

Attività formative professionalizzanti Corso di Laurea in “Medicine and Surgery” – F

Skill	Integrated Course	Organization/ Location (Semester)	Course Coordinator
1st Year			
Constructing and reading a pedigree	Biology and Genetics	Classroom (II Semester)	C. Battistelli
2nd Year			
Doing an informatic library research	Pre-Clinical Scientific Methods (I)	Classroom (I Semester)	M. Muscaritoli
Analyzing tools for scientific papers: How to use e-portfolio tools	Pre-Clinical Scientific Methods (I)	Classroom (I Semester)	
Using and interpreting common statistical tests	Pre-Clinical Scientific Methods (I)	Classroom (I Semester)	
Identifying cells, tissues and organs with an optic microscope	Human Anatomy (III)	Lab (II Semester)	E. Gaudio
Recording a 12-lead ECG	Pre-Clinical Scientific Methods (II)	Ward/Skill lab (II Semester)	M. Arca
Reading and critical analysis of scientific papers	Pre-Clinical Scientific Methods (II)	Classroom (II Semester)	
BLS		Skill lab	R. Lubrano

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3rd Year			
Obtaining a medical history	Clinical Scientific Methods (I)	Ward (I Semester)	M. Arca
Obtaining a medical history from a simulated patient who does not speak Italian	Clinical Scientific Methods (I)	Ward (I Semester)	M. Arca
Collection of biological samples	Laboratory Medicine (I)	Lab (I Semester)	A. Bellelli
Interpreting the results of urine analysis	Laboratory Medicine (II)	Classroom (II Semester)	
Interpreting the results of blood tests: Normal and abnormal values	Laboratory Medicine (II)	Classroom (II Semester)	
Performing a physical examination	Clinical Scientific Methods (II)	Ward (II Semester)	M. Arca
Sampling arterial and venous blood on a simulator	Clinical Scientific Methods (II)	Skill lab (II Semester)	
Doing intramuscular and subcutaneous injection on a simulator	Clinical Scientific Methods (II)	Skill lab (II Semester)	
Acquiring the basic principles for ECG interpretation	Clinical Scientific Methods (II)	Classroom (II Semester)	
Assisting to a surgical procedure	Clinical Scientific Methods (II)	Operating room (II Semester)	

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4th Year			
Interpreting renal function tests	Applied Pathology II	Ward (I Semester)	A. Tubaro
Performing male/female urethral catheterization on a simulator. Performing a prostate examination on a simulator	Applied Pathology II	Skill lab/Ward (I Semester)	
Performing urethral catheterization and prostate examination on patients. Flexible cystoscopy. Assist to prostate biopsy	Applied Pathology II	Skill lab/Ward (I Semester)	
Interpreting the results of a 12-lead ECG	Applied Pathology I	Ward (I Semester)	L. Di Marzo
Observing an exercise stress test, performing a clinical examination of the heart and participating to the diagnostic work up	Applied Pathology I	Ward (I Semester)	
Performing a clinical examination of the chest. Interpreting and understanding the results of pulmonary function test	Applied Pathology I	Ward (I Semester)	
Pre- and post-surgical assessment of patients	Applied Pathology I	Ward (I Semester)	
Diagnostic workup in peripheral vascular disease	Applied Pathology I	Ward (I Semester)	
Emergency management of the airways	Applied Pathology I	Skill lab (I Semester)	

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4th Year			
Hands-on diseased hearts	Pathological Anatomy (I)	Lab (I Semester)	G. d’Amati/C. Giordano
Brain cutting	Pathological Anatomy (II)	Lab (II Semester)	
Observing a necropsy	Pathological Anatomy (I/II)	Lab (I/II Semester)	
Observing a paracentesis procedure	Applied Pathology III	Classroom (II Semester)	S. Ginanni Corradini
Differential diagnosis of jaundice (clinical cases presentation and discussion)	Applied Pathology III	Classroom (II Semester)	
Interpreting the results of gastrointestinal and hepatic lab test	Applied Pathology III	Classroom (II Semester)	
Inserting a nasogastric tube and performing a rectal examination on a simulator	Applied Pathology III	Skill lab (II Semester)	
Practical activities in CT imaging	Diagnostic Imaging	Ward (II Semester)	V. Panebianco
Practical activities in Breast imaging	Diagnostic Imaging	Ward (II Semester)	
Practical activities in MR imaging	Diagnostic Imaging	Ward (II Semester)	

Clinical Clerkship with Clinical Tutors in Emergency Medicine, Emergency Surgery and ICU

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5th Year			
Performing a systematic examination of the musculoskeletal and joint structures	Applied Pathology IV	Ward (I Semester)	F. Conti
Interpreting a complete blood count	Applied Pathology IV	Classroom (I Semester)	
One week frequency of discussion of infectious clinical cases (Clinical Clerkship)	Applied pathology V	Ward (I Semester)	M. Lichtener
Performing a lumbar puncture	Applied pathology V	Skill Lab (I Semester)	M. Lichtener
Filling in the form for the notification of cases for infectious diseases	Medical Scientific Methods: Public Health (IX)	Classroom (I Semester)	G. B. Orsi
Filling in the form for the notification of cases for epidemiological purposes	Medical Scientific Methods: Public Health (IX)	Classroom (I Semester)	
Performing a neurologic examination	Diseases of the Nervous System	Ward/outpatient clinic/Skill lab	G. Fabbrini
Observing of ongoing EEG monitoring	Diseases of the Nervous System	Ward (I Semester)	G. Fabbrini

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5th Year			
Suturing and removal of superficial skin sutures on a simulator	Internal Medicine and General Surgery (I)	Skill lab (II Semester)	F. Mazzuca
Vascular and intraosseous access	Internal Medicine and General Surgery (I)	Skill lab (II Semester)	
Performing a systematic examination of the breast on a simulator	Internal Medicine and General Surgery (I)	Skill lab (II Semester)	
Performing a systematic examination of the sensory organs	Diseases of the Sensory Organs	Ward (II Semester)	L.Spadea
Observing an eye fundus examination	Diseases of the Sensory Organs	Ward (II Semester)	
Performing a pharyngoscopy	Diseases of the Sensory Organs	Outpatient Clinic (II Semester)	
Using an otoscope	Diseases of the Sensory Organs	Outpatient Clinic (II Semester)	
Observing wound care procedures: ulcers and burns	Dermatology and Plastic Surgery	Ward (II Semester)	F. Santanelli di Pompeo

Clinical Clerkship with Clinical Tutors: Emergencies in Hematology, Emergencies in Orthopaedics

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6th Year			
Physical examination of pediatric patients	Paediatrics	Outpatient clinic (I Semester)	F. Midulla
Obtaining a clinical history in the pediatric setting	Paediatrics	Outpatient clinic (I Semester)	
Neonatal resuscitation	Paediatrics	Skill lab (I Semester)	
Pulmonary function tests	Paediatrics	Skill lab (I semester)	
Physical examination of newborn	Obstetrics and Gynaecology	Skill lab (I Semester)	F. Bellati
Indication for gynecological surgery, gynecological procedure and post-operative care	Obstetrics and Gynaecology	Ward (I Semester)	
Witness to a birth	Obstetrics and Gynaecology	Delivery room (I Semester)	
How to read and interpret the results of a meta-analysis published in the literature	Medical Scientific Methods: Public Health (X)	Classroom (I Semester)	P. Villari
The economic evaluation of health care programs: exercises and case studies	Medical Scientific Methods: Public Health (X)	Classroom (I Semester)	
Clinical Clerkship with Clinical Tutors: Pediatric Emergency Department			

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6th Year			
Interpreting a final legal report. Completing a death certificate	Medical Scientific Methods: Forensic Medicine (XI)	Classroom (II Semester)	S. Ferracuti
Obtaining written informed consent from a simulated patient	Medical Scientific Methods: Forensic Medicine (XI)	Classroom (II Semester)	
Verification of death	Medical Scientific Methods: Forensic Medicine (XI)	Classroom (II Semester)	
Observing induction, maintenance, reversal of general anaesthesia	Emergency Medicine and Surgery	Ward / Skill lab (II Semester)	D. Toni
Administration of controlled electric shock to the heart on a simulator	Emergency Medicine and Surgery	Skill lab (II Semester)	
Insertion of an endotracheal tube on a simulator	Emergency Medicine and Surgery	Skill lab (II Semester)	
Clinical Clerkship	Internal Medicine and General Surgery (III)	Ward (II Semester)	
Performing bedside ultrasound to guide the management of critically ill patients	Internal Medicine and General Surgery (III)	Ward (II Semester)	C. Durante
Writing a medical case report	Internal Medicine and General Surgery (III)	Classroom (II Semester)	
Clinical Clerkship	Internal Medicine and General Surgery (III)	Ward (II Semester)	