UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Biomedicina, Neuroscienze e Diagnostica avanzata
ACADEMIC YEAR	2017/2018
MASTER'S DEGREE (MSC)	MEDICINE AND SURGERY
INTEGRATED COURSE	COMMUNICATION STUDIES - INTEGRATED COURSE
CODE	17446
MODULES	Yes
NUMBER OF MODULES	3
SCIENTIFIC SECTOR(S)	L-LIN/12, ING-INF/05, MED/25
HEAD PROFESSOR(S)	LA BARBERA DANIELE Professore Ordinario Univ. di PALERMO LO BAIDO ROSA Professore Associato Univ. di PALERMO SCIME' ROSA Professore a contratto Univ. di PALERMO
OTHER PROFESSOR(S)	SCHILLACI CARMELINA Professore a contratto Univ. di PALERMO VITABILE SALVATORE Professore Ordinario Univ. di PALERMO SORBELLO ROSARIO Ricercatore Univ. di PALERMO LA BARBERA DANIELE Professore Ordinario Univ. di PALERMO MARRAZZO GIOVANNA Cultore della Materia Univ. di PALERMO LO BAIDO ROSA Professore Associato Univ. di PALERMO GIUNTA DONATELLA Professore a contratto Univ. di PALERMO SCIME' ROSA Professore a contratto Univ. di PALERMO CANZIANI TATIANA Ricercatore Univ. di PALERMO
CREDITS	10
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	1
TERM (SEMESTER)	1° semester
ATTENDANCE	Mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	**CANZIANI TATIANA** Wednesday 09:00 12:00 Tramite piattaforma Teams o in presenza presso il Plesso di Anatomia ed Istologia. Per prenotare il ricevimento inviare una mail alla docente. **GIUNTA DONATELLA** Friday 11:00 13:00 Padiglione 3 **LA BARBERA DANIELE** Friday 12:00 14:00 skype: danielelabarbera500@gmail.com **LO BAIDO ROSA** Monday 9:00 11:00 Via la loggia, 1. **MARRAZZO GIOVANNA** Monday 12:00 13:00 **SCHILLACI CARMELINA** Monday 09:00 12:00 Piattaforma Microsoft Teams **SCIME' ROSA** Wednesday 18:30 20:00 Caltanissetta **SORBELLO ROSARIO** Monday 11:00 13:00 Stanza del Professore, Edificio 6, terzo piano **VITABILE SALVATORE** Monday 16:30 18:30 Piattaforma Microsoft Teams, Dipartimento di Biomedicina, Neuroscienze e Diagnostica avanzata, Plesso di Radiologia – 1° piano, Stanza n. 108.

PREREQUISITES	An A1 level of English (as described by the Common European Framework of References for Languages), and an ECDL (European Computer Driving License), knowledge of Italian language and general knowledge are recommended but not compulsory.
LEARNING OUTCOMES	Knowledge and understanding At the end of the course students will be expected to have acquired linguistic and communicative skills (B1 Level of CEFR), a basic use of the specialized terminology and language registers required to pursue the medical profession in different communicative situations, and a basic knowledge of simple computer system structure and principles, methods and techniques for health information management. -to acquire and develop the concept of humanistic medicine; -know and understand the ethics of interpersonal and professional relationships relations and the fundamental principles of medical ethics; -know and understand the main mechanisms of communication and interpersonal relationship, even techno-mediated; Applying knowledge -Acquisition of communication techniques for a more 'effective contact with the patient; Ability 'to recognize the patient in its uniqueness' and totality; Ability 'to transfer into reality' operational skills 'communicative acquired in order to carry out the activity' according to a clinical patient-based approach; Students should be able to understand and write simple specialized texts (e.g. abstract; formal letters), record patient data on a clinical chart, deal with most communicative situations likely to arise when talking with a patient according to the different language registers. Students will be also expected to have acquired the ability to use health information and communication technology as a useful support for diagnostic, therapeutic, and preventive health practice. Students should also be able to use the common tools for medical data analysis (e.g. electronic spreadsheet) as well as to implement and manage a simple electronic health record. Communicative skills Students should be able to report (in a clear and confiment way) on the topics dealt with during the course and related to doctor-patient communication and Computer Science. Learning skills This course does not pretend to cover all the aspects and topics of English for Medicine and Computer Science but it aims at developing students' awareness of the acquired competences for self-directed learning of content and methods necessary and required in their professional lives.
ASSESSMENT METHODS	A three-part written exam composed by 48 multiple choice questions (10 questions concerning Communication, 24 questions concerning the English language and 14 questions concerning Computer Science) will measure and asses students' Communication, English language and Computer science level and quality of knowledge and competence. The scores are calculated as follows: 1 point is awarded for each correct answer. Passing the exam requires a minimum number of correct answers (6 correct answers concerning Communication, 15 correct answers concerning the English language and a minimum of 8 correct answers concerning Computer Science). Candidates are given a set time limit for the three-part written exam (75 minutes). The calculation of the final grade is proportional to the number of correct answers multiplying the sum of the correct answers by the coefficient 0.6875. If the resulting grade following the first decimal is equal to five or above, the total is rounded up. The candidate is evaluated according to the level of his knowledge and receives an assessment out of thirty as final grade (the minimum pass mark is 18\30 and the maximum pass mark is 30|30 cum laude).
TEACHING METHODS	Lessons accompanied by slides

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TEACHING METHODS	Lessons accompanied by slides

MODULE
PSYCHIATRY

Prof. DANIELE LA BARBERA - Sede CHIRONE, - Sede CHIRONE

SUGGESTED BIBLIOGRAPHY	
Simeoni I., De Santi A.M. (2009), Comunicazione in Medicina, Ediz. SSED.	
AMBIT	50420-Clinica psichiatrica e discipline del comportamento
INDIVIDUAL STUDY (Hrs)	30
COURSE ACTIVITY (Hrs)	20
EDUCATIONAL OBJECTIVES OF THE MODULE	
Acquiring the basic tools needed to develop a patient-centered approach and humanisation of health care.	

SYLLABUS

Hrs	Frontal teaching
1	Introduction
2	Interpersonal communication and its structure. Communication theory and its principles.
1	verbal and non-verbal communication
1	Myths of the helping relationship
2	The clinical interview and medical history. Effective communication.
2	The interpersonal relationship
2	Helping relationship and helping professions.
2	Doctor-patient communication
2	Communication ethics in relationship. Medical ethics.
2	doctor-patient relationship
2	Communication technology and new social media. Opportunities and risks in the new social media.
1	Health worker's psychological well-being

MODULE
COMPUTER SCIENCE

Prof. ROSARIO SORBELLO - Sede CHIRONE, - Sede CHIRONE

SUGGESTED BIBLIOGRAPHY

D. Sciuto, G. Buonanno, L. Mari; Introduzione ai sistemi informatici 5/ed, McGraw-Hill.
• Brogi, A. Martinelli, V. Gervasi, P. Manghi, A. Fabrizio, G. Pacini; Il foglio elettronico per Medicina e Farmacia, Collana IT4PS, McGraw-Hill.
• P. Manghi, A. Brogi, V. Gervasi, A. Martinelli, G. Fiorentino, A. P: Pala; Le basi di Dati per Medicina e Farmacia, Collana IT4PS, McGraw-Hill.
• Dispense integrative e lucidi proposti dal docente.

AMBIT	50422-Funzioni biologiche integrate di organi, sistemi e apparati umani
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

The course aims at providing basic knowledge associated to the Information and Communication Technology, as a useful support for diagnostic, therapeutic, and preventive health practice. The course offers an introduction to computer systems, taking a Personal Computer as the driving paradigm and analysing the related operating principles of the basic infrastructures: the hardware, the software, and the network infrastructures. In addition, the course will introduce the use of two main software tools for data analysis and management in health domain: the electronic spreadsheet and the database. In particular, databases will be presented as the basic element for electronic health record development and management. An introduction to the search strategies in the most common on-line databases is the final part of the course.

SYLLABUS

Hrs	Frontal teaching
3	Course introduction; Data and Information; Coding Systems.
2	Information representation and coding
2	Main characteristics of algorithms, programming languages, and source codes.
4	Hardware Infrastructure: introduction to computer architetture; central processing unit; memory systems; I/O devices.
3	Software Infrastructure: features and purposes of an operating system; major components of an operating system.
2	Network Infrastructure: data and information transmission; computer networks.
2	A brief introduction to TCP/IP; World Wide Web and e_mail.
1	Application programs.
1	An introduction to electronic spreadsheets.
4	Electronic spreadsheets: definition and management of a patient diet.
1	An introduction to databases and DBMS.
4	Database and DBMS: definition and management of electronic health records.
1	Search strategies in Google and Pubmed.

MODULE
COMPUTER SCIENCE

Prof. SALVATORE VITABILE - Sede IPPOCRATE, - Sede IPPOCRATE

SUGGESTED BIBLIOGRAPHY

D. Sciuto, G. Buonanno, L. Mari; Introduzione ai sistemi informatici 5/ed, McGraw-Hill.
A. Brogi, A. Martinelli, V. Gervasi, P. Manghi, A. Fabrizio, G. Pacini; Il foglio elettronico per Medicina e Farmacia, Collana IT4PS, McGraw-Hill.
P. Manghi, A. Brogi, V. Gervasi, A. Martinelli, G. Fiorentino, A. P: Pala; Le basi di Dati per Medicina e Farmacia, Collana IT4PS, McGraw-Hill.
Dispense integrative e lucidi proposti dal docente.

AMBIT	50422-Funzioni biologiche integrate di organi, sistemi e apparati umani
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30

EDUCATIONAL OBJECTIVES OF THE MODULE

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SYLLABUS

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3	Course introduction; Data and Information; Coding Systems.
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2	Main characteristics of algorithms, programming languages, and source codes.
4	Hardware Infrastructure: introduction to computer architetture; central processing unit; memory systems; I/O devices.
3	Software Infrastructure: features and purposes of an operating system; major components of an operating system.
2	Network Infrastructure: data and information transmission; computer networks.
2	A brief introduction to TCP/IP; World Wide Web and e_mail.
1	Application programs.
1	An introduction to electronic spreadsheets.
4	Electronic spreadsheets: definition and management of a patient diet.
1	An introduction to databases and DBMS.
4	Database and DBMS: definition and management of electronic health records.
1	Search strategies in Google and Pubmed.

MODULE
ENGLISH LANGUAGE

Prof.ssa CARMELINA SCHILLACI - Sede IPPOCRATE, - Sede IPPOCRATE

SUGGESTED BIBLIOGRAPHY

AMBIT	50405-Inglese scientifico e abilità linguistiche, informatiche e relazionali, pedagogia medica, tecnologie avanzate e a distanza di informazione e comunicazione
INDIVIDUAL STUDY (Hrs)	75
COURSE ACTIVITY (Hrs)	50

EDUCATIONAL OBJECTIVES OF THE MODULE

MODULE
PSYCHIATRY

Prof.ssa ROSA LO BAIDO - Sede IPPOCRATE, - Sede IPPOCRATE

SUGGESTED BIBLIOGRAPHY	
Simeoni I., De Santi A.M. (2009), Comunicazione in Medicina, Ediz. SSED.	
AMBIT	50420-Clinica psichiatrica e discipline del comportamento
INDIVIDUAL STUDY (Hrs)	30
COURSE ACTIVITY (Hrs)	20
EDUCATIONAL OBJECTIVES OF THE MODULE	
To acquire the basic knowledge needed to develop a patient-centered approach of medical care.	

SYLLABUS

Hrs	Frontal teaching
1	Introduction
2	Interpersonal communication and its structure. Communication theory and its principles.
2	Verbal and nonverbal communication.
2	The clinical interview and medical history. Effective communication.
2	Interpersonal relationship.
2	Helping relationship and helping professions.
2	Doctor-patient communication.
2	Communication ethics in relationship. Medical ethics.
2	Doctor-patient relationship.
2	Communication technology and new social media. Opportunities and risks in the new social media.
1	Health worker's psychological well-being

MODULE **ENGLISH LANGUAGE**	
Prof.ssa TATIANA CANZIANI - Sede CHIRONE, - Sede CHIRONE	

SUGGESTED BIBLIOGRAPHY	

Per la parte grammaticale:
Hird, J., The Complete English Grammar for Italian Students, Oxford University Press.
(consigliato\recommended) Swan M., Practical English Usage, Oxford Univeristy Press (per livelli superiori al B1).

Per la parte di Inglese specialistico (a scelta uno dei seguenti testi\ recommended but not compulsory):
Mungra, P., Reading Skills in Medical English, Delfino Editore
Bettinelli et al., English for Medicine, Hoepli

AMBIT	50405-Inglese scientifico e abilità linguistiche, informatiche e relazionali, pedagogia medica, tecnologie avanzate e a distanza di informazione e comunicazione
INDIVIDUAL STUDY (Hrs)	75
COURSE ACTIVITY (Hrs)	50
EDUCATIONAL OBJECTIVES OF THE MODULE	

The main focus of this course is to improve students' vocabulary, grammar, and reading skills with particular attention to doctor-patient communication. The teaching objectives of this course are: 1) enhancement of students' ability to communicate with their patients using different language registers; 2) improvement of students' reading comprehension ability while browsing English Medical websites. Special attention will be given to the specialized lexicon, and the lexical composition and reading of specialized texts in order to guide students to use English in their professional daily life and research.

SYLLABUS

Hrs	Frontal teaching
1	Subject and object personal pronouns, possessive adjectives and pronouns.
2	Regular and irregular plurals and the plural of nouns of Greek and Latin origin; the Possessive Case.
1	Cardinal and ordinal numbers. How to say the date and the time.
1	Definite and indefinite articles. Use of the definite article before parts of the body and diseases. Indefinite Pronouns.
1	Time and place prepositions.
1	Relative and question pronouns.
1	Comparative and superlative adjectives.
3	The nominal style in medical English. Particular use of the -ing form to build up discourse. The gerund. Some preopositions followed by the -ing form.
3	The Simple Present of auxiliary and non auxiliary verbs. The Present Continuous.
3	The forms of future.
1	The Imperative.
2	Simple Past and Present Perfect. Frequency adverbs and time expressions.
2	Present and Past Perfect Simple and Continuous and Duration Form.
3	The Conditionals: 0, 1st, 2nd and 3rd type with particular attention to doctor/patient communication. Future in the past.
2	Present and Perfect Conditional and Past Perfect.
3	Modal verbs.
1	Question Tags.
2	Phrasal verbs. The Passive Form.
2	Make\Let\Get\have + infinitive.
1	Reported Speech and modifiers.
9	Doctor – patient communication in English. Asking about personal details and filling into an Admission card (1) Asking about pain: location, duration and type of pain (2) On examination: Instructions (2) General health questions concerning: - Medical history (2) - Family History (2)
2	Medical Written Communication Research article: IMRAD
3	Specialized lexicon: Human body, clinical chart, medical specialties, health professions,Hospital wards\departments, medical acronyms and initialisms. Medical and lay terms when talking about symptoms in doctor-patient communication.