpersonal sensitivity and caring relationship.

PATIENT- DOCTOR IN PRIMARY CARE: differences between disease, illness, sickness, and subjective and objective aspects of medicine; biopsychosocial model of illness and care; individual, social and economic aspects in medicine and health behaviours; media and medicine; frail patients: elderly people, the chronically ill.

Detailed program

Hystory: The birth of Western medicine, from Hippocrates to the experimental Method, the discovery of the human body from the Renaissance to bioimaging. the advent of technology in medicine and the therapeutic revolution, history of clinical methodology, biomedicine and biotechnology, the concept of health, cultural and ethical implications, the evolution of public health, the concept of Evidence Based Medicine (EBM), some open questions in medicine (e.g., tumors and palliative care, emerging infectious diseases, medical genetics, substances for abuse, end-of-life care). Communication skills: General aspects: Doctor centered vrs Patient Centered Medicine, from “curing” to “caring”, psychological and relational components in the doctor-patient relationship; "therapeutic alliance", compliance and concordance. Psychological complexity of medical interview. The placebo and the nocebo effect. Communication techniques: language and gestures , verbal and not verbal communication. Communication guidelines and protocols: the Calgary Cambridge Interview, breaking bad news (the SPIKES protocol), error disclosure (the CONES protocol), managing conflict and escalation (the HARD protocol); The role of emotions in communication and in the doctor / patient relationship, emotion regulation and self-regulation . The subjective dimension of illness perception and experience: patient’s emotional reaction, psychological response to illness and treatment. Cognitive and affective bias that condition clinical reasoning

Biomedical englishThe on line course presents dialogues on biomedical subjects, with specialized language. The student should know the English language in order to write, read, understand and edit scientific articles correctlyThe on line course presents dialogues on biomedical subjects, with specialized language. The student should know the English language in order to write, read, understand and edit scientific articles correctly

PATIENT-DOCTOR IN PRIMARY CARE: the internship experience on the territory will be carried out if possible and in any case compatibly with the safety decrees and will be supported by a part of teaching related to the differences between illness, disease, illness and subjective and objective aspects of medicine; biopsychosocial model of disease and treatment; individual, social and economic aspects in medicine and health behaviors; media and medicine; fragile patients: elderly, chronically ill.

Prerequisites

Knowledge of English language at B2 level or higher. To be admitted to the exam of communication skills, hystory and patient-doctor in primary care, students must have received a positive score at the on-line english examination

Teaching form

Lectures, active teaching methods, tutorials, internships with MMGs, small group exercises with video recorded Role-Playing, debriefing and video analysis

Any changes in the teaching form may be possible in the event of a national pandemic, strictly following the instructions of the University

Textbook and teaching resource

SEE EACH UNIT

Semester

I term

Assessment method

Written exam, with questions aimed at assessing both the acquisition of knowledge, the capacity for inductivedeductive reasoning and argumentative skills; open questions and multiple choice questions Inglese biomedico: Test online. The possible results are: passed or not passed

Office hours

To make an appointment, please contact the teachers by e-mail:

mariagrazia.strepparava@unimib.it - - office: U38, villa Serena (Monza), room number 5-24, V floor, monday

12:30-14:00; wednesday 12:30-14:00

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Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | GENDER EQUALITY | REDUCED INEQUALITIES