

DEPARTMENT OF MEDICINE

Description of the First Cycle of Medical Studies

The first cycle of undergraduate medical studies, which includes the first three years, has a total of 3,505 students enrolled at the Faculty of Medicine of Oran for the 2024/2025 academic year.

These students, belonging to the Department of Medicine, are distributed across the three years based on their number, gender, and nationality:

- First Year: 1,473 students are enrolled, including 1,360 Algerian students (1,035 female and 325 male) and 28 international students (7 female and 11 male), with 77 repeating students (including 70 Algerians) and 8 students repeating for the third time, all of whom are Algerian.
- Second Year: A total of 1,054 students, including 1,044 Algerians (749 female and 226 male) and 10 international students (of whom 4 are male). There are 72 repeating students, including 3 international students.
- Third Year (Pre-Clinical Cycle): A total of 978 students, comprising 968 Algerians (775 male and 193 female) and 10 international students (8 female and 2 male). At this level, 22 Algerian students are repeating the year.

Theoretical Teaching

During the first and second years, teaching is exclusively focused on fundamental sciences. Additionally, classical disciplines are taught according to adapted teaching hours (see tables below), including Anatomy, Physiology, Histology-Embryology and Cytology, Biophysics, Biochemistry, Chemistry, and Health-Society and Humanities (SSH). The teaching of Biostatistics and Informatics is integrated into the first-year program, with specific teaching hours defined by the course coordinator.

The second-year lecture courses include integrated teaching of the following subjects:

Cardiovascular, Respiratory, and Blood System, Digestive System, Urinary System, Endocrine and Reproductive System, Nervous System, and Sensory Organs

In the second-year curriculum, which has undergone modifications regarding the lectures taught compared to previous years, thematic modules in Genetics and Immunology have been introduced.

The first-year teaching programs primarily focus on general concepts of cytology and cellular physiology, anatomy and physiology of skeletal muscle and the autonomic nervous system, histology-embryology, etc.

As for the third-year preclinical cycle curriculum, it is mainly centered on the teaching of semiology in its two parts: medical and surgical, according to a well-defined hourly volume (see tables below), representing almost half of the total annual teaching hours.

This program is also notable for the introduction of courses in radiology, anatomy-cytology-pathology, pathophysiology, and pharmacology.

Hospital internships begin in the third year according to established schedules. Each student has an internship logbook composed of several sheets outlining the learning objectives in different fields.

Table of Modules and Teaching Hours

Annual System - 1st Year (New Program) - 2018/2019

Modules	Durée	Coefficients	Remarques
Anatomie globale	96h EM, 60h TP, 36h	02	
Biochimie globale	110h	02	
Physique – Biophysique	80h EM, 60h TD, 10h TP, 10h	02	
Bio statistiques – Informatique	-	02	
Cytologie globale	57h EM, 37h TD, 08h TP, 12h	02	
Chimie	-	02	
Embryologie (Semestriel : Semestre 1)	35h TP, 07h30	01	Semestre 1 uniquement
Histologie (Semestriel : Semestre 2)	30h EM, 22h30 TD, 07h30 TP	01	Semestre 2 uniquement
Physiologie générale	27h TD, 1h TP, 2h	01	Semestre 2 uniquement
Santé, Société et Humanité	22h30	01	Semestre 1 uniquement
Langues	-	02	

2nd Year (New Program) - 2019/2020

Unités	Nombre de semaines
UEI Appareil Cardio-vasculaire, Respiratoire et Sang	05 semaines
UEI Appareil Digestif	05 semaines
UEI Appareil Urinaire	03 semaines
UEI Appareil Endocrinien et de la Reproduction	07 semaines
UEI Appareil Nerveux et Organes de sens	07 semaines
Module Génétique	04 semaines
Module Immunologie Fondamentales	02 semaines

3rd Year (New Program) - 2020/2021

Unités	Nombre d'heures	Semestre
UEI 1 : Psychologie médicale, Sémiologie générale, Appareil Cardio-vasculaire et Appareil Respiratoire	10h, 30h, 35h, 35h	Semestre 1
UEI 2 : Appareil Neurologique, Locomoteur et Cutané	30h, 10h, 10h	Semestre 1
Anatomie et cytologie pathologiques	40h	Semestre 1
Immunologie	40h	Semestre 1
UEI 3 : Appareil Endocrinien de reproduction et Urinaire	25h, 25h, 10h	Semestre 2
UEI 4 : Appareil Digestif et Organes Hémato-poïétiques	50h, 10h	Semestre 2
Microbiologie Médicale	40h	Semestre 2
Parasitologie Mycologie	40h	Semestre 2
Pharmacologie Clinique	40h	Semestre 2

1. Description of the Second Cycle of Medical Studies

General Objectives of the Second Cycle of Medical Studies:

- Deepen clinical knowledge: Study major pathologies, their diagnosis, and management.
- Develop practical skills: Participate in hospital internships to observe and practice under supervision.
- Enhance clinical reasoning: Learn to establish diagnoses, propose treatments, and manage complex clinical situations.
- Improve communication skills: Interact with patients, their families, and other healthcare professionals.
- Introduce specialized medical skills: Explore major medical and surgical specialties.

Preparing for the Internship: Acquiring the Necessary Skills to Transition to Internship and Practice Autonomously in a Hospital Setting

Since the third year is part of the pre-clinical cycle at the Faculty of Medicine of Oran (FMO), the clinical cycle begins in the fourth year. This phase of training is characterized by an integrated modular system focusing on specialized pathology. Each module includes theoretical instruction integrating clinical aspects alongside the corresponding clinical internship. This training is supervised by a faculty member serving as the head of the pedagogical committee (CP).

The clinical cycle also includes the fifth and sixth years, during which the curriculum combines theoretical teaching with clinical internships. The seventh year is dedicated exclusively to the internship period.

This three-year cycle includes a total of 2,845 students pursuing their education and training during the 2024/2025 academic year.

- The fourth year of medical studies consists of 919 students, of whom 909 are Algerian nationals, including 709 females. There are also 10 foreign students, 6 of whom are male. Additionally, 12 students are repeating the year.
- The fifth year includes 878 students, with 861 Algerian nationals, including 629 females. There are also 17 foreign students, mostly female (13). A total of 11 students are repeating the year.
- The sixth year comprises 1,048 students following a structured curriculum. Among them, 1,010 are Algerian nationals, including 671 females, while 38 are foreign students, with only 3 females. This year of the clinical cycle has 112 students repeating the year, 105 of whom are Algerian.

At the end of the clinical cycle, after completing all required modules and validating all internship rotations, students reach the "end of the curriculum" stage. They are then awarded a Doctorate in General Medicine, enabling them to practice medicine.

The seventh year of the clinical cycle, devoid of any theoretical instruction, is solely dedicated to the internship. This internship consists of four periods of three months each, carried out in various healthcare departments and institutions, following a ranking system based on academic merit.

At the end of each period, students must submit an internship report to the department head for validation. Additionally, they are required to prepare an internship dissertation at the end of the seventh year as a prerequisite for completing the year.

**Summary Table of Module Distribution for the 2nd Cycle
4th Year (New Program) - 2021/2022**

Modules	Semaines
UEI 1 : Cardiovasculaire et Respiratoire	12
UE 2 : Hépatogastro-entérologie	07
UE 3 : Maladies infectieuses	06
UE 4 : Neurologie	06
UE 5 : Onco-Hématologie	05

5th Year (New Program) - 2022/2023

Modules	Semaines
Appareil locomoteur	08
Généco-gynécologie-Obstétrique	08
Pédiatrie	08
Santé mentale	04
Endocrinologie – Maladies métaboliques	04
Urologie – Néphrologie	04

6th Year (New Program) - 2023/2024

Modules	Semaines
Médecine d'urgence	07
Médecine légale et droit médical	05
Personne Agée	03
Maladies systémiques	03
Dermatologie	03
ORL (Oto-rhino-laryngologie)	03
Ophtalmologie	03
Santé au travail et environnement	04
Epidémiologie – Méthodologie de recherche – Lecture critique d'article – Santé publique et économie de la santé	05

Seventh Year of Medicine (INTERNSHIP)

Students complete four internships in four disciplines: Pediatrics, Obstetrics and Gynecology, Surgery, and Medicine. These internships are primarily focused on clinical practice, including patient management in wards, consultations, and emergency care.

Each of the four internships is assessed through the submission of a "internship report," which may take the form of a literature review or case file analysis.

The validation of multiple types of internships is mandatory. It is based on the evaluation of the objectives set for each internship, in accordance with the medical intern's logbook.

List of Internship Training Sites:

Medical Internship Training Sites

N°	Terrains	S1	S2	N°	Terrains	S1	S2
1	CARDIO CHU	8	8	18	NEURO EHU	8	8
2	CARDIO EHU	8	8	19	ONCOLOGIE CHU	8	8
3	CARDIO HMRUO	8	8	20	ONCOLOGIE EHU	6	6
4	DERMATO CHU	4	4	21	ONCOLOGIE CAC	6	6
5	DERMATO EHU	4	4	22	ORL CHU	10	10
6	ENDOCRINO LARIBERE	4	4	23	ORL EHU	10	10
7	ENDOCRINO EHU	4	4	24	PNEUMO A CHU	12	12
8	GASTRO CHU	10	10	25	PNEUMO B CHU	12	12
9	GASTRO EHU	10	10	26	PNEUMO EHU	10	10
10	GASTRO HMRUO	8	8	27	REA 5 CHU	10	10
11	HEMATO CHU	6	6	28	REA MED EHU	10	10
12	HEMATO EHU	6	6	29	RHUMATO CHU	4	4
13	INFECTIO CHU	12	12	30	URGENCES MED CHU	8	8
14	MED INTERNE CHU	10	10	31	URGENCES MED EHU	8	8
15	MED INTERNE EHU	10	10	32	Néphro EHU	10	10
16	MED INTERNE HMRUO	8	8	33	Gastro Police	10	10
17	NEURO CHU	8	8	34	Réa Med Police	10	10
18	NEURO EHU	8	8	35	Med Intern Police	10	10

Surgical Internship Training Sites

N°	Terrains	S1	S2	N°	Terrains	S1	S2
36	CCI CHU	12	12	51	CHIR MAXILO EHU	6	6
37	CCI CANASTEL ORTHOPEDE	10	8	52	NEURO CHIR CHU	6	6
38	CCI CANASTEL VISCERALE	8	8	53	NEUROCHIR EHU	6	6
39	CCI CANASTEL URO	12	12	54	NEUROCHIR HMRUO	6	6
40	CHIRURGIE PAV 14 CHU	14	14	55	REA CHIR EHU	10	10
41	CHIRURGIE PAV 10 CHU	10	10	56	TRAUMATO CCF	10	10
42	CHIRURGIE GLE EHU	14	14	57	TRAUMATO EHU	12	12
43	CHIRURGIE HB EHU	12	12	58	TRAUMATO HMRUO	8	8
44	CHIRURGIE HMRUO	8	8	59	URGENCES CHIR CHU	12	12
45	CHIR OPHTALMO COUNIOT	8	8	60	URGENCES CHIR EHU	12	12
46	CHIR THORACIQUE CHU	6	6	61	UROLOGIE CHU	8	8
47	CHIR THORACIQUE EHU	6	6	62	UROLOGIE EHU	8	8
48	CHIR VASC EHU	6	6	63	UMC HMRUO	5	5
49	CHIR PLASTIQUE EHU	6	6	64	TRAUMATO POLICE	5	5
50	CHIR CARDIO EHU	6					

Gynecology Internship Training Sites

N°	Terrains	S1	S2
65	MATERNITE CHU	100	100
66	MATERNITE EHU	70	70
67	MATERNITE HMRUO	30	30
68	MATERNITE NOUAR FADELA	50	50

Pediatrics Internship Training Sites

N°	Terrains	S1	S2
69	GASTRO CANASTEL	20	20
70	PEDIATRIE CEA	24	24
71	PEDIATRIE HMRUO	8	8
72	PEDIATRIE MARFAN	54	54
73	NEO NAT NOUAR FADELA	12	12
74	NEO NAT CHU	12	12
75	CLINIQUE AMIRAL CABRAL	30	30
76	REA PED CHU	10	10
77	REA PED EHU	10	10
78	PNEUMO CANASTEL	20	20
79	UMC CANASTEL	16	16
80	REA CANASTEL	10	10
81	HEMATO CANASTEL	10	10
82	NEPHRO CANASTEL	10	10
83	INFECTIEUX CANASTEL	4	4
84	Cardio Ped Canastel	8	8
