

1. Syllabus

Exam	Course	Year	Semester	Credits
1	Chemistry and introduction to biochemistry	I	1°	9
2	Medical physics	I	1°	6
3	Biology and genetics (I-II)	I	1°-2°	13
4	Histology and embriology	I	2°	8
5	Basic medical scientific methods (I-II-III)	I II	1°-2° 1°	15
6	Biochemistry (I-II)	I II	2° 1°	14
7	Human anatomy (I-II-III)	I II	1° 1°-2°	19
8	Microbiology	II	2°	7
9	Human physiology (I-II-III)	II III	1°-2° 1°	18
10	Immunology and immunopathology	III	1°	8
11	Clinical scientific methods (IV-V-VI)	II III	2° 1°-2°	21
12	Pathology and pathophysiology (I-II)	III	1°-2°	17
13	Laboratory medicine (I-II)	III	1°-2°	11
14	Applied pathology I - Diseases of the respiratory system and cardiovascular system	IV	1°	12
15	Applied pathology II - Diseases of kidney and urinary system	IV	1°	5
16	Applied medical scientific methods (VII-VIII)	IV	1°-2°	6
17	Pathological anatomy and associations with clinical anatomy (I-II)	IV	1°-2°	11
18	Applied pathology III - Diseases of the digestive system, endocrine system and metabolism	IV	2°	12
19	Diagnostic imaging	IV	2°	6
20	Applied pathology IV - Diseases of the blood, hematopoietic organs, immune system and rheumatology	V	1°	6
21	Applied pathology V - Infectious diseases and human reproduction	V	1°	7
22	Diseases of the nervous system	V	1°	5
23	Internal medicine and general surgery I - medical and surgical Oncology	V	1°	8
24	Pharmacology (I-II) and toxicology	IV V	2° 1°	7
25	Psychiatry and cinical psychology	V	2°	4
26	Movement disorders, rheumatology	V	2°	3
27	Dermatology and plastic surgery	V	2°	3
28	Diseases of the sensory organs	V	2°	8
29	Scientific English (I-II-III-IV-V) - Journal Club	I II III IV V	2° 2° 2° 1° 2°	12
30	Medical-scientific methods: public health (IX-X)	V VI	2° 1°	8
31	Internal medicine and general surgery II	VI	1°	8
32	Paediatrics	VI	1°	6
33	Obstetrics and Gynaecology	VI	1°	6
34	Medical-scientific methods: forensic medicine, medicine and the law (XI)	VI	2°	5
35	Internal medicine and general surgery III - medical and surgical therapy and geriatrics	VI	2°	10
36	Emergency medicine and surgery	VI	2°	10
	TOTAL CREDITS FOR EXAMS			334
	<i>Electives (Attività Didattiche Elettive- ADE)</i>			8
	<i>CREDITS for preparation of final thesis</i>			18
	TOTAL			360

2. Courses and course coordinators for each semester

I YEAR	Course Coordinator	Coordinator of Semester
I SEMESTER		P. Sarti
Human Anatomy (I)	L. Pannarale	
Biology and Genetics (I)	F. Citarella	
Chemistry and Introduction to Biochemistry	B. Vallone	
Medical Physics	R. Pani	
Basic Medical Scientific Methods (I)	M. Muscaritoli	
II SEMESTER		F. Malatesta
Biochemistry (I)	F. Malatesta	
Biology and Genetics (II)	F. Citarella	
Histology and Embryology	S. Adamo	
Scientific English- Journal Club (I)	J.F. Osborn	
Basic Medical Scientific Methods (II)	M.S. Cattaruzza	
II YEAR		
I SEMESTER		M. Muscaritoli
Human Anatomy (II)	S. Nottola	
Biochemistry (II)	F. Malatesta	
Human Physiology (I)	C. Limatola	
Basic Medical Scientific Methods (III)	M. Muscaritoli	
II SEMESTER		F. Grassi
Human Anatomy (III)	E. Gaudio	
Human Physiology (II)	F. Grassi	
Scientific English-Journal Club (II)	J.F. Osborn	
Clinical Scientific Methods (IV)	M. Arca	
Microbiology	G. Antonelli	
III YEAR		
I SEMESTER		G. Palmieri
Human Physiology (III)	S. Ferraina	
Immunology and Immunopathology	A. Santoni	
Laboratory Medicine (I)	A. Angeloni	
Clinical Scientific Methods (V)	M. Arca	
Pathology and Pathophysiology (I)	G. Giannini	
II SEMESTER		E. De Smaele
Scientific English-Journal Club (III)	M. Levvero	
Laboratory Medicine (II)	A. Angeloni	
Clinical Scientific Methods (VI)	M. Arca	
Pathology and Pathophysiology (II)	A. Gulino	

3. Timetable lectures

I YEAR – I SEMESTER

CLASSROOM: C1 Istituto d'Igiene – Città Universitaria “Sapienza” Università di Roma

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9 - 10	HUMAN ANATOMY	BIOLOGY AND GENETICS	BASIC MEDICAL-SCIENTIFIC METHODS	HUMAN ANATOMY	
10 - 11	HUMAN ANATOMY	BIOLOGY AND GENETICS	MEDICAL PHYSICS	HUMAN ANATOMY	MEDICAL PHYSICS
11 - 12	BASIC MEDICAL-SCIENTIFIC METHODS	BASIC MEDICAL-SCIENTIFIC METHODS	MEDICAL PHYSICS	MEDICAL PHYSICS	MEDICAL PHYSICS
12 - 13	CHEMISTRY AND INTRODUCTION TO BIOCHEMISTRY	BASIC MEDICAL-SCIENTIFIC METHODS	CHEMISTRY AND INTRODUCTION TO BIOCHEMISTRY	CHEMISTRY AND INTRODUCTION TO BIOCHEMISTRY	CHEMISTRY AND INTRODUCTION TO BIOCHEMISTRY
13 - 14	CHEMISTRY AND INTRODUCTION TO BIOCHEMISTRY	BASIC MEDICAL-SCIENTIFIC METHODS	CHEMISTRY AND INTRODUCTION TO BIOCHEMISTRY	CHEMISTRY AND INTRODUCTION TO BIOCHEMISTRY	CHEMISTRY AND INTRODUCTION TO BIOCHEMISTRY
14 - 15					
15:30 - 16:30				BIOLOGY AND GENETICS	
16:30 – 17:30				BIOLOGY AND GENETICS	
17:30 – 18:30				BIOLOGY AND GENETICS*	

* This hour will be used only for previously defined Genetics lessons.

I YEAR – II SEMESTER

CLASSROOM: C1 Istituto d'Igiene – Città Universitaria "Sapienza" Università di Roma

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9 - 10	BASIC MEDICAL-SCIENTIFIC METHODS II	BIOCHEMISTRY I	BIOCHEMISTRY I	BASIC MEDICAL-SCIENTIFIC METHODS II	BIOCHEMISTRY I
10 - 11	BASIC MEDICAL-SCIENTIFIC METHODS II	BIOCHEMISTRY I	BIOCHEMISTRY I	BASIC MEDICAL-SCIENTIFIC METHODS II	BIOCHEMISTRY I
11 - 12	BIOLOGY AND GENETICS II	HISTOLOGY AND EMBRIOLOGY	BIOLOGY AND GENETICS II	HISTOLOGY AND EMBRIOLOGY	HISTOLOGY AND EMBRIOLOGY
12 - 13	BIOLOGY AND GENETICS II	HISTOLOGY AND EMBRIOLOGY	BIOLOGY AND GENETICS II	HISTOLOGY AND EMBRIOLOGY	HISTOLOGY AND EMBRIOLOGY
13 - 14	BIOLOGY AND GENETICS II**	SCIENTIFIC ENGLISH I	BIOLOGY AND GENETICS II**	SCIENTIFIC ENGLISH I	
14 – 15					
15 – 16				HISTOLOGY AND EMBRIOLOGY – LAB*	
16- 17				HISTOLOGY AND EMBRIOLOGY – LAB*	
17 - 18					

*Auletta Esercitazioni Dipartimento SAIMAL – Sezione Istologia (Via A. Scarpa, 14)

** This hour will be used only for previously defined Genetics lessons.

II YEAR – I SEMESTER

CLASSROOM: Ex Officine Ortopediche – Città Universitaria “Sapienza” Università di Roma

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9 - 10	BASIC MEDICAL-SCIENTIFIC METHODS III	BASIC MEDICAL-SCIENTIFIC METHODS III	BIOCHEMISTRY II	BASIC MEDICAL-SCIENTIFIC METHODS III	HUMAN ANATOMY II
10 - 11	BASIC MEDICAL-SCIENTIFIC METHODS III	BASIC MEDICAL-SCIENTIFIC METHODS III	BIOCHEMISTRY II	BASIC MEDICAL-SCIENTIFIC METHODS III	HUMAN ANATOMY II
11 - 12	BIOCHEMISTRY II	HUMAN ANATOMY II		BIOCHEMISTRY II	HUMAN PHYSIOLOGY I
12 - 13	BIOCHEMISTRY II	HUMAN ANATOMY II	HUMAN PHYSIOLOGY I	BIOCHEMISTRY II	HUMAN PHYSIOLOGY I
13 - 14			HUMAN PHYSIOLOGY I		HUMAN PHYSIOLOGY I
14 – 15				GENETICS SEMINAR: NOV 7; DEC 5**	
15 – 16				GENETICS SEMINAR: NOV 7; DEC 5**	
16- 17	HUMAN ANATOMY-LAB*			GENETICS SEMINAR: NOV 7; DEC 5**	
17 - 18	HUMAN ANATOMY-LAB*			GENETICS SEMINAR: NOV 7; DEC 5**	

* Classroom L – Dipartimento di Anatomia Umana (Via Borelli, 50)

** Basic Medical-Scientific Methods: Genetics seminars (14:00-18:00) November 7th, 2013; December 5th, 2013.

II YEAR – II SEMESTER

CLASSROOM: Ex Officine Ortopediche – Città Universitaria “Sapienza” Università di Roma

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9 - 10		HUMAN PHYSIOLOGY II		HUMAN PHYSIOLOGY II	HUMAN PHYSIOLOGY II
10 - 11		HUMAN ANATOMY III	CLINICAL-SCIENTIFIC METHODS IV	HUMAN ANATOMY III	HUMAN PHYSIOLOGY II
11 - 12	MICROBIOLOGY	HUMAN ANATOMY III	CLINICAL-SCIENTIFIC METHODS IV	HUMAN ANATOMY III	MICROBIOLOGY
12 - 13	MICROBIOLOGY	SCIENTIFIC ENGLISH II	CLINICAL-SCIENTIFIC METHODS IV	HUMAN PHYSIOLOGY II	MICROBIOLOGY
13 - 14	MICROBIOLOGY	SCIENTIFIC ENGLISH II		HUMAN PHYSIOLOGY II	
14 - 15			CLINICAL-SCIENTIFIC METHODS IV*		
15 - 16		HUMAN ANATOMY- LAB	CLINICAL-SCIENTIFIC METHODS IV*	MICROBIOLOGY	
16 - 17		HUMAN ANATOMY- LAB	CLINICAL-SCIENTIFIC METHODS IV*		
17 - 18			CLINICAL-SCIENTIFIC METHODS IV*		
18 - 19			CLINICAL-SCIENTIFIC METHODS IV*		

**timetable afternoon lessons: 3p.m.-5p.m. (March 27, April 3, 10, 24, May 15,29), 2.30p.m.-7.30p.m. (April 17, May 8, 22), partially divided into groups*

III YEAR – I SEMESTER

CLASSROOM: Ex Officine Ortopediche – Città Universitaria “Sapienza” Università di Roma

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9 - 10		PATHOLOGY AND PATHOPHYSIOLOGY I		IMMUNOLOGY AND IMMUNOPATHOLOGY	
10 - 11		PATHOLOGY AND PATHOPHYSIOLOGY I	CLINICAL- SCIENTIFIC METHODS V	IMMUNOLOGY AND IMMUNOPATHOLOGY	
11 - 12		IMMUNOLOGY AND IMMUNOPATHOLOGY	CLINICAL- SCIENTIFIC METHODS V	IMMUNOLOGY AND IMMUNOPATHOLOGY	
12 - 13		IMMUNOLOGY AND IMMUNOPATHOLOGY	CLINICAL- SCIENTIFIC METHODS V		
13 - 14	LABORATORY MEDICINE I			PATHOLOGY AND PATHOPHYSIOLOGY I	LABORATORY MEDICINE I
14 – 15	LABORATORY MEDICINE I			PATHOLOGY AND PATHOPHYSIOLOGY I	LABORATORY MEDICINE I
15 – 16		HUMAN PHYSIOLOGY III		PATHOLOGY AND PATHOPHYSIOLOGY I	
16- 17		HUMAN PHYSIOLOGY III			
17 - 18					

III YEAR – II SEMESTER

CLASSROOM: Ex Officine Ortopediche – Città Universitaria “Sapienza” Università di Roma

Time	Monday	Tuesday	Wednesday	Thursday	Friday
9 - 10		PATHOLOGY AND PATHOPHYSIOLOGY II		PATHOLOGY AND PATHOPHYSIOLOGY II*	
10 - 11		PATHOLOGY AND PATHOPHYSIOLOGY II	SCIENTIFIC ENGLISH III	PATHOLOGY AND PATHOPHYSIOLOGY II*	
11 - 12		LABORATORY MEDICINE II	SCIENTIFIC ENGLISH III	PATHOLOGY AND PATHOPHYSIOLOGY II*	
12 - 13		LABORATORY MEDICINE II	SCIENTIFIC ENGLISH III	PATHOLOGY AND PATHOPHYSIOLOGY II*	
13 - 14				LABORATORY MEDICINE II*	
14 - 15		CLINICAL SCIENTIFIC METHODS VI	CLINICAL SCIENTIFIC METHODS VI	LABORATORY MEDICINE II*	
15 - 16		CLINICAL SCIENTIFIC METHODS VI	CLINICAL SCIENTIFIC METHODS VI	LABORATORY MEDICINE II*	
16 - 17		CLINICAL SCIENTIFIC METHODS VI	CLINICAL SCIENTIFIC METHODS VI		
17 - 18					

**The schedule for the Thursday lessons at 9:30, and all the lessons start on the half hour (i.e. Pathology and Pathophysiology is from 9:30 to 12:30, and Laboratory Medicine is from 13:30 to 15:30)*

4. Exams and ongoing examinations

I YEAR

Courses	Credits (CFU)
I Year	60

Courses	CFU	Exam/ongoing examination
I SEMESTER	31	
Human anatomy (I)	5	<i>Ongoing examination</i>
Biology and genetics (I)	5	<i>Ongoing examination</i>
Chemistry and introduction to biochemistry	9	Exam
Medical physics	6	Exam
Basic medical scientific methods (I)	6	<i>Ongoing examination</i>

Courses	CFU	Exam/ongoing examination
II SEMESTER	29	
Biochemistry (I)	6	<i>Ongoing examination</i>
Biology and genetics (II)	8	Exam
Histology and embriology	8	Exam
Scientific English (I)	2	<i>Ongoing examination</i>
Basic medical scientific methods (II)	4	<i>Ongoing examination</i>

Electives	1	
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II YEAR

Courses	Credits (CFU)
II Year	60

Courses	CFU	Exam/ongoing examination
I SEMESTER	29	
Human anatomy (II)	7	Ongoing examination
Biochemistry (II)	8	Exam
Human physiology (I)	8	Ongoing examination
Basic medical scientific methods (III)	5	Exam

Electives	1	
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Courses	CFU	Exam/ongoing examination
II SEMESTER	31	
Human anatomy (III)	7	Exam
Human physiology (II)	7	Ongoing examination
Scientific English (II)	4	Ongoing examination
Microbiology	7	Exam
Clinical scientific methods (IV)	5	Ongoing examination

Electives	1	
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III YEAR

Courses	Credits (CFU)
III Year	60

Courses	CFU	Exam/ongoing examination
I SEMESTER	31	
Human Physiology (III)	3	Exam
Immunology and Immunopathology	8	Exam
Laboratory Medicine (I)	5	Ongoing examination
Pathology and Pathophysiology (I)	7	Ongoing examination
Clinical scientific Methods (V)	8	Ongoing examination

Courses	CFU	Exam/ongoing examination
II SEMESTER	29	
Scientific English (III)	4	Ongoing examination
Laboratory Medicine (II)	6	Exam
Pathology and Pathophysiology (II)	10	Exam
Clinical scientific Methods (VI)	8	Exam

Electives	1	
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