

MEDICINE DEGREE

ACADEMIC YEAR 2007/2008

Degree	Medicine
Centre	Faculty of Medicine C/ Arzobispo Morcillo, 2 y 4 28029 – Madrid Phone: 914975344/5457/5458 y 5307 Web page
Academic Credits	500
1 st and 2 nd cycle	

Total Credits	Compulsory Credits	Optional Credits	Free Election Credits	Total
First Cycle	209,5	8	32,5	250
Second Cycle	214,5	18	17,5	250
Total	424	26	50	500

FIRST CYCLE

First Course	Compulsory Credits 71	Optional Credits *	Free Election Credits 9**
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Code	Subject	Type	Credits	Semester
11839	Physiology I	(Tr)	5,5	2
11840	Biostatistics	(Tr)	6,5	1
12082	Anatomy I	(Tr)	6,5	2
12336	Biophysics	(Tr)	5,5	1
12337	Biochemistry I (Biochemistry and Molecular Biology)	(Tr)	20	Annual
12338	Biology	(Tr)	18	Annual
12339	Histology I (General Histology)	(Tr)	4,5	2
13815	History and Theory of Medicine	(Tr)	4,5	1

Second Course	Compulsory Credits 65	Optional Credits 8*	Free Election Credits 12**
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Code	Subject	Type	Credits	Semester
12342	Anatomy II (Anatomy and Systems)	(Tr)	31,5	Annual
12343	Histology II (Histology and Systems)	(Tr)	7	1
12344	Physiology II (Physiology and Systems)	(Tr)	17,5	Annual
12345	Biochemistry II (Biochemistry and Systems)	(Tr)	4,5	2
13816	Immunology	(Tr)	4,5	2

Third Course	Compulsory Credits 73,5	Optional Credits *	Free Election Credits 11,5**
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Code	Subject	Type	Credits	Semester
12348	Medical Psychology	(Tr)	7	1
12353	Microbiology and Parasitology	(Tr)	13	Annual
12354	General Pharmacology	(Tr)	12,5	Annual
13817	General Epidemiology and Health Demography	(Tr)	4,5	1
13818	General Medical-Surgical Pathology	(Tr)	17	Annual
13819	General Radiology	(Tr)	4,5	Annual
13820	General Pathological Anatomy	(Tr)	15	Annual

SECOND CYCLE

Fourth Course	Compulsory Credits 77,5	Optional Credits 7,5*	Free Election Credits **
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Code	Subject	Type	Credits	Semester
12358	Medicine and Surgery of Systems I: Respiratory and Circulatory Systems.	(Tr)	18,5	Annual
12359	Medicine and Surgery of Systems II: Digestive and Nervous Systems.	(Tr)	19	2
12360	Obstetrics and Gynecology	(Tr)	18	Annual
12361	Pediatrics	(Tr)	22	Annual

Fifth Course	Compulsory Credits 74,5	Optional Credits 4,5*	Free Election Credits 6**
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Code	Subject	Type	Credits	Semester
12363	Medicine and Surgery of Systems III: Endocrinology, Hematology, Nephrology, and Urology	(Tr)	26	Annual
12364	Medicine and Surgery of Systems IV: Rheumatology, Orthopedics, and Orthopedic Surgery	(Tr)	13,5	2
12365	Medicine and Surgery of Systems V: Ophthalmology	(Tr)	6,5	2
12366	Medicine and Surgery of Systems VI: Otorhinolaryngology	(Tr)	7	2
12367	Medicine and Surgery of Systems VII: Dermatology	(Tr)	7,5	2
13821	Clinical Nutrition	(Ob)	4,5	2
13822	Psychiatry	(Tr)	9,5	Annual

Sixth Course	Compulsory Credits 62,5	Optional Credits 6*	Free Election Credits 11,5**
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Code	Subject	Type	Credits	Semester
12373	Legal Medicine	(Tr)	9	2
12374	Preventive Medicine and Public Health	(Tr)	11	Annual
12375	Medicine and Surgery of Systems VIII: Infection, Toxicology, Oncology, and Geriatrics	(Tr)	28	Annual
13823	Molecular Pathology and Clinical Biochemistry	(Ob)	5,5	1
13824	Clinical Pharmacology	(Ob)	4,5	1
13825	Clinical Epidemiology and Applied Statistics	(Ob)	4,5	2

ROUTE: EXPERIMENTAL MEDICINE / RESEARCH IN MEDICINE

Code	Subject	Type	Credits	Semester
13828	Introduction to Scientific Methodology in Medicine (1st and 2nd Cycle) Teach.: Drs. Álvarez-Sala Walther, C. Avendaño Trueba, V. Cuervas-Mons Martínez, J. Larráuri Martínez (LPZ), E. Sanz Ortega (CPH), F. Manzarbeitia Arambarri (FJD), C. Gamallo Amat (HLP), F. García Ríos, A. L. García Villalón, C. Sánchez Ferrer, A. Sillero Repullo, E. Tabarés López, A. Vela Bueno, J. Villamor León. (Several Departments)	(Op)	22	Annual
13830	Molecular and Structural Bases in Cell Proliferation (2nd course) Teach.: Dras. B. Jiménez Cuenca y M. Fernández Martín (Dpt. Biochemistry and Molecular Biology). (1)	(Op)	4,5	2
13831	Bibliographic Works on Present Biochemistry Themes (1st Course) Teach.: Dra. A. Cano García (Dpt. Biochemistry)	(Op)	6	Annual
13826	Vascular Function Advances. (3rd Course) Teach.: Dr. L. Monge Sánchez (Dpt. Physiology). (2)	(Op)	4,5	1

ROUTE: WELFARE MEDICINE / PSYCHO-SOCIAL ASPECTS OF MEDICINE

Code	Subject	Type	Credits	Semester
13846	Medical Ethics and Deontology (3rd, 4th, 5th y 6th) Teach.: Dres. L.F. Pallardo Sánchez, M. de Santiago Corchado (Dpt. Medicine)	(Op)	4,5	2
13849	Palliative Medicine (6th Course) Teach.: Dr. M. González Barón (Dpt. Medicine)	(Op)	4,5	1
13848	Family Medicine and Primary Attention (5th and 6th Course) Teach.: A. Otero Puime (Dpt. Preventive Medicine and Public Health and Microbiology)	(Op)	6	1

ROUTE: CLINICAL MEDICINE

Code	Subject	Type	Credits	Semester
13834	Functional Anatomy and Articular Biomechanics (1 st and 2 nd Cycle) Teach.: Dres. Dr. E. Gómez Barrena (Dpt. Surgery) and E. Rausell Tamayo (Dpt. Anatomy, Histology y Neuroscience). (3)	(Op)	6	1
13833	Cardiopulmonary Resuscitation and Basic Emergency Proceedings. (1 st and 2 nd Cycle) Teach.: Dr. M. Jiménez Lendínes (Dpt. Medicine)	(Op)	4,5	2
13836	Alimentary Toxicology. (2 nd Cycle) Teach.: Dr. J. R. Civantos Benito (Dpt. Pharmacology)	(Op)	4,5	2
13837	Critical Patient. (2 nd Cycle) Teach.: Dres. A. García de Lorenzo (Dpt. Surgery) y Dr. Jiménez Lendínes (Dpt. Medicine)	(Op)	6	2
13840	Perinatal Medicine. (4 th and 5 th Course) Teach.: Dres. A. González González (Dpt. Obstetrics and Gynecology) and J. Quero Jiménez (Dpt. Pediatrics)	(Op)	4,5	1
13843	Organs and Tissues Transplant. (5 th and 6 th Course) Teach.: Dres. V. Cuervas-Mons Martínez (Dpt. Medicine), V. Sánchez Turrión and G. Téllez de Peralta. (Dpt. Surgery)	(Op)	4,5	2
13845	Fluid Therapy. (2 nd Cycle) Teach.: Dres. A. Montero García y R. Selgas Gutiérrez (Dpt. Medicine)	(Op)	4,5	1

SUPERVISED ACADEMIC PROJECTS

Code	Subject	Type	Credits	Semester
13850	Supervised Academic Projects: Physiology I (Cardiovascular Effects of the Sex Hormones) (3 rd Course) Teach.: M. V. Conde Ederra. (Dpt. Physiology)	(Op)	5	2
13852	Supervised Academic Projects: Morphology III Anatomy, Histology and Neuroscience. (Cell Motility) (2 nd Course) Teach.: Dras. M. Cervera Jover and P. Gómez Ramos. (Dpt. Biochemistry, Cell Biology and Anatomy, Histology and Neuroscience) (1)	(Op)	4,5	1
13854	Supervised Academic Projects: Medical Psychology II (Biological Rhythms in Medicine) (1 st and 2 nd Cycle) Teach.: A. Vela Bueno (Dpt. Psychiatry)	(Op)	4,5	2
13855	Supervised Academic Projects: Medical Psychology IV (Medical Communication Theory) (2 nd Course) Teach.: Dres. J. M. Poveda de Agustín and J. Poveda de Agustín. (Dpt. Psychiatry) (2)	(Op)	4,5	2
13857	Supervised Academic Projects: Preventive Medicine II (Early Contact in Primary Attention) (3 rd Course) Teach.: A. Otero Puime (Dpt. Preventive Medicine and Public Health and Microbiology) (3)	(Op)	6	2

Code	Subject	Type	Credits	Semester
13860	Supervised Academic Projects: Biochemistry and Molecular Biology (Spatial Biology) (1 st and 2 nd Cycle) Teach.: Dr. R. Marco Cuellar (Dpt. Biology and Biochemistry) (4)	(Op)	4,5	1
13863	Supervised Academic Projects: Psychiatry I (Psychological Intervention and Behavior of Disease) (3 rd to 6 th Course) Teach. Dres. J. M. Poveda Agustín and J. Poveda de Agustín. (Dpt. Psychiatry) (5)	(Op)	4.5	2
13865	Supervised Academic Projects: Medicine I (Clinical Arrhythmia) (5 th and 6 th Courses) Teach.: Dr. J. Farré Muncharaz (Dpt. Medicine)	(Op)	6	2
13867	Supervised Academic Projects: Medicine III (Arterial Hypertension) (5 th and 6 th Courses) Teach.: Dres. J. Egido de los Ríos and C. Caramelo Díaz (Dpt. Medicine)	(Op)	6	2
13868	Supervised Academic Projects: Medicine IV (Risk Factors of the Ischemic Cardiopathy) (4 th Course) Teach.: Dr. J. Farré. Muncharaz (Dpt. Medicine)	(Op)	6	2
14872	Supervised Academic Project: Morphology I Anatomy, Histology and Neuroscience. (Histophysiology of the Male Genital Apparatus. Bioethics Approach with regard to the beginning of Life) (2 nd to 6 th Course) Teach.: Dres. J. Codesal García and L. Santamaría Solís. (Dpt. Anatomy, Histology and Neuroscience)	(Op)	6 y 6	2
15801	Supervised Academic Projects: Medical Psychology VI (Full Observation of the Human Development 3) (3 rd Course) Teach.: Dres. J. M. Poveda de Agustín, J. Poveda de Agustín and C. Rodríguez Garrido (Dpts. Psychiatry and Developmental Psychology) (7)	(Op)	4,5	1
13861	Supervised Academic Projects: Medical Psychology III. (Full Observation of the Human Development 1) (1 st Course) Teach.: Dres. J. M. Poveda de Agustín, J. Poveda de Agustín and C. Rodríguez Garrido (Dpts. Psychiatry and Developmental Psychology)	(Op)	4,5	1
14469	Supervised Academic Projects: Surgery (Anesthesia) (6 th Course) Teach.: Dr. F. Gilsanz Rodríguez (Dpt. Surgery)	(Op)	4,5	1
13864	Supervised Academic Projects: History of Medicine (Preventive Acting Out in Food Disorders) (1 st and 2 nd Cycle) Teach.: Dr. J. Poveda de Agustín (Dpt. Psychiatry)	(Op)	4,5	2
13853	Supervised Academic Projects: Medical Psychology I (Patología Psicosomática) (1 ^o y 2 ^o Ciclo) Teach.: Dr. J. L. González de Rivera (Dpto. Psychiatry)	(Op)	4,5	2
15956	Supervised Academic Projects: Medicine (Geriatría Clínica) (4 th , 5 th and 6 th Course) Teach.: Dres. F. Arnalich, Fernández, T. Alarcón Alarcón and J. I. González Montalvo (Dpt. Medicine)	(Op)	7	2
15012	Supervised Academic Projects: Research in Neuroscience I (Anatomy, Histology and Neuroscience) (2 ^o cycle) Teach.: Dr. F. Clasca Cabre (Depto. Anatomy, Histology and Neuroscience)	(Op)	12	Annual

16166	Supervised Academic Projects: Physiology II (The heart: from yesterday to now) (7) Teach.: Dr. Dieguez Castrillo (Depto. Physiology)	(Op)	4,5	2
16167	Supervised Academic Projects: Medicine V (Incidence, detection, prevention and treatment of acute renal insufficiency) (5° and 6°) Teach.: Dr. Bernis Carro and J.A. Sanchez Tomero (Depto. Medicine)	(Op)	6	2
16168	Supervised Academic Projects: Medicine VI (Therapeutics Communication, Counselling and Profesional Excellence) (5° and 6°). Teach.: Drs. F. Hernandez Navarro, J. Barbero Gutierrez and P. Arranz Carrillo de Albornoz (Depto. Medicine)	(Op)	6	2
16169	Supervised Academic Projects: Preventive Medicine III (Attitude of the Society before the Science). (1st and 2nd Cycle). Teach. Dr. J.F. Casanova Domingo (Dpt. Preventive Medicine and Public Health and Microbiology).	(Op)	9	2
16170	Supervised Academic Projects: Sugery I (Rehabilitation and Physical Medicine). (2nd Cycle). Teach. Dres. P. Contreras Porta, A. Fuster Puigdomenech, J.L. Miranda Mayordomo and E. Gil Garay (Dpt. Sugery)	(Op)	4,5	1

(Tr): Troncal = Compulsory Credits

(Ob): Obligatorio = Compulsory Credits

(Op): Optativo = Optional Credits