

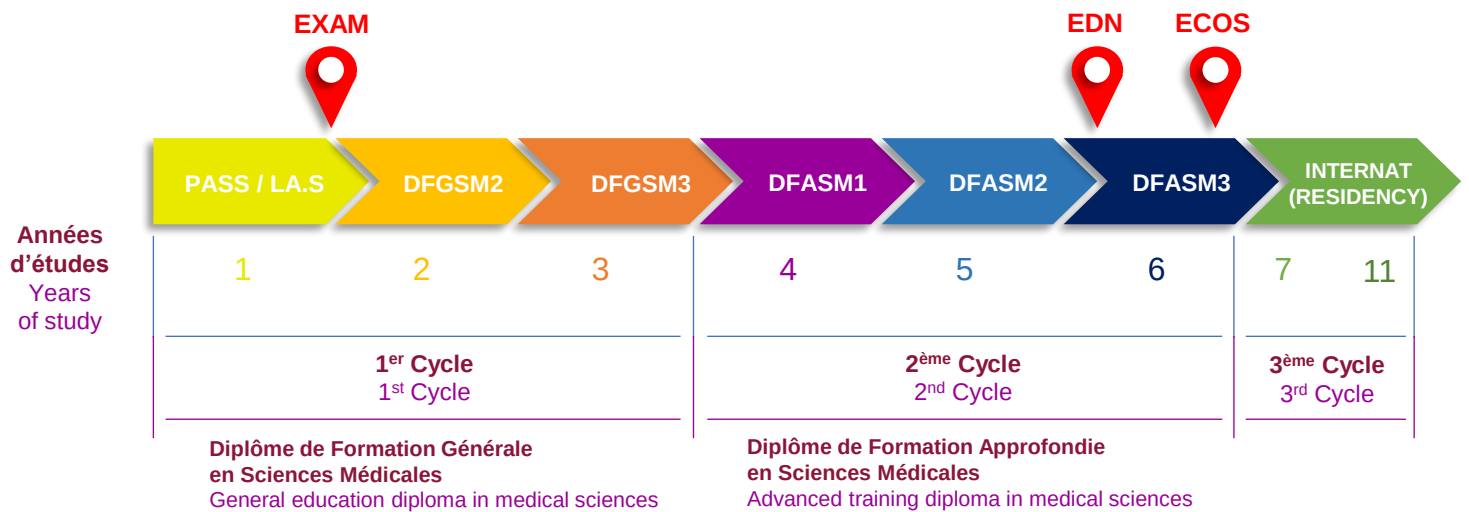


Medical School

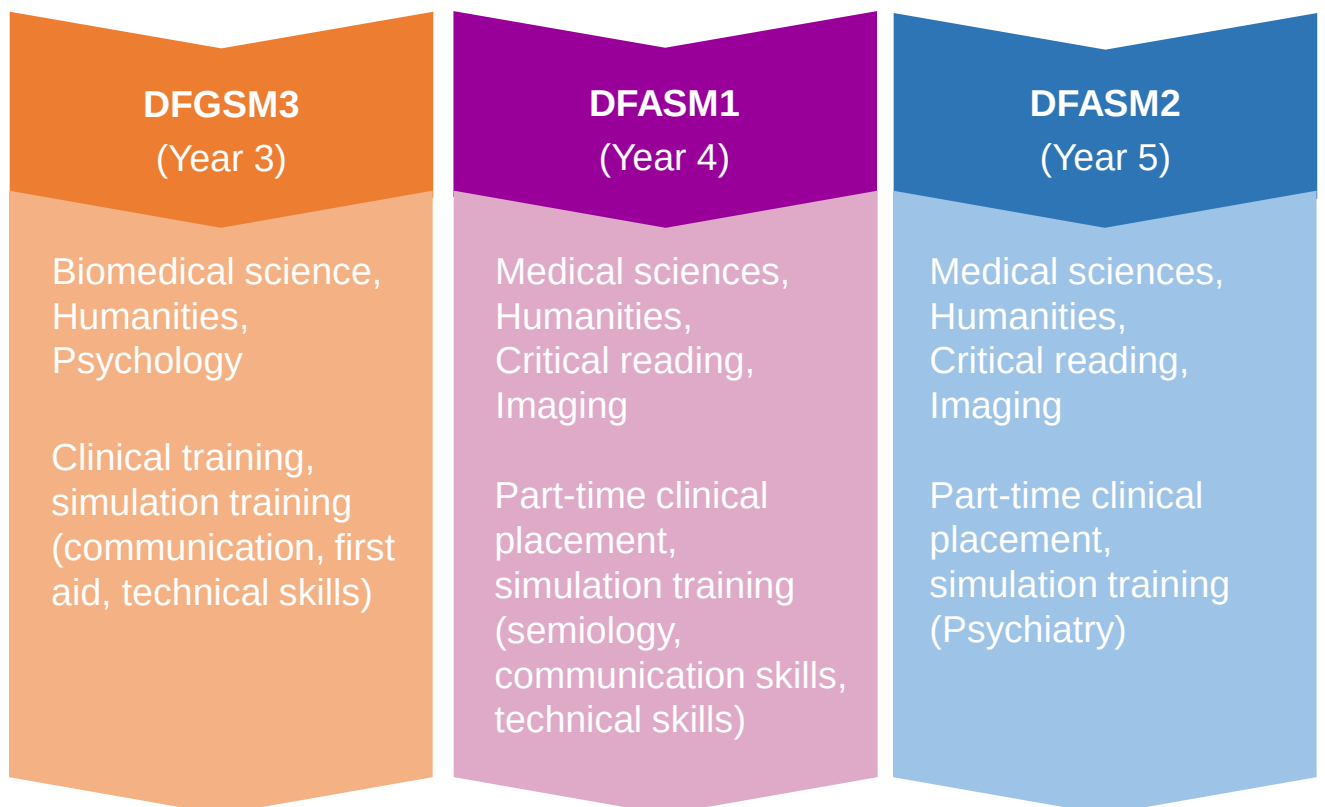
Course catalog

2025 - 2026

MEDICAL STUDIES IN FRANCE



OVERVIEW OF THE EXCHANGE PROGRAM AT UPCité MEDICAL SCHOOL



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A

AFGSU : Attestation de Formation aux Gestes et Soins d'Urgence

Certificate of training in emergency gestures and care
(intended for health professionals, whatever their independent or employee status and for other administrative, technical and worker staff in health and medico-social establishments)

AHU : Assistant Hospitalier Universitaire / University hospital assistant

C

CC : Chef de clinique / University hospital assistant

CCA (ou CCU-AH) : Chef de Clinique Assistant (ou Chef de clinique des universités – Assistant des hôpitaux / Assistant clinical head (or University clinical head – Hospital assistant)

CESU : Centres d'Enseignement de Soins d'Urgence / Emergency care teaching centers

CM : Cours Magistraux / Amphi courses

CMF : Chirurgie maxillo-faciale / Maxillofacial surgery

CNG : Centre National de Gestion

National Management Center
(administrative center responsible for organizing access to health professions, manages hospital practitioners and management personnel of the hospital public service, organizes competitions and recruitment)

D

DP : Dossiers Progressifs / Progressive files

DFGSM3 : Diplôme de Formation Générale en Sciences Médicales 3^{ème} année (1^{er} cycle) / General education diploma in medical science 3rd year (1st cycle) = Year 3

DFASM1 : Diplôme de Formation Approfondie en Sciences Médicales 1^{ère} année (2^{ème} cycle) / Advanced training diploma in medical sciences 1st year (2nd cycle) = Year 4

DFASM2 : Diplôme de Formation Approfondie en Sciences Médicales 2^{ème} année (2^{ème} cycle) / Advanced training diploma in medical sciences 2nd year (2nd cycle) = Year 5

E

ECOS : Examen Clinique Objectif Structuré / Objective structured Clinical Examination (OSCE)

E

ED : Enseignements Dirigés / Compulsory supervised courses in small groups

EDN : Epreuves Dématérialisées Nationales / National Dematerialized Tests (=French national ranking examination (NRE))

EFS : Etablissement Français du Sang / French Blood Establishment

I

iLumens : Département de simulation en santé (<https://ilumens.fr>) / Health simulation department (<https://ilumens.fr>)

K

KFP : Key-feature-problem

L

LCA : Lecture Critique d'Articles / Articles critical reading of Articles

M

MCU (ou **MCU-PH**) : Maître de Conférence des Universités – Praticien Hospitalier / University lecturer – Hospital practitioner

MOA : Module Obligatoire d'Approfondissement / Compulsory in-depth module

Moodle : Plateforme d'apprentissage en ligne / Online learning platform or course management system (CMS)

O

ORL : Otorhinolaryngologie / Otorhinolaryngology (ORL-H&N, OHNS or ENT)

P

PBL : Problem-based learning

PH : Praticien Hospitalier / Hospital practitioner

PU-PH : Professeur des Universités – Praticien Hospitalier / University professor - hospital practitioner

Q

QI : Questions Isolées / Isolated Questions

QMR : Questions à meilleure réponse / Best-response questions

QR : Questions/Réponses / Question and Answer (Q&A)

QRM : Questions à réponses multiples / Multiple responses questions

QROC : Questions à réponses ouvertes et concises / Open and concise answer questions

QROL : Questions à réponses ouvertes et longues / Long open answer questions

QRU : Questions à réponses uniques / Single answer questions

R

R2C : Réforme du 2nd cycle des études de médecine / Reform of the 2nd cycle of medical studies

RGPD : Règlement général sur la protection des données / General Data Protection Regulation

S

SMT : Stage médico-technique / Medical Technical Training

T

TCS : Test de Concordance de Script / Script match test

TD : Travaux Dirigés / Interactive tutorials

U

UE : Unité d'Enseignement / Teaching Unit (=courses / modules)

UEL : Unité d'Enseignement Libre « UE Libre » / Free Teaching Unit (=free to pick courses / modules)

Z

Zonage / Zoning

DFGSM3

In DFGSM3, the academic year is divided into semesters.

Compulsory training consists of courses (UE) from the core curriculum and compulsory free to pick courses/modules (UEL).

Notes taken in class by students and distributed are the sole responsibility of the students and are not binding. Students are responsible for respecting copyright, and for obtaining any necessary authorizations from teachers.

Mandatory training also includes :

- hospital trainings (medical-technical and immersion trainings)
- learning on iLumens simulation platforms (Physician-Patient Workshops : “First contact workshops” & “Role-playing workshops”, AFGSU, technical gestures : pleural puncture, ascites, articular, venous, arterial, lumbar, sutures)

Some courses (UE) offer training in the form of compulsory supervised courses in small groups (ED).

These EDs are done by groups of students, established by the DFGSM3 school office at the beginning of the semester. Any change of group must be the subject of a prior and motivated request to the school office, with presentation of supporting documents. No group modification can be made at the time of the ED by the student's own decision.

These EDs are mandatory and may be subject to an attendance check, possibly in the form of effective participation in knowledge tests during the ED course, carried out using the student's equipment (telephone, laptop). The presence at the ED may be transmitted to the jury to help with the decision if necessary. Students must provide themselves with the necessary technical equipment for each ED. Some courses (UE) may be subject to continuous assessment (CC), the score of which will contribute to the score for the final session 1 exam.

Some courses offer certain students the opportunity to follow ED in the form of problem-based learning (PBL, Problem-based learning for English-speaking groups) instead of traditional ED.

All proof of absence from training courses, simulation workshops or ED must be received by the school office no later than 48 hours after the absence in order to be taken into account (medical certificates, etc.).

Semester 1

UE1 : Neuro-sensorial



ECTS : 3 **Course duration :** 20 hours of CM + 2 hours of ED (PBL)

Assessment: compulsory attendance to EDs + exam at the end of semester 1 (1h30, x2 QI and/or DP sub-tests (Ophtalmology (45 min), ORL (45 min))

Vision, hearing, balance, perception of taste and smell, phonation and swallowing: the aim is to give students a better understanding of how these major functions work, and to understand their semiology.

The 22-hour courses include CM as well as more applied Q&A sessions and integrated clinical cases, plus 2 review webinars.

UE2 : Skin covering



ECTS : 3

Course duration : 9 hours of CM + 3 hours of ED

Final exam : compulsory attendance to EDs + exam at the end of semester 1 (1 hour, validation in a single block of QI and/or DP - Assessment is based on 50 multiple-choice questions and clinical cases (2 files of 7 questions each)).

The skin is an organ that is easily accessible to clinical examination and simple paraclinical investigations (biopsy, microbiological or cytological sampling). Observation of the skin covering, external mucous membranes and appendages must be part of every clinical examination.

Learning objectives :

- Understand the structure and main functions of the skin organ

- Knowledge of dermatological symptomatology, to be able to describe and recognize elementary lesions which may be primitive, reflecting the initial lesional process, or secondary, representing the evolution of this process. A dermatosis may consist of a single type of lesion, or a combination of several lesions
- Understand the mechanisms of appearance and evolution of skin lesions and the principles of their treatment, based on knowledge of anatomopathology, embryology, physiology, immunology and pharmacology
- Know the principles of dermatological examination: questioning, examination of the skin, mucous membranes and appendages
- Know how to perform and interpret the main complementary tests, including skin biopsies and infectious samples,
- Know the particularities of a topical treatment in terms of cutaneous absorption, benefits and risks.

Teaching consists of :

- **CMs (1h30) :**
 - ✓ Course 1: Skin and appendages semiology
 - ✓ Course 2: Skin biopsy and basic notions of skin pathology
- **6 themed lectures in amphitheatre (1h classes) :**
 - ✓ Course 1: Junction system, skin microbiome
 - ✓ Course 2: Melanogenesis and skin ageing
 - ✓ Course 3: Cutaneous immune system
 - ✓ Course 4: Carcinogenesis
 - ✓ Course 5: Healing and burns
 - ✓ Course 6: Cutaneous pharmacology, skin absorption, galenic forms
- **Clinical cases in ED rooms (of 1h30) :**
2 ED with 2 x 5 clinical cases (10 in total), covering the concepts covered in lectures and thematic lessons. This slide show, in the form of 10 clinical cases, covers the various elementary and secondary lesions, with links to histology/physiology/immunology.

The referential is the document published by the Collège des Enseignants en Dermatologie.

UE3 : Oncology



ECTS : 3

Course duration : 20 hours of CM

Assessment : exam at the end of semester 1 (1h30, validation in a single block of QI and/or DP)

The aim of the Oncology UE is to provide an introduction to oncology by exploring the diagnostic aspects of clinical semiology, the characterization of the disease in imaging, the characterization of the tumor from a histological and molecular point of view - aspects which strongly condition management today, right through to the evaluation of the extension of the disease.

The pedagogical objective is to teach cancer diagnosis strategy and illustrate the cancer patient's care pathway.

These aspects will be explored in greater depth at a later stage in the DFASM1 oncology course.

Teaching organization

The teaching team is multi-disciplinary, and teaching is provided in the form of twenty-minute video sequences grouped by major theme, available on the EU Moodle page. CMs (1h30) :

- Semiology, epidemiology and disease discovery through imaging
- Cancer pathology
- Impact of molecular oncology on diagnosis (prognosis, predisposition), therapy and follow-up
- Assessment of disease extension

The main chapters end with interactive sessions in the form of clinical cases and teacher/student questions/answers. Course content and expected notions are summarized in the UE reference guide, also available on Moodle. The entire course ends with a multi-disciplinary review session to practice for the final assessment. For those who wish, the course can be completed, even partially, by following the MOOC "Stratégies diagnostiques des cancers" on the FUN (France Université Numérique) platform.

UE4 : Biomedical epidemiology LCA (Articles Critical Reading)



ECTS : 4

Course duration : 12 hours of CM + 6 hours of ED

Assessment : compulsory attendance to EDs + exam at the end of semester 1 (1 hour, validation in a single block of DP and/or QI)

Today, medical practice is based on scientific data. A doctor must therefore be able to understand the scientific studies, and in particular clinical research studies, on which current medical knowledge is based.

The "Quantitative Epidemiology and Biomedicine for Articles Critical Reading (LCA)" course (UE) covers all the mathematical, statistical and methodological bases needed to tackle these subjects. It provides an introduction to the DFASM article-critical reading courses (UE) and the LCA examination.

Teaching divided into four main themes, each with two CM and a compulsory supervised courses in small groups (ED).

UE5 : English



ECTS : 3

Course duration : 18 hours of ED

Assessment : compulsory attendance at EDs (oral participation required) + end-of-semester 1 exam (1h30, oral presentation of a clinical case and interaction on questions posed by teachers or peers (30min, 40%) + final exam (1h, 60%))

The Medical English course is a continuation of the DFGSM2 course. The aim remains to consolidate and deepen linguistic and medical knowledge, and to broaden communication skills.

In terms of themes, the teaching will follow the medical curriculum: Medical Research, Medical Ethics, Gastrointestinal System, Urinary System, Locomotor System, Nervous System and Neurology, Infectiology and Mental Health.

Skills include oral and written comprehension of medical documents, reading of articles, clinical questioning (OSCE), presentation of a clinical case outside teaching hours, and debates on medical and social issues.

ECTS : 3

Course duration : 8 CM of 45 min each (6 hours of CM in total) + 4,5 hours of ED

Assessment : compulsory attendance to EDs + exam at the end of semester 1 (1 hour, validation in a single block of QI and/or DP)

Genomic medicine is playing an increasingly important role in the diagnosis and management of patients and their relatives, whatever the disease area concerned.

The main objectives of this course are to provide future general practitioners and specialists with the concepts and tools they will need in their day-to-day practice.

Teaching organization

The 8 CM focus on emblematic Mendelian, chromosomal or polygenic diseases, which have been chosen to illustrate the basics of these conditions, with well-defined teaching objectives for each, such as:

- Know the different modes of Mendelian heredity
- Heritability scoring in a disease with a genetic component
- The main genetic tests, their indications, and their ethical and legal framework
- Psychological and social care for patients with genetic diseases, and the differences between constitutional and somatic genetic alterations
- The notion of mosaicism and its implications.

Three tutorials based on clinical case studies will complement the courses to give you practice in reasoning and the basics of a sound diagnostic approach.

ECTS : 4

Course duration : 31 hours of CM + 9 hours of ED

Assessment : compulsory attendance to EDs + exam at the end of semester 1 (1h30, x3 DP or QI sub-tests (Semiology + Physio-Pharmacology + HAE Anat Radio)

The aim of the "Kidney and urinary tract" course in the DFGSM is to provide undergraduates with basic knowledge of semiology, anatomy, physiology, pharmacology, histology, anatomopathology and embryology, with a syndromic, physiological and pathophysiological approach.

This course is intended as a preparation for the nephro-urological module of the DFASM, which deals with etiological and therapeutic aspects. Aspects of therapeutic management are not covered in the DFGSM.

Teaching organization

Theoretical training is organized into 23 thematic face-to-face CM, supplemented by 6 tutorials, linked to the teaching of urological semiology, and five linked to the teaching of renal physiology. All CM will be accompanied by a written reference document.

The only purpose of the DEs is to explain and apply the theoretical knowledge presented in class, in the form of exercises or clinical cases, but they do not provide any additional pedagogical content. Students will benefit from dematerialized evaluation tests that will not be included in the final module grade, but will enable them to assess themselves.

Physiology EDs will be supplemented by training tests on the Moodle platform, and other complementary training offers may be proposed for each discipline (revision, tests, etc.).

Course :

ANATOMY

COURSES N°1 and 2 LOMBAL ROOM - SURRENALS - KIDNEYS - EXCRETIVE ROADS

HISTOLOGY EMBRYOLOGY

- COURSE N°1 DEVELOPMENT OF THE URINARY SYSTEM
- COURSE N°2 HISTOLOGY OF THE KIDNEYS AND URINARY TRACT

ANATOMOPATHOLOGY

- COURSE N°1 ANATOMOPATHOLOGICAL LESIONS OF THE KIDNEYS
- COURSE N°2 TUMORS OF THE KIDNEY, URINARY TRACT, PROSTATE AND TESTICLE

PHYSIOLOGY

COURSE N°1 GLOMERULAR FILTRATION
COURSE N°2 Na⁺ BALANCE
LESSON N°3 WATER BALANCE
LESSON N°4 HYDRO-ELECTROLYTIC DISORDERS
LESSON N°5 ACID-BASE BALANCE
COURSE N°6 POTASSIUM BALANCE
COURSE N°7 CALCIUM BALANCE
LESSON N°8 PHOSPHATE BALANCE

NEPHROLOGICAL SEMIOLOGY

COURSE N°1 HEMATURIA - PROTEINURIA NEPHROLOGICAL SYNDROMES
COURSE N°2 RENAL FAILURE AND CREATININE ELEVATION

UROLOGICAL SEMIOLOGY

- COURSE N°1 PAIN - HEMATURIA - SCROTAL CONTENT ANOMALIES
- LESSON N°2 DIAGNOSTIC ORIENTATION FOR VOIDING ABNORMALITIES

PHARMACOLOGY

- COURSE N°1 DIURETICS
- COURSE N°2 NEPHROTOXICITIS

RADIOLOGY

- COURSES N°1 and 2 RADIOLOGIE DU REIN ET DES VOIES URINAIRES

UE8a : Neuropsychiatry S1 (Physio Pharmaco, HAE Anat Radio)



ECTS : 4

Course duration : 36,5 hours of CM, 4 hours of ED

Assessment : compulsory attendance to EDs + exam at the end of semester 1 (2h, DP or QI sub-tests (Physio-Pharmacology + HAE Anat Radio))

This course provides all the knowledge needed to teach the neurological and psychiatric diseases taught in DFASM2 (Year 5). Semiology is covered in course UE8b during semester 2 of DFGSM3 (Year 3).

- Development and hysteriology of the central and peripheral nervous systems
- Anatomy and radio-anatomy of the central and peripheral nervous system
- Physiology of the nervous system
- Nervous system pharmacology (antiepileptics, antipsychotics, hypnotics, anxiolytics, drug dependence, etc.)

For more details and up-to-date informations on the teaching unit's curriculum, students need to connect on the Moodle.

ECTS : 3

Course duration : x5 half-day sessions

Assessment/ validation : attendance at sessions only (attendance sheet/logbook), validation by compulsory attendance at sessions

Period: October to December

Duration: 5 Wednesday mornings (October to December)

Schedule: 09h-12h

Training site: units of the medical-technical platform of hospitals (Radiology, Biochemistry, Hematology, Bacteriology, Virology, Parasitology, Anatomopathology, EFR, Pharmacy, etc.)

Objectives: "discovery and awareness" course

- 1 - Discover the discipline and the main tests performed
- 2 - Learn how to interpret some of these examinations, taking into account the conditions for correct interpretation and the quality criteria for the measurements taken (without going into the technical details of how the machines work).
- 3 - Analyze how these paraclinical examinations contribute to patient care.
- 4 - Gain a better understanding of the professions practiced in medical-technical departments, and the career paths that lead to them.

How to achieve the objectives:

- Supervision by AHU/MCU/PU-PH and/or PH (=teachers)
- Laboratory visits
- Clinico-biological simulation with practical work and interpretation of patient results

Organization:

The medico-technical internship is organized on a rotational basis in facilities offering non-clinical disciplines (Microbiology - Biochemistry - Genetics - Immunology - Hematology - EFS - Pharmacy - Radiology - Nuclear Medicine - Functional Explorations - Hormonology - Reproductive Biology - Pathological Anatomy, etc.). Students are divided into groups of 6-7. A questionnaire is used to make internship requests.

Assessment:

Validation of the training is only based on attendance.

At each session, the teacher responsible for the training sessions must sign and stamp the attendance sheet/logbook.

A copy of the completed, signed and stamped attendance sheet/logbook must be forwarded to the School Office and the International Relations Office for validation in session 1 by December at the latest.

Retake exams organized in June.

Semester 2

UE8b : Neuropsychiatry S2 (Semiology)



ECTS : 2

Course duration : 16,5 hours PBL

Assessment : exam in half-semester 2 (1 hour, x2 DP or QI sub-tests (Neurological semiology + Psychiatric semiology)

This course provides all the knowledge needed to teach the neurological and psychiatric diseases taught in DFASM2 (Year 5).

Physio Pharmacology and HAE Anat Radio is covered in course UE8a during semester 1 of DFASM3 (Year 3).

- Neurological semiology and the main syndromes (pyramidal, sensory, medullary, cerebellar), (e.g. peripheral neurogenic, extra-pyramidal, meningeal, dementia, cranial nerve symptomatology and intracranial hypertension and hypotension)
- Psychiatric symptomatology: normal examination, mood and emotion regulation, psychosis, eating disorders, reward system, functional disorders, social cognition

For more details and up-to-date informations on the teaching unit's curriculum, students need to connect on the Moodle.

ECTS : 4 **Course duration :** 15 hours of CM with two speakers (teacher-researcher in medicine and teacher-researcher in philosophy or social sciences)

Assessment: exam in half-semester 2 (1 hour, validation in a single block (isolated QROL-type questions))

The teaching contributes to the acquisition of the following skills (main objectives) :

1. Exercise reflection, questioning and critical thinking skills
2. Recognize a clinical, scientific, health or institutional situation that presents an ethical problem
3. Identify and define the ethical principles and values at stake (autonomy, vulnerability, beneficence, justice, distinction between care and treatment); know how to recognize, explain and question one's own values.
4. Understand and respect the point of view, needs and values of patients and those around them; know how to meet and support them; apply moral skills related to care: attention, responsibility, empathy, etc.; understand the psychological and social dimensions of illness and care situations; recognize stigmatization and discrimination in care.
5. Understanding and mastering clinical reasoning and medical decision-making
6. Know how to collaborate interprofessionally, develop a shared decision, implement a coordinated, individualized care plan
7. To position oneself as a responsible player in the healthcare system as it evolves. medicine and society.

Program :

1. How to talk to patients
2. Error and medical responsibility
3. Doctor-patient relations and shared decision-making in chronic illness
4. Accompaniment and care in chronic illness and disability
5. Prescribing at the heart of medical interactions
6. Touch in care
7. New faces of health democracy
8. Definitions and issues relating to autonomy
9. Justice and prioritization in health
10. Maltreatment/Bientraitance

ECTS : 3

Course duration : 20 hours of CM + 4,5 hours of ED

Assessment : compulsory attendance to EDs + exam in half-semester 2 (1h30, x3 QCM, QRU, QROC, Zoning sub-tests (Radio- anatomical anatomy + Semiology + Histology physio pharmacology))

The musculoskeletal system plays a crucial role in human function and interaction with the environment.

This teaching unit aims to provide students with a solid, integrated foundation of knowledge needed to understand and manage disorders of the musculoskeletal system, thus preparing them for their future clinical practice.

It is divided into 3 sub-units: "Anatomy and Radio-Anatomy", 'Semiology', and "Physiology, Histology, Pharmacology".

Teaching organization

Lectures will cover the essential theoretical aspects of each field. These sessions will be supplemented by compulsory tutorials (ED) covering semiology in smaller groups. A revision session will also be organized to prepare students for the final exam.

The assessment of this UE will comprise a 1h30 examination, made up of three sub-tests, each covering a sub UE. Questions may take the form of MCQs, RQs, ROCQs or zoning.

ECTS : 3

Course duration : 12 hours of CM + 4,5 hours of ED

Assessment : compulsory attendance to EDs + exam in half-semester 2 (1 hour, situation scenarios, validation in a single block QI and/or DP, QRM or QRU, end-of-session certificate issued to students (CESU))

The level 2 AFGSU certificate is awarded on completion of a training course enabling the learner to simply diagnose and perform non-invasive procedures to care for victims, while awaiting the arrival of professional help, whether inside or outside the hospital.

Since 2006, it has had to be obtained by healthcare professionals and students working in a medical facility. It was initially delivered by the emergency care teaching centers (CESU) affiliated to each departmental SAMU control center. The strong demand for training has led to this teaching option being extended to other structures, notably universities. For example, Université Paris Cité is now able to provide such training by delegation, although the training certificate must be co-signed by the departmental CESU, i.e. CESU75 for Université Paris Cité students.

At UP Cité, this training is provided by the heads of the Emergency Medicine, Anesthesia-Intensive Care and Medical Intensive Care departments of the Medical School. It takes place over one day, with groups of 12 students per clinical supervisor. They work on recognition and first aid in the event of haemorrhage, airway obstruction (false routes) in adults and children, unconscious persons, cardiac arrest, burns and wounds.

This teaching unit is also validated by an exam in 2 sessions (60 QRM or QRU type).

Associated with this very practical training is a series of theoretical courses focusing on the same items over a total of ten hours, which are subject to an examination in the form of 60 QRMs and QRUs.

There is a final assessment of the day for each student to validate one or two gestures to be performed. However, this training is not at all sanctioning, as validation is based on these gestures and therefore on attendance at the teaching. It is therefore formative, not summative. It is compulsory for French students prior to the EDN.

ECTS : 4

Course duration : 11,5 hours of CM + 13 hours of capsule videos + 20 hours of ED

Assessment : compulsory attendance to EDs + capsules videos training watching + exam at the end of semester 2 (2 hours, x3 QI and/or DP sub-tests (Bacteriology-hygiene + Virology + Parasito-mycology)

The Infectious Agents course covers four disciplines: bacteriology, virology, myco-parasitology and hygiene. The main teaching objective is to acquire essential knowledge of the microorganisms that can be responsible for clinical infections.

In addition to the specificities of each of these disciplines, and in view of their evolution, teaching also includes a syndromic approach combining knowledge of bacteriology, myco-parasitology and virology.

Teaching organization

This training is given in the form of CM, interactive ED and capsules illustrating a regularly updated Reference Manual.

ECTS : 3

Course duration : x1 CM of 12,5 hours + x7 ED

Assessment : compulsory attendance to EDs + exam at the end of semester 2 (1 hour, validation in a single block QI and/or DP)

Important : due to its transversality with other DFGSM2 (Year 2) and DFGSM3 (Year 3) courses, it may be difficult to match this course with the program of foreign universities !

Cross-disciplinary and complementary teaching of the "Cellular and Tissue Biopathology (BCT) Anatomopathology and Cell Biology" UE (UE2, S1, DFGSM2) + "Oncology" UE (UE3, S1, DFGSM3) !

The knowledge acquired in histology and pathological anatomy gives students a better understanding of the semiology of diseases already covered in other courses and which will be developed further in the 2nd cycle of the medical training.

Teaching organization

Teaching is organized around anatomical and clinical cases, with instruction on virtual slides of healthy tissue (histology) and pathological tissue (anatomy and pathological cytology).

ED are mandatory:

- 1 ED (1h30) in histology
- 6 ED in anatomy and pathological cytology

ECTS : 2

Course duration : equivalent to 28 hours (e-learning) and x2 CM

Assessment : exam at the end of semester 1 (1h, validation in a single block of QI and/or DP)

Course details :

- Health data and regulations
- Cybersecurity
- Healthcare communication
- Digital media and services
- Telehealth

Immersion training : semiology training



ECTS : 3

Course duration : x2 training sessions of 7 to 8 weeks, half-day (i.e. x5 half-days per week, every morning from Monday to Friday) + 1 ECOS

Assessment: compulsory attendance to the training sessions + ECOS + signed student placement logbook (average of the 3 grades (training 1 grade, training 2 grade, ECOS grade))

Immersion training : semiology training are pre-externship trainings, in the form of two 7 to 8-week trainings every morning.

Period: end of January to end of May (2 trainings of 7 to 8 weeks)

Duration: 4 months in 2 periods of 2 months, 5 mornings per week including 1 morning supervised by a senior teacher (the immersion course is suspended during spring break)

Hours: Based on 3h30 per half-day (9 a.m.-12:30 p.m.). These times must absolutely allow students to attend classes at 1:30 p.m. on the Bichat site.

Field: 2 medical or surgical hospital services during the semester. The student submits a hospital preference via a web questionnaire (no choice of department). If one of the placements is in pediatrics, anesthesia/intensive care or surgery, the other will automatically be in adult medicine. Alternatively, 2 internships in adult medicine may be allocated.

General objective:

- consolidate the questioning and physical examination
- write medical observations
- make a synthesis of semiological problems
- reinforce the bases of semiology learned in DFGSM2 (2nd year) and link them to diagnosis
- initiate awareness of external global skills
- integration into a medical team.

The trainings are different each time. Students are tutored by a clinical supervisor (CCA), in groups of 2 to 4.

Assessment:

- Mandatory presence
- Score out of 20 for each of the two courses by the CCA (investment +++, quality of observations, reasoning)
- ECOS facultaire in April, marked out of 20, taken at the internship location
- A minimum of 10/20 is required for the average of the 3 marks.
- A copy of the completed, signed and stamped training logbook must be sent to the Study Affairs service no later than the first day of the S2 exams for validation in session 1.

Choice of internship:

- students receive an online survey (Limesurvey) by email around November 15 where they can make their choice of hospitals (no services!)
 - at least one of the trainings will be in choice 1 or choice 2
 - if surgery, pediatrics, anesthesia/reanimation in 1st training (medicine in 2nd training)
- The distribution of trainings is then known to students around December 15.
Please note: students must therefore be vigilant about the emails they receive!

Educational materials available:

- teaching reference available on Moodle
- internship notebook with objectives
- semiology course in each module
- online semiology videos
- encouragement to train in ultrasound during internships (monitoring patients in radiology)

Physician-patient workshops



Course duration : 2 workshops (1 of 2 hours, 1 of a half-day)

Assessment: validation by attendance to the 2 workshops

Teaching takes place in the form of simulation workshops intended to acquire basic communication tools to structure an interview and build an empathetic relationship with the patient.

This module focuses on the patient-doctor relationship, between empathy and benevolence. The aim is to learn how to structure an interview and build a relationship.

Workshops distribution

- **First contact workshops:**

Simulation workshops lasting 2 hours in small groups (4 students) around 2 clinical situations. All workshops take place on a period of two weeks in January/February, on the iLumens platforms (St Germain or Pajol campus).

- **Role-playing workshops:**

Half-day simulation workshops in groups of 12-14 students around 3 clinical scenarios, led by CCAs and expert patients under the supervision of a coordinating teacher. All the workshops will take place in February 2026 over a period of two weeks, on the iLumens platforms (St Germain campus).

Organization of the theoretical training

In DFASM1, the academic year is divided in terms/trimesters. The theoretical learning is composed of 3 types of teaching :

- Courses/modules (UE) grouped into 3 term-based Poles
- Annualized Out of Pole courses*
- One compulsory free to pick course (UEL): “Modules Obligatoires d’Approfondissement” (MOA*), UEL or student commitment module.

Poles return every term.

International students are allowed to select the course of their choice from any DFASM1 pole to complete their learning agreement (LA). There is no obligation to select an entire pole.

***Out of Pole courses (UE Hors Pôle) :** Most of the exams regarding Out of Poles modules (no compulsory modules) take place in June. Therefore, we advice the students coming for a semester only to be careful when designing their Learning Agreement.

***MOA :** MOA are not open for international students.

Examinations : faculty examinations are composed of two sessions. The first session is divided into three terms. Each student is assessed in the course in which he or she is enrolled for the corresponding term. 11 is the minimum passing grade. If a student does not get the passing grade, he will have to resit the exam at the official make-up exams period in late June-July and only at this period.

Organization of the practical training

For international students, practical training (clinical placements) during their study mobility is compulsory and must be included in their Learning Agreement. Students can choose from a list of clinical placements provided by the International Relations Office.

Clinical placements last between 10 to 12 weeks, equivalent to an entire term. International students are placed in a Parisian hospital and clinical ward in one specialty with other French and international students. They have the status of “externe”. For Erasmus students, the validation of each 10 to 12 weeks clinical placement results in obtaining 8 ECTS for a total of 24 ECTS for one academic year.

For each 10 to 12 weeks clinical placement completed, an overall clinical placement score out of 50 is given and composed of:

- a “clinical placement grade” out of 30
- a “additional clinical placement exam” score out of 20

Obtaining the average for this overall mark will validate the corresponding 8 ECTS.

■ Organization of the **DFASM1** Poles with rotation every term :

POLE 1	
UE by term	ECTS
UE Cardiology	2
UE Pneumology	2
UE Nephrology, Urology	2
UE Infectious diseases	2
LCA of Pole 1	

POLE 2	
UE by term	ECTS
UE Endocrinology-Nutrition	2
UE Hepato-Gastro-Enterology	2
UE Oncology	2
UE Hematology	2
LCA of Pole 2	

POLE 3	
UE by term	ECTS
UE Dermatology	2
UE Genetics	2
UE Musculoskeletal system	2
UE Disability	2
LCA of Pole 3	

OUT OF POLE courses for DFASM1	
Yearly UE	ECTS
UE Crossing LCA (Articles Critical Reading)	3
UE Society / Humanities	1
UE Deontology	
UE Digital Health : clinical practice	1
UE Imaging / Radiology	1

Exams in Term 3 for these 4 Out of Pole courses (courses may occur in other terms!).

POLE 1

POLE 1	
UE by term	ECTS
UE Cardiology	2
UE Pneumology	2
UE Nephrology, Urology	2
UE Infectious diseases	2
LCA of Pole 1	

UE Cardiology



ECTS : 2

Course duration : x7 interactive seminars (20 hours) + x1 e-learning session

Final exam : 30-question sub-test, including at least 10 A-rank questions, QI and/or DP type of 2 or 8 questions.

This course meets all the cardiology objectives for the DFASM.

Objectives :

- Review of the main semiological and physiological concepts useful in understanding and managing cardiovascular disease.
- Basics and practical application of ECG interpretation
- Basics of the main cardiovascular explorations (during a joint seminar with radiology)
- Basics and prescription of anti-thrombotic treatments

- Mastery of the main cardiovascular pathologies
- Risk factors, dyslipidemia, cardiovascular prevention
- Hypertension in adults
- Acute and chronic coronary syndromes
- Atrial fibrillation and other arrhythmias
- Conductive disorders
- Heart failure
- Valvulopathies
- Endocarditis (in common with course (UE) "Infectious Diseases")
- Pericarditis
- Aortic aneurysm, obliterative arteriopathy

UE Pneumology



ECTS : 2

Course duration : interactive seminars (24 hours) + video capsules (18 capsules for 6 hours)

Final exam : 30-question sub-test, including at least 15 A-rank questions, IQ type 15 to 17 and 2 RFPs of 5 to 7 questions and a KFP

This course meets all the cardiology objectives for the DFASM.

Objectives :

- Review of the main concepts of semiology and physiology useful in understanding and managing respiratory diseases.
- Basics and practical application of thoracic imaging interpretation
- Basics and practical application of respiratory function test interpretation
- Mastery of the main respiratory pathologies
- Chronic respiratory insufficiency
- Bronchial diseases: asthma, COPD, bronchial dilatations
- Allergies
- Interstitial diseases, respiratory disorders in sarcoidosis and connectivities
- Sleep-disordered breathing
- Thoracic oncology
- Pleura: pneumothorax, pleurisy
- Thromboembolic venous disease
- Infectiology : lower respiratory infections, tuberculosis
- Smoking
- Professional aspects

UE Nephrology-Urology



ECTS : 2

Final exam: sub-test of 30 questions, at least 10 of which are grade A, QI and/or DP type of 2 or 8 questions..

This course provides all the knowledge needed to teach Urology and Nephrology.

Objectives:

Nephrology:

- Management of the main hydroelectrolytic disorders (natremia, kalemia, acid/base)
- Management of acute renal failure and chronic kidney disease
- Chronic interstitial nephropathy and polycystic kidney disease
- Main glomerular nephropathies and nephrotic syndromes
- Medical and surgical aspects of urinary lithiasis

Urology:

- Male contraception
- Couple infertility: conducting the first consultation
- Pelvic pain in women: bladder pain syndrome
- Pelvic tumefaction in women
- Genitoscrotal pathology in boys and men
- Normal sexuality and its disorders
- Andropause (age-related testosterone deficiency syndrome)
- Urination disorders and urinary incontinence in adults and the elderly
- Erectile dysfunction
- Benign prostatic hyperplasia
- Urinary tract infections in adults and children
- Organ transplantation
- Hematuria
- Urinary lithiasis
- Acute back pain
- Prostate tumors
- Kidney tumors in adults
- Testicular tumors
- Bladder tumors
- Acute retention of urine
- Acute renal failure - Anuria

ECTS : 2

Final exam : 30-question sub-test, including at least 10 A-rank question, QI and/or DP type of 2 or 8 questions.

The aim of this course is to give DFASM1 (Year 4) students the keys to reasoning in the field of infectious diseases, through clinical, microbiological, radiological and therapeutic knowledge and skills. A cross-disciplinary field by its very nature, the teaching of Infectious Diseases has been developed in conjunction with the 1st cycle (Microbiology, Hospital Hygiene, Pharmacology) and with other related 2nd cycle disciplines (Pneumology, ORL, Urology, etc.).

The major challenge of this teaching is that all doctors will be confronted with infectious diseases in their future practice, whatever their professional orientation.

Objectives :

- Prioritize a diagnostic approach (clinical, biological, radiological) for a febrile patient, depending on the patient's condition and comorbidities.
- Assess the severity and urgency of a suspected infection
- Know the main bacterial, viral, parasitic and fungal pathogens affecting humans
- Understand and apply the main microbiological diagnostic tools
- Know and apply the therapeutic principles of the most serious and frequent infectious diseases

POLE 2

POLE 2	
UE by term	ECTS
UE Endocrinology-Nutrition	2
UE Hepato-Gastro-Enterology	2
UE Oncology	2
UE Hematology	2
LCA of Pole 2	

ECTS : 2

Final exam : 30-question sub-test, including at least 10 A-rank questions, QI and/or DP type of 2 or 8 questions.

This course covers the knowledge required in Endocrinology, Diabetology and Nutrition as part of the knowledge required at the end of the 2nd cycle (rank A and B knowledge).

Objectives :

- Pathophysiology and definitions of the main types of diabetes
- Acute and chronic complications of diabetes and principles of management
- Principles of type 1 and type 2 diabetes management and pharmacological classes
- Physiopathology and principles of management of obesity and its complications
- Screening and management principles for undernutrition
- Nutritional requirements in various physiological situations (sport, pregnancy, the elderly)
- Principles of functioning and regulation of endocrine hormone secretion
- Identification of the main hormonal secretion anomalies (pituitary, adrenal, thyroid and parathyroid)

ECTS : 2

Final exam : sub-test of 30 questions, at least 10 of which are grade A, QI and/or DP type of 2 or 8 questions.

This course covers all the fundamental knowledge of digestive pathologies taught in DFASM1.

Objectives :

- Diagnosis and therapeutic management of viral hepatitis
- Diagnostic approach to iron pathology
- Diagnostic approach to dysphagia, vomiting, acute or chronic abdominal pain, digestive hemorrhage, hepatomegaly, jaundice, ascites, diarrhea
- Diagnosis and management of the main digestive pathologies: gastro-oesophageal reflux disease, peptic ulcer disease, biliary lithiasis, cirrhosis, acute and chronic pancreatitis, chronic inflammatory bowel disease, constipation, irritable bowel syndrome, colonic diverticulosis, haemorrhoidal pathology.
- Diagnosis and management of tumors of the esophagus, stomach, liver, pancreas, colon and rectum

ECTS : 2

Final exam : 30-question sub-test, including at least 10 A-rank questions, QI and/or DP type of 2 or 8 questions.

This course will provide DFASM1 students with an understanding of the biological mechanisms of cancer development, cancer prevention, screening and diagnosis strategies, and therapeutic strategies used at different stages of the disease in the main cancer sites (breast, prostate, lung, colon/rectum).

Objectives :

- Carcinogenesis / Oncogenetics
- Cancer epidemiology
- Risk factors, prevention, cancer screening
- Cancer diagnosis: warning signs and para-clinical investigations; stage characterization; prognosis
- Principles of different therapeutic approaches in oncology
- Therapeutic management strategies for the most common localized and metastatic cancers
- Therapeutic complications / Therapeutic emergencies
- Personalized care pathway / Supportive care

ECTS : 2

Final exam : 30-question sub-test, including at least 10 A-rank questions, QI and/or DP type of 2 or 8 questions.

This course provides the 2nd cycle hematology knowledge needed to prepare for the national dematerialized tests (EDN).

Objectives :

- Understand the principles of hematopoiesis regulation, particularly erythropoiesis, and the physiology of hemostasis and coagulation,
- Know how to diagnose the main blood count abnormalities in adults and children, and how to make the main etiological diagnoses,
- How to manage deficiency anemia,
- Know how to diagnose a hemorrhagic syndrome of hematological origin,
- Know the characteristics of labile blood products and their specificity,
- Know the factors that promote the main hematological malignancies,

- Know the symptoms and biological abnormalities that suggest the diagnosis of the main hematological malignancies (chronic lymphocytic leukemia, multiple myeloma, lymphomas, myeloproliferative and myelodysplastic syndromes, acute leukemias),
- Diagnosis of the main hematological malignancies (chronic lymphocytic leukemia, multiple myeloma, lymphomas, myeloproliferative and myelodysplastic syndromes, acute leukemia),
- Diagnosis of mononucleosis syndrome, adenopathy and splenomegaly.

POLE 3

POLE 3	
UE by term	ECTS
UE Dermatology	2
UE Genetics	2
UE Musculoskeletal system	2
UE Disability	2
LCA of Pole 3	

UE Dermatology



ECTS : 2

Final exam : 30-question sub-test, including at least 10 A-rank questions, QI and/or DP type of 2 or 8 questions.

This course provides all the knowledge required for the dermatology program in the second cycle of medical studies.

Objectives :

- The dermatology UE is organized into 4 interactive 3-hour seminars, focusing on inflammatory, infectious and tumoral dermatoses, and on diagnostic situations involving symptoms such as Raynaud's phenomenon, purpura, exanthema and erythroderma in children and adults, as well as hemangiomas and vascular malformations. A 1-hour review session completes the program.
- The aim of this course is to guide DFASM1 students in the semiological, diagnostic and exploratory approach to common dermatoses, and to briefly present the principles of treatment, which will not be studied in detail.

UE Geriatrics



ECTS : 2

Course duration : e-learning + 5 x 3h seminars + 1 conference per quarter + 1 winter and 1 summer conference per year.

Final exam : attendance at EDs not compulsory + sub-test of 30 questions with at least 10 of which are grade A, QI and/or DP type of 2 or 8 questions.

This course, aimed at DFASM1 (Year 4) students, covers all aspects of the new geriatrics program, in line with the reform of the second cycle of Medical Studies, with a view to EDN.

The e-learning covers all the questions in the program (with the exception of those already taught in parallel by organ specialties, e.g. osteoarthritis) and covers all the rank A and rank B items to be learned. It will be supplemented by five guided teaching sessions, each lasting three hours, covering the most important points in the program, in the form of interactively corrected questions and answers, grouped by theme.

Objectives :

- Understand the physiological changes associated with normal and pathological aging
- Know the major geriatric syndromes: neurocognitive disorders, confusion, depression, malnutrition, gait disorders and falls
- Understand the concepts of polypathology and polymedication and their implications for clinical practice
- Knowing the specificities of caring for the sick elderly: personalized benefit/risk balance, iatrogenicity, multidisciplinary management
- Understanding the ethical issues underlying therapeutic decisions concerning elderly patients

UE Locomotor system



ECTS : 2

Final exam : 30-question sub-test, including at least 15 A-rank questions, QI and/or DP type of 2 to 8 questions.

This course provides all the knowledge needed to learn rheumatology and orthopedic surgery in accordance with the DFASM program and the 2 specialties' EDN standards..

Objectives :

- Defining the main diseases of the musculoskeletal system
- Clinical and radiological signs of musculoskeletal diseases
- Understand the diagnostic process and the role of various complementary biological and radiographic examinations
- Recognize the main emergency situations
- Understand the role of medical and non-medical treatments and surgery in the management of musculoskeletal diseases.
- Know the main methods of monitoring diseases and treatments

UE Disability



ECTS : 2

Final exam : 30-question sub-test, including at least 10 A-rank questions, QI and/or DP type of 2 or 8 questions.

This course provides all the knowledge required to assess and implement the re-education and rehabilitation resources needed to provide multidisciplinary support for people with disabilities, in accordance with the DFASM program and the Physical and Rehabilitation Medicine reference framework.

Objectives :

- Knowing the definition and conceptual framework of functioning and disability according to the WHO and French legislation
- Know how to prescribe and assess the effectiveness and tolerance of the main re- education and rehabilitation techniques depending on the disability situation.
- Assessing and supporting adults with neurological disabilities
- Assessing and supporting adults with orthopaedic disabilities
- Assessing and supporting children with disabilities

OUT OF POLE Courses for DFASM1

OUT OF POLE courses for DFASM1	
Yearly UE	ECTS
UE Crossing LCA (Articles Critical Reading)	3
UE Society / Humanities	1
UE Deontology	1
UE Digital Health : clinical practice	1
UE Imaging / Radiology	1

Final exams in Term 3 only !!

Out of Pole course : Crossing LCA (Articles Critical Reading)



ECTS : 3

Duration : 15 hours of CM

Assessment: 3 crossing LCA of Poles (1/2/3) exams + 1h30 final exam in Term 3 (1DP).

Topics approached:

- Introduction + clinical trials 1
- Clinical Trials 2
- Diagnostic studies
- Case-control studies
- Cohorts
- Systematic reviews & Meta-analyses
- Prognostic studies

Out of Pole courses : Society / humanities • Deontology



ECTS : 1

Final exam : in Term 3 only, 2h30 hours exam common to other Out of Pole Teaching Units (Digital Health, Ethics, Society/Humanities, Imaging/Radiology), x35 QI and/or DP questions for Society / Humanities ; 2h30, x20 QI and/or DP questions for Deontology

Important : the Out of Pole course "Society / Humanities" and the Out of Pole course "Deontology" are merged. They cannot be dissociated. If a student selects one of these two Out of Pole courses, they must take the exam and validate both to credit 3 ECTS.

SOCIETY / HUMANITIES :

Face-to-face teaching covering the following topics :

Body:

- Bodies and philosophy: medicine between body-object and body-subject; the sick body, a test of identity; Bodies that count unequally
- Bodies and techniques in medicine: reconfiguration of medical practices; rise of clinical medicine; medical imaging: a new look at the body; quantification and pathologization
- The body, medicine and data: medical data: historical representation; objectification in medicine; the advent of statistics in medicine; long-standing and close links between data and medical progress; biomedical data; production of medical data in the context of care; the need to computerize data; Big Data in health and the protection of individuals; IT tools for Big Data in health.

Discrimination and health:

- Combining ethics of care and clinical effectiveness
- Several factors of discrimination: stigmatization and guilt
- Deontology
- Social determinants of patient trajectory and care
- Categorizations, differentiated mobilizations, discrimination in the emergency department: health status as a criterion for discrimination, the healthcare system as a source of discrimination, discrimination with a negative effect on health status

Knowledge and vaccine controversies:

- Current situation, historical perspectives, sociological elements and recent developments
- Scientific realities, controversial "truths".
- Elements of crisis communication: divergent messages, role of political action, publicity around pharmacovigilance, new epidemiological tools

Vaccine efficacy, tolerance and controversy.

DEONTOLOGY :

Course duration : single 3-hour seminar

To make students aware of the problem of relationships with industry. A large part of the presentation is devoted to explaining what a financial conflict of interest is, and its consequences for scientific integrity, public health and healthcare spending. Solutions to prevent and remedy conflicts of interest are also detailed. The charter of ethics and deontology issued by the Deans is extensively commented on, in particular the aspects relating to relations with industry and the ban on its representatives meeting students on university and hospital premises and providing them with benefits.

Out of Pole course : Digital health : clinical practice



ECTS : 1

Course duration : face-to-face, CM (seminars of 3 to 4 hours each)

Final exam : in class, in Term 3 only, 2h30 hours exam common to other Out of Pole Teaching Units (Digital Health, Ethics, Society/Humanities, Imaging/Radiology), x20 QI and/or DP questions

The aim is to acquire digital health skills useful for clinical practice. Several topics will be covered, including: information systems architecture; artificial intelligence techniques; technical, legal and ethical issues related to health data; knowledge sources and social media; decision support systems; mobile health and digital self-measurement; telemedicine and telehealth.

Each concept will be taught from both a theoretical and practical angle, so as to prepare students for their future practice, and for the new R2C assessment methods (e.g. ECOS). Students interested in this module will be able to deepen their knowledge via two optional ECOs taught in DFASM entitled "AI for clinical decision support" and "3P medicine".

Out of Pole course : Imaging / Radiology



ECTS : 1

Final exam : in class, in Term 3 only, 2h30 hours exam common to other Out of Pole Teaching Units (Digital Health, Ethics, Society/Humanities, Imaging/Radiology), x25 QI and/or DP questions

The objectives of imaging teaching in DFASM1 and DFASM2 are to prepare students for the "EDN" and their future professional life as physicians.

Imaging teaching covers 540 A and B items. Given the large number of items, this teaching has been spread over 2 years (DFASM1 and DFASM2).

The most important items in the program are taught in compulsory units (UEL), while the optional imaging units (MOA) consist solely of practice for EDN-type questions.

For example, in DFASM1, the compulsory UE program covering A-rank items includes :

- cardiovascular imaging (1h30)
- urological imaging (1h30)
- thoracic imaging (4h30)
- abdominal imaging (3h)
- osteoarticular imaging (4h30)

Teaching is interactive, based on clinical cases presented and discussed with students in face-to-face amphitheaters.

All compulsory and optional subjects are examined at the end of the year.

Organization of theoretical training

In DFASM2, the academic year is divided in terms/trimesters. The theoretical learning is composed of 4 types of teaching :

- Courses/modules (UE) grouped into 3 term-based Poles
- A compulsory cross-disciplinary course in articles critical reading (LCA)
- 4 annual cross-disciplinary courses (UE) not grouped in Poles (Out of Poles courses*)
- Compulsory free to pick courses (UEL) and/or compulsory “Modules Obligatoires d’Approfondissement” (MOA*)

The theoretical learning can be on-site or online learning (CM, tutorials, Q&A workshops, etc.), e-learning or training on the simulation platform.

Poles return every term.

International students are allowed to select the course of their choice from any DFASM2 pole to complete their Learning Agreement (LA). There is no obligation to select an entire pole.

***Out of Pole courses :** Most of the exams regarding Out of Poles modules (no compulsory modules) take place in June. Therefore, we advice the students coming for a semester only to be careful when designing their learning agreement.

***MOA :** MOA are not open for international students.

Examinations : faculty examinations are composed of two sessions. The first session is divided into three terms. Each student is assessed in the course in which he or she is enrolled for the corresponding term. 11 is the minimum passing grade. If a student does not get the passing grade, he will have to resit the exam at the official make-up exams period in late June-July and only at this period.

Organization of practical training

For international students, practical training (clinical placements) during their study mobility is compulsory and must be included in their learning agreement. Students can choose from a list of clinical placements provided by the International Relations Office.

Clinical placements last between 10 to 12 weeks, equivalent to an entire term. International students are placed in a Parisian hospital and clinical ward in one specialty with other French and international students. They have the status of “externe”. For Erasmus students, the validation of each 10 to 12 weeks clinical placement results in obtaining 8 ECTS for a total of 24 ECTS for one academic year.

For each 10 to 12 weeks clinical placement completed, an overall clinical placement score out of 50 is given and composed of:

- a “clinical placement grade” out of 30
- a “additional clinical placement exam” score out of 20

Obtaining the average for this overall mark will validate the corresponding 8 ECTS.

- Organization of the **DFASM2** Poles with rotation every term :

POLE 4	
UE by term	ECTS
UE Pediatrics	3
UE Gynecology (conception)	3
UE Immuno-inflammation	3

LCA of Pole 4

POLE 5	
UE by term	ECTS
UE Neurology	3
UE Psychiatry and child psychiatry	3
UE CMF-Ophtalmology-ORL	3

LCA of Pole 5

POLE 6	
UE by term	ECTS
UE Emergency-Intensive care	3
UE Therapeutic	3
UE Palliative care / Pain / Anesthesia / Accompaniment	3
LCA of Pole 6	

OUT OF POLE courses for DFASM2	
Yearly UE	ECTS
UE Forensic Medicine	1
UE Occupational medicine	1
UE Public Health	1
UE Imaging / Radiology	1
UE Crossing LCA (Articles Critical Reading)	2

Exams in Term 1 (Forensic Medicine, Occupational medicine, Public Health)
Exams in Term 3 (Imaging / Radiology)

POLE 4

POLE 4	
UE by term	ECTS
UE Pediatrics	3
UE Gynecology (conception)	3
UE Immuno-inflammation	3
LCA of Pole 4	

UE Pediatrics



ECTS : 3

Final exam : face-to-face, sub-tests 40 questions including at least 15 A-rank questions, QI and/or DP or KFP type of 2 or 8 questions

This course involves 35 hours of pediatric training for students in the 2nd cycle of medical studies, in the 5th year of medicine (DFASM2). The courses integrate several teaching methods: course reminders and "lecture" didactic explanations, short clinical cases with questions in accordance with the docimology of the national ranking exam, interactivity with the possibility of answering questions by online voting thanks to the Wooclap software.

This program was designed to cover the main items of the French EDN program, so that students learn the specificities of pediatric history, clinical examination, diagnostic reasoning and therapeutic management modalities.

Teaching	Teaching details	Duration
Visceral surgery	- Abdominal pain, appendicitis, peritonitis, intussusception	1h30
Endocrinology	- Normal and pathological growth, puberty	1h
	- Diabetes and hypoglycemia	1h
Gastroenterology	- GERD, infant vomiting and occlusive syndrome, rheumatoid purpura	1h
	- Low weight, chronic diarrhea, obesity	1h
Hematology	- Anemia, Thrombocytopenic purpura, Immune deficiency	1h30
Infectiology	- Vaccination, infant fever, urinary tract infection	1h
	- Lower respiratory infectious, whooping cough, tuberculosis	1h
	- Bacteria diarrhea, Travel fever	1h
	- Upper respiratory and ENT infections	1h
	- Febrile exanthema	1h
	- Meningitis	1h
Neonatology	- Full-term newborn, fetal risks, jaundice, breastfeeding	2h
Neurology	- Normal psychomotor development and warning signs	1h
	- Convulsions in infants and children, Epilepsy West and absence	1h30
	- Proteinuria and nephrotic syndrome in children, acute renal failure, kidney disease	1h30
Oncology	- Pediatric oncology, pain	1h30
Orthopedics/screening (LCH, scoliosis), lameness, fractures, head trauma		1h30
General Pediatrics	- Infant feeding, Infant and child care	1h
	- Illness, unexpected infant death, maltreatment	1h
Respiratory	- Bronchiolitis (myocarditis / breathlessness), acute dyspnea, « low » acute respiratory distress, p.	1h
	- Acute and chronic asthma	2h
Reanimation	- Heart attack and shock (TSV)	1h
	- Acute upper and lower respiratory distress, neurological distress, febrile purpura	1h
Emergencies	- Acute diarrhea, deshydration	1h
End of Pole : PEDIATRICS CONFERENCE		4h
Total duration of « Pediatrics » courses		35h

UE Gynecology (Conception)



ECTS : 3

Final exam : face-to-face, sub-tests 40 questions including at least 15 A-rank questions, QI and/or DP or KFP type of 2 or 8 questions

Teaching	Duration
Normal pregnancy, normal childbirth, breastfeeding, post-natal care	4h
Pregnancy complications, DI abdo pregnancy, prema, IUGR, GD, Preeclampsia	3h
Fetal risks, urinary tract infections, occupational risks, nutritional requirements	4h
Cycle abnormalities, contraception, amenorrhea, menopause	3h
EP, genital hemorrhage, pelvic swelling, STIs	3h
IVG, Infertility, MPA, Pelvic pain, endometriosis	4h
K cervix and uterus, K ovary, K breast	3h
End of Pole : CONCEPTION CONFERENCE	4h
Total duration of « Conception » courses	28h

ECTS : 3

Final exam : face-to-face, sub-tests 40 questions including at least 15 A-rank questions, QI and/or DP or KFP type of 2 or 8 questions

Teaching	Duration
Inflammatory reactions	1h
Prolonged unexplained fever	1h30
Hypersensitivity and allergies	1h30
Immune deficiencies	1h30
Systemic vasculitides	1h30
GCA, Rhizomelic pseudopolyarthritis, Takayasu	1h30
Autoimmune diseases	1h
Lupus and SAPL	2h
Sarcoidosis	1h
Eosinophilia	1h
Autoimmune cytopenias	1h
Amyloidosis	1h30
MGUS	1h
End of Pole : IMMUNO-INFLAMMATION CONFERENCE	4h
Total duration of « Immuno-inflammation » courses	22h30

POLE 5

POLE 5	
UE by term	ECTS
UE Neurology	3
UE Psychiatry and child psychiatry	3
UE CMF-Ophthalmology-ORL	3

LCA of Pole 5

ECTS : 3

Final exam : face-to-face, sub-tests 40 questions including at least 15 A-rank questions, QI and/or DP or KFP type of 2 or 8 question

Teaching	Duration
Entry conference – Clinical reasoning	3h
Central nervous system	3h
Stroke	4h
Neurodegenerative pathology	3h
Neurology, neurosurgery, neuroradiology	3h
Peripheral nervous system	3h
Exit conference – Review of Rank A and B items	3h
End of Pole : NEUROLOGY CONFERENCE	4h
Total duration of « Neurology » courses	25h

ECTS : 3

Final exam : face-to-face, sub-tests 40 questions, at least 15 of which are rank A, QI and/or DP or KFP type of 2 or 8 questions.

Objectives :

- Diagnose a developmental (somatic), psychomotor, intellectual and emotional abnormality. Identify relational dysfunctions and learning disorders early. Argue the therapeutic attitude and plan follow-up in common situations.
- Identify pervasive developmental disorders and know the principles of treatment. Diagnose an autistic syndrome (from early childhood to early adulthood), argue the therapeutic attitude and plan follow-up at all stages of the illness.
- Diagnose eating disorders in adolescents and adults. Arguing the therapeutic attitude and planning the follow-up of eating disorders. Know the main metabolic abnormalities associated with these disorders and their acute management.
- Explain the behavioral and psychosocial characteristics of the normal adolescent. Identify behavioral disorders in adolescents and know the principles of prevention and treatment. Detect suicidal risk situations in children and adolescents. Argue the principles of prevention and treatment.
- Diagnose a depressive disorder in children and adolescents. Argue the therapeutic attitude and plan follow-up.
- Diagnose generalized anxiety disorder, panic disorder and panic attack, phobic disorder, obsessive compulsive disorder, post-traumatic stress disorder, adjustment disorder, sleep disorder in children and adults. teenager. Argue the therapeutic attitude and plan follow-up for each of these disorders.
- Diagnose generalized anxiety disorder, panic disorder and panic attack, phobic disorder, obsessive compulsive disorder, post-traumatic stress disorder, adjustment disorder, personality disorder. Argue the therapeutic attitude and plan follow-up for each of these disorders. Prescribe and monitor anxiolytic treatment.
- Diagnose sleep disorders in infants, children and adults. Argue the therapeutic attitude and plan the patient's follow-up. Prescribe and monitor hypnotic treatment.
- Diagnose a somatoform disorder. Argue the therapeutic attitude and plan the patient's follow-up.
- Diagnose schizophrenic disorder and persistent delusional disorder. Argue the therapeutic attitude and plan follow-up at all stages of the disease. Diagnose agitation and acute delirium. Identify the emergency characteristics of the situation and plan their pre-hospital and hospital management (dosages). Prescribe and monitor antipsychotic treatment.
- Diagnose a depressive disorder. Argue the therapeutic attitude and plan follow-up. Distinguish normal mourning from pathological mourning and argue the principles of prevention and support. Prescribe and monitor antidepressant treatment.
- Detect suicidal risk situations in adults. Argue the principles of prevention and treatment.
- Diagnose bipolar disorder. Argue the therapeutic attitude and plan follow-up at all stages of the disease. Prescribe and monitor mood-regulating treatment.
- Screen for risk factors predisposing to a psychological disorder during pregnancy or postpartum. Recognize the early signs of a psychological disorder in the antenatal and postnatal period. Argue the principles of multidisciplinary care (social, psychiatric, family).
- Diagnose the main psychological disorders in the elderly, taking into account epidemiological particularities. Argue the specific therapeutic attitude and plan the specific monitoring of the main psychological disorders of the elderly subject.
- Identify the main sexual disorders and detect an organic condition in the presence of a sexual disorder. Know how to approach the question of sexuality during a consultation.
- Know the main types of behavioral addictions and the principles of their treatment.
- Identify, diagnose, evaluate the impact of an addiction to psychotropic drugs, cannabis, amphetamines, opiates, synthetic drugs. Know the general principles of care. Know the methods for preventing drug dependence on benzodiazepines and related drugs. Indications and principles of therapeutic withdrawal.
- Identify, diagnose, evaluate the impact of tobacco addiction. Know the treatments for tobacco dependence, the principles Indications and principles of therapeutic withdrawal. Know the methods for preventing drug dependence on benzodiazepines and related drugs. Indications and principles of therapeutic withdrawal.
- Identify, diagnose, evaluate the impact of tobacco addiction.

Teaching	Duration
Infant and child psychic development and neurological disorders	1h
Pervasive developmental disorders	1h
Eating disorders in adolescents and adults	1h
Behavioral disorders, Suicidal behavior adolescents	1h
Depressive disorders in children	1h
Adjustment disorder, Anxiety disorder, Sleep disorder in children	1h
Anxiety disorder, Adjustment disorder, Obsessive-Compulsive disorder	1h
Sleep disorders	1h
Somatoform disorders	1h
Schizophrenic disorder, Chronic persistent delirium, Agitation and delirium	2h
Depressive disorder, Bereavement	1h
Suicidal risk and behavior	1h
Bipolar disorder	1h30
Pregnancy and postpartum psychic disorders	1h
Mental disorders in the elderly	1h
Normal sexuality and its disorders	1h
Behavioral addiction	1h
Addiction to psychotropic drugs and illicit substances	1h
Tobacco addiction	1h
Alcohol addiction	1h
End of Pole : PSYCHIATRY CONFERENCE	4h
<i>Total duration of « Psychiatry and child psychiatry » courses</i>	26h30

UE Maxillofacial surgery, Ophtalmology, ORL



ECTS : 3

Final exam : face-to-face, sub-tests 40 questions including at least 15 A-rank questions, QI and/or DP or KFP type of 2 or 8 questions

Teaching	Duration
Otoneurology	1h30
Oncology and cervical pathologies	1h30
Anterior segment and Retina	3h
Facial traumatology	3h
Rhinology	1h30
Pediatric ENT	1h30
Neuro-ophtalmology, pediatrics, strabismus, eyelids and appendages	3h
GI salivary/infection/mucosa	1h30
Infectious diseases in ORL	1h30
End of Pole : CMF-OPH-ORL CONFERENCE	8h
<i>Total duration of « CMF, Ophtalmology, ORL » courses</i>	26h

POLE 6	
UE by term	ECTS
UE Emergency-Intensive care	3
UE Therapeutic	3
UE Palliative care / Pain / Anesthesia / Accompaniment	3

LCA of Pole 6

UE Emergency and Intensive Care



ECTS : 3

Final exam : face-to-face, sub-tests 40 questions including at least 15 A-rank questions (DP-KFP-QI-TCS), QI and/or DP or KFP type of 2 or 8 questions

3 revision ED sessions of 2.5 hours = 7.5 hours:

- ED n°1: cardio-vascular/respiratory / nephro-metabolic
- ED n°2: hemorrhagic shock / anaphylaxis / hepato-gastro / infectious
- ED n°3: coma / traumatology / circumstantial pathologies / toxicology

1 3 hours review conference (50 questions)

Capsule videos 10 min (28 capsule videos x 10 min = 5 hours, one 30 min capsule video = 1 hour of CM or TD):

- Recent neurological deficit
- Acute neuromuscular disorders (PRN + myasthenia gravis)
- Seizures and status epilepticus
- Central nervous system infections
- Bronchopulmonary infections
- Skin and soft tissue infections
- Sepsis and septic shock
- Organ transplants: the donor
- Acute dyspnea
- Monitoring and complications of venous access
- Acute chest pain
- Acute complications of diabetes
- Acute renal failure
- Acid-base disorders
- Dysnatremia
- Dyskalemia
- Perform a transfusion
- Cardiocirculatory arrest
- States of shock: physiopathology
- Exceptional health situations
- Management of polytrauma patients
- Non-traumatic coma
- Acute poisonings
- Anaphylaxis
- Discomfort - loss of consciousness
- Acute respiratory failure
- Acute complications of cirrhosis - digestive hemorrhage
- Burned

Teaching	Duration
States of shock	2h
Acute respiratory failure	2h
Acute cardiovascular disease	2h
Coma and consciousness disorders	2h
Acute infections	2h
Metabolic disorders	2h
Acute hepato-gastroenterology	2h
Intoxications + circumstantial pathologies	2h
Traumatology	2h
End of Pole : INTENSIVE CARE CONFERENCE	4h
<i>Total duration of « Intensive care » courses</i>	22h

UE Therapeutic



ECTS : 3

Final exam : face-to-face, sub-tests 40 questions, at least 15 of which are rank A, QI and/or DP or KFP type of 2 or 8 questions.

Teaching	Duration
Therapeutics and high-risk areas: Part 1: pregnancy, children, elderly	2h
Therapeutics and high-risk areas: Part 2: renal and hepatic insufficiency, elderly	2h
Proper use of antibiotics	2h
Cardiovascular therapies	2h
Anticancer drugs	2h
Hypolipidemics and anti-diabetics	2h
Antivirals, antifungals, antiparasitic drugs	2h
Anti-inflammatories and analgesics	2h
Contraception, menopause, sexual disorders	2h
Drug development and evaluation	2h
<i>Total number of face-to-face "Therapeutics" lessons</i>	20h

ECTS : 3

Final exam : face-to-face, sub-tests 40 questions including at least 15 A-rank questions, QI and/or DP or KFP type of 2 or 8 questions

Teaching	Duration
Clinical guidelines in palliative care, Ethical guidelines	1h30
Clinical references, pediatric MS	1h30
Neurophysiological bases, pathophysiological mechanisms of acute pain dans pain	2h30
Analgesic, medicinal and non-medicinal therapies	3h30
Local, locoregional and general anaesthesia	1h
Pain in children : assessment and analgesic treatment	1h
Pain in vulnerable persons	1h
Introduction to medical ethics, Ethical guidelines, Sedation and death wish, SP in intensive care unit	3h
End of Pole : PALLIATIVE CARE-PAIN-ACCOMPANEMENT CONFERENCE	4h
Total duration of « Palliative care, pain, anaesthesia, support » courses	19h

OUT OF POLE courses for DFASM2	
Yearly UE	ECTS
UE Forensic Medicine	1
UE Occupational medicine	1
UE Public Health	1
UE Imaging / Radiology	1
UE Crossing LCA	2

Exams in Term 1 (Forensic Medicine, Occupational medicine, Public Health)
Exams in Term 3 (Imaging / Radiology)

Out of Pole course : Forensic Medicine

**ECTS : 1**

Course duration : 2 x 2 hours

Final exam : common exam for other UEs outside the cluster, assessment in term 1 of DFASM2, 1h30, x60 QI and/or DP or KFP type questions from 2 to 8 questions.

The course cover clinical forensic medicine, thanatology and medical ethics. Case studies are used to illustrate the teacher' points and underline the important concepts to be retained for medical practice in general.

ECTS : 1

Teaching time: 3 hours

Final exam: common exam for other Out of Pole UEs, assessment in Term 1 of DFASM2 only (1h30, 60 questions of the QI and/or DP or KFP type questions, 2 to 8 questions)

Three-part integrated course Ranked A in the Occupational Medicine EDN program, repeated in the final year as a 3-hour EDN amphi lecture.

Topics covered:

- 1) Work-related accidents : definition, reporting, compensation
- 2) Occupational diseases : definition, reporting, compensation
- 3) The practice of occupational medicine, professional risks, the relationship with the attending physician, recognition as a disabled worker, disability, job retention

This course is validated by multiple-choice questions.

ECTS : 1

Final exam: assessment in Term 1 (November) and catch-up in July.

Teaching unit comprising 11 video clips covering items 3, 4, 6, 16, 19, 20, 21, 181 and 323 of the R2C reference framework for NDA preparation.

- Materials available on Moodle (videos and slideshows), in French only.
- A 3-hour interactive tutorial (Wooclap from QRM) is organized in September to cover all the items.

ECTS : 1

Final exam: Assessment in Term 3 only (1 hour, x40 QI and/or DP type questions from 2 to 8 questions)

The objectives of imaging teaching in DFASM1 and DFASM2 are to prepare students for the NDA and their future professional life as physicians.

Imaging teaching covers 540 A and B items. Given the large number of items, this teaching has been spread over 2 years (DFASM1 and DFASM2).

The most important items in the program are taught in compulsory units (UEL), while the optional imaging units (MOA) consist solely of practice for EDN-type questions.

In DFASM2, for example, the compulsory UE program for A-rank items include:

- pediatric imaging (3h)
- neurological imaging (4h)
- ENT imaging (1h)
- oncology, gynecology and breast imaging (3h)
- interventional radiology (1h)
- radiation protection (1h)
- imaging preparation for NDA (2h)

The optional course on the same specialties includes 15 hours of classes.

Teaching is interactive, based on clinical cases presented and discussed with students in face-to-face amphitheatres.

ECTS : 2

Teaching time: 5 seminars of 3 hours each, in hybrid mode, with attendance check

Assessment: 3 crossing LCA of Poles (4/5/6) exams + 1h30 final exam in Term 3 (1DP).

Transversal LCA courses (not to be confused with pole LCAs) are validated by attendance at sessions throughout the year.

At the start of each session, you'll be given a test on THEIA (1h15 approx.), followed by correction by the teacher. Attendance is therefore validated by composition at the test. If you miss one (or more) tests, whether for good reason or not, you will have to take the LCA in session 2.

Course details:

- Diagnostic studies (October), teacher name : Pr Bourmaud A.
- Randomized trials (October), teaching name : Pr Tran V.-T.
- Prognostic studies (December), teacher: Lambert J.
- Cohort/control studies (January), teacher: Alberti C.
- Therapeutic evaluation (March), teaching name : Boutron I.

ECTS : 8

Clinical placements (electives) in DFASM1 (Year 4) and DFASM2 (Year 5) last between 10 to 12 weeks, equivalent to an entire term.

Students are placed in a Parisian Hospital and clinical ward in one specialty with other French and international students. They have the status of "externe".

For Erasmus students, the validation of each 10 to 12-week clinical placement results in obtaining 8 ECTS for a total of 24 ECTS for one academic year.

For each clinical placement completed, an overall clinical placement score out of 50 is given and composed of:

- a "clinical placement grade" out of 30
- a "additional clinical placement exam" score out of 20

→ Obtaining the average for this overall mark will validate the corresponding 8 ECTS.

French as a Foreign Language (FLE)**ECTS : 3**

Course duration : classes - 2 hours per week

« FFL » = French as a Foreign Language

International students can take courses in French as a Foreign Language (FLE) at LANSAD on the Grands Moulins Campus.

These courses are adapted to your level (5 teaching levels from A1 to C1) and enable you to improve your French language skills for living and studying in France.

You can benefit from :

- Semester courses (11 weeks) : 1 grammar course : A1, A2, B1, B2, C1 (and/or)
- A workshop : writing (B1, B2), speaking (B1, B2), civilization (B1, B2), argumentation (C1), cinema (B2/C1)

The « Culture & Civilisation » workshop is aimed at B1/B2 level students from all departments.

The aim of this course is to provide students with the tools they need to better understand the different aspects of French culture.

Contacts and REGISTRATION REQUIRED with LANSAD (place are limited) : masters.lansad.eila@u-paris.fr

Please note : FLE registration is **not managed by the International Relations Office of Université Paris Cité Medical School**.

You must **contact LANSAD** directly at the address indicated.



mobilite.international.medecine@u-paris.fr

<https://u-paris.fr/medecine/venir-en-echange/>