



# **Information Sheet**

**Faculty of Medicine**

**Office of International relations**

# ERASMUS incoming students

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- *Semester 1* : from September to December
  - Exam period : mid-December
- *Semester 2* : from January to May
  - Exam period : end of April – beginning of May
- *3rd year students are :*
  - in traineeship from Tuesday to Friday in the morning based on a monthly rotation (corresponds to 192 hrs a semester = 14 ECTS)
  - taking courses from Monday to Friday in the afternoon
- *4th and 5th year medical students are :*
  - in traineeship from Monday to Friday on a monthly base (correspond to 7 hrs on a daily basis = 35 hrs of a week = 7 ECTS)
  - taking courses from Monday to Friday on a monthly base
  - Exemple : Group 1.
    - Traineeship in September, courses in Octobre, traineeship in November and exams in December
- The list of traineeship possibilities is given to incoming medical students 2 months prior to their arrival.
- *6th year medical students* can have a 2 months traineeship that corresponds to 35hrs a week, WE non included (they can have < 5 times night-shift guards if the curriculum precises at the sending faculty).
- No admission fees to be paid for incoming students and it is for any duration of mobility.
- Student housing can be guaranteed to incoming students for a semester or for an academic year.
- 6th year students for a short stay will have a list of websites where they can find accomodations.
- Courses are taught in French but the most of the medical stuff speak fluent English.
- If French language course is taken that can allow an additional 4 ECTS if exam passed.

# Course catalogue for 4th year medical students

## 1st semester

DFASM1 - 4th YEAR MEDICAL STUDIES NANTES					
	MODULE	NB HOURS	ECTS	EXAM* LENGTH (min)	MODULE CONTENT
	UE1-2 Public Health	4	2	20-30	
	UE6.2 Medical Exercise	4	1	20-30	Medical file ; Medical information ; Medical secrecy
	UE 2.1 Gynaecology / Obstetrics part 1	16	2	45	Pre-eclampsia, Placenta abruption, Stunted intrauterine growth, Preterm delivery, Pregnancy-related acute abdominal pains, Pelvic pain Pelvic mass (cysts, fibromas), Risk factors and prevention of HPV infections, Genital haemorrhage, Normal pregnancy, Down's syndrome, Normal delivery, Breast-feeding, Post-partum disorders, Haemorrhage of delivery, Gestational diabetes, Psychiatric disorders during pregnancy, Pregnancy and nutrition, Ectopic pregnancy, Miscarriages Abortion, Allo-immunisation, Upper genital tract infections / STD, Violence against women
	UE3 Psychiatry - Addiction part 1	20	2	45	Psychiatry : introduction ; Panic attack, acute agitation, suicide risk ; Psychotic disorders ; Mood disorders, mourning ; Anxiety, personality disorders, somatoform disorders ; Precariousness, Pain, Psychic disability ; Treatment without consent, Psychotherapy ; Psychotropic drugs ; Psychiatric disorders in the elderly ; Sexuality ; Psychiatric disorders during pregnancy and post-partum
	UE 4.2 Neurology part 1	13	1	45	Medullary compression ; Guillain Barré syndrome/myasthenia gravis ; Polyneuropathy ; Traumatic brain injury : rehabilitation ; Parkinson's disease ; Multiple sclerosis ; Stroke ; Intracranial haemorrhage ; Epilepsy, loss of consciousness ; Nervous system tumour ; Traumatic brain injury
	UE 4.3 Dermatology part 1	8	1	30	Allergies ; Skin, bacterial and fungal infections ; Pruritus ; Facial dermatoses (acne, rosacea, seborrheic dermatitis) ; Skin melanocytic tumour, Erythema nodosum
	UE 7.2 Lung part 1	12	1	45	Pleural effusion, Pneumothorax, Chronic obstructive pulmonary disease, Sarcoidosis, Asthma (in adults), Thoracic mass, Primary lung tumours
	UE 8.1 Cardiology part 1	15	2	45	Introduction, Semiology ; Heart murmur in children ; Sex, gender and inequalities in access to healthcare ; Arterial hypertension : physiopathology, classification, treatment/management ; Aortic dissection, Bypass ; Atheroma : physiopathology, prevention ; Coronary syndromes ; Treatment for arterial hypertension, for atheroma, coronary heart diseases ; Clinical case studies
	UE 8.2 Vascular Diseases part 1	8	1	30	Haemostasis and coagulation ; Chronic venous insufficiency ; Venous thromboembolism: Deep vein thrombosis, Pulmonary embolism, Treatment
	UE 8.3a Metabolism Endocrinology part 1	15	1	30	Diabetes: Diagnosis, types, risk factors ; Gestational diabetes ; Diabetes: acute complications, diabetic foot ; Type-2 diabetes: Diagnosis, Management / treatment, Macrovascular complications ; Type-1 diabetes: Diagnosis, Management / treatment, Microvascular complications, Insulin therapy ; Obesity ; Lipids
	UE 8.3b Metabolism Nutrition part 1				
	UE 8.4.b Metabolism Nephrology part 1	9	1	30	Chronic kidney failure ; Acid-base disorders, Hypo and hypercalcaemia ; Hydroelectrolytic disturbances ; Acute kidney failure
	UE 8.4.b Metabolism Urology part 1	10	1	30	Urinary lithiasis, Haematuria ; Anuria, Acute retention of urine ; Benign prostatic hyperplasia ; Micturition abnormalities, Urinary incontinence ; Genital infections in men, Scrotal pathology, Andrology
	UE 10 Pharmacology part 1	30	3	45	Medication for pulmonary diseases ; Medication for diabetes ; Medication for angina ; Diuretics, Insulin ; Variations in benefit risk ratio ; Medication for Alzheimer's disease ; Medication for multiple sclerosis ; Medication for arterial hypertension ; Medication for heart failure ; Antivirals ; Medicines used in urology ; Lipid-lowering agents ; Antimigraine agents ; Medication for thyroid diseases ; Medicines used in gastro-enterology ; Toxicology ; Haemostasis ; Drug toxidermia ; Iatrogenic disorders and phytotherapy ; Principles of integrative medicine, Usefulness and risks of alternative treatment methods, Therapeutics
	Clinical traineeship		7		
<b>TOTAL</b>		<b>164</b>	<b>26</b>	<b>460</b>	

\* EXAMS consist of different types of questionnaires (simple choice, multiple choice, etc.), taken at the end of each term.

Please refer to a semester of your mobility. Furthermore, the Faculty might not be able to guarantee all courses in case of overlapping.

# Course catalogue for 4th year medical students

## 2nd semester

S E M E S T E R 2	UE 5.3	Disabilities / rehabilitation part 1	13	1	45	Disabilities : assessment, epidemiology ; Walking and equilibrium disorders ; <i>Bedsore complications</i> ; Rehabilitation
	UE 2.2	Paediatrics part 1	20	3	45	Preterm birth, Stunted intrauterine growth, Neonatal jaundice ; Care for newborn babies, Breastfeeding, Prevention of foetal risks ; Feeding and nutritional requirements in newborn babies and children, Obesity, Undernourishment ; Acute fever, Urinary tract infection ; Fever and rash ; Acute bronchiolitis, Acute pneumonia, Pertussis ; Cardiac and respiratory distress, Septic shock, State of shock in children ; Acute respiratory distress ; Medical follow-up from birth to adolescence : Compulsory tests ; Abused children, children at risk ; Pain management in children, Sedation and analgesic treatment, Palliative care ; Confused state and disorders of consciousness, Seizures, Serious discomfort, Sudden infant death syndrome ; Anti-infective drugs, Bone and joints infections, Tuberculosis ; Bacterial and viral meningitis and meningoencephalitis in children ; ENT infections : rhinopharyngitis, tonsillitis, otitis, sinusitis ; Immunisation, Infectious diseases in migrant children and returning travellers, Malaria
	UE 5.1	Pain Management /palliative care part 1	9	1	30	Pain : neural bases, Assessment of pain in patients without cancer, Doctor - patient objectives agreement ; Treatment of pain in patients without cancer : guidelines and precautions for use of analgesics (opioid, non-opioid), Management of psychotropic, anticonvulsant and antidepressant drugs for pain relief ; Multidisciplinary management of cancer pain (analgesics, treatment methods) ; Clinical approaches to major symptoms in palliative care (dyspnoea, digestive symptoms) ; The end of life stages ; Palliative care : organisation, legal aspects
	UE 5.2	Ageing Issues part 1	9	1	30	Normal ageing ; Specific aspects of diseases in the elderly ; Osteoporosis, Arthrosis ; Neurosensory deficit in the elderly
	UE 6.1	Infectious Diseases part 1	24	2	45	Fever, diarrhoea, in returning travellers ; Urinary infections ; Vaccines ; Respiratory infections ; Malaria ; Sexually transmitted infections ; Cutaneous infections in returning travellers ; Infection after a bite, Zoonosis, Lyme disease ; Antibiotic treatment ; HIV and AIDS ; Bone and joint infections
	UE 7.1	Immunopathology part 1	8	1	30	Autoimmune diseases ; Inflammation ; Immunodeficiency in children ; Immunodeficiency in adults ; Allergies ; Transplantation
	UE 8.4.a	Metabolism Gastroenterology part 1	11	1	30	Cirrhosis ; Icterus, Lithiasis ; Viral hepatitis ; Digestive haemorrhage ; Hepatomegaly, abdominal mass, Liver tumours ; Peptic ulcer, Gastric reflux ; Irritable bowel syndrome
	UE 8.4.a	Metabolism Digestive Surgery part 1	5	1	20	Surgery in colorectal cancer ; Obstructive syndrome ; Hernia and Ruptures, complications ; Infections (diverticulitis, appendicitis, peritonitis) ; Biliary lithiasis, Pancreatitis
	UE 9	Cancerology part 1	7	1	30	Epidemiology, Risk factors, Carcinogenesis ; Cancer treatment ; Cancer diagnostics ; Patients' care and support
	UE 9	Haematology part 1	6	1	30	Haemorrhagic syndrome ; Antithrombotic treatment, Anticoagulant accidents ; Iron pathology in adults and children ; Anaemia in adults and children ; Thrombocytopenia and purpuras in adults and children ; Mononucleosis syndrome, Eosinophilia ; Superficial lymphadenopathy in adults and children ; Splenomegaly
	UE 11	Emergency part 1	15	1	45	Discomfort, loss of consciousness, seizures in adults ; Acute respiratory distress and failure, Pneumothorax ; Cardiac arrest ; Knee, ankle and shoulder joint and ligament injuries, Prostheses and osteosynthesis, Frequent fractures in adults and elderly people, Medical observation of a patient with a plaster cast, complications ; Acute infections of soft tissues, Acute <i>big red leg</i> ; Obstructive syndrome, Digestive haemorrhage, Appendicitis in adults and children, acute peritonitis and pancreatitis ; Strokes, Subarachnoid haemorrhage ; Acute Coronary Syndromes
	UE	Orthopaedics / Rheumatology part 1	13	1	30	Frequent fractures in adults and elderly people ; Medical observation of a patient with a plaster cast ; Osteoporosis ; Knee, ankle and shoulder joint and ligament injuries ; Osteoarthritis ; Rachialgia ; Radiculalgia ; Ankylosing spondylitis ; Rheumatoid arthritis
	UE	Diagnosis Decision making part 1	13,5	1	45	Vertigo ; Jaundice : haemolytic, cholestatic ; Peripheral vascular disease ; Splenomegaly ; Superficial lymphadenopathy ; Mononucleosis syndrome ; Coughing
	UE12	Critical Analysis of Scientific Writing	30	2	120	
UE	OSCE English		2	oral		
UE	Clinical traineeship		7			
	<b>TOTAL</b>	<b>170,5</b>	<b>27</b>	<b>530</b>		

\* EXAMS consist of different types of questionnaires (simple choice, multiple choice, etc.), taken at the end of each term.

Please refer to a semester of your mobility. Furthermore, the Faculty might not be able to guarantee all courses in case of overlapping.

# Course catalogue for 5th year medical students

## 1st semester

DFASM2 - 5th year MEDICAL STUDIES NANTES						
	MODULE	NB HOURS	ECTS	EXAM LENGTH	MODULE CONTENT	
S E M E S T E R  1	UE4.1a	PERCEPTION : Ophtalmologie	2	1	20	Eyes and related pathologies : diabetes, hypertension, thyroïde, multiple sclerosis ; Eyelids ; Glaucoma ; Cornea ; Cornea transplants ; Examens and follow up of newborns ; Strabismus ; Diplopia.
	UE4.1a	PERCEPTION : ORL	4	1	20	Cervicals tumors, Dysphonia, Disphagia, Epistaxis, Dyspnea, Blocus of respiratory pathway, Cancers of upper aerodigestive tract.
	UE3	PSYCHIATRIE - ADDICTOLOGIE - partie 2 Psychiatry -Addiction part 2	20	2	45	Normal and pathological developpment at young children and young adults ; Alcoholism ; Addiction to smoking ; Eating disorders ; Behaviour disorders ; Addiction to cannabis ; Psychostimulating and drugs ; Addiction to opiates.
	UE 2.1	GYNECOLOGIE OBSTETRIQUE - partie 2 Gynaecology/Obtetrics part 2	15	2	45	Contraception ; Amenorrhea ; Sterility of the couple ; Medically Assisted Procreation ; Menopausa ; Menstrual cycle anomalies ; Pathologic and normal puberty ; Tumors of ovaries and cervix ; Breast pathologies ; Fever ; Infections and pregnancy ; Endometrium cancer ; Feminin sexual mutilations ; Sexuality ; Violence ; Genital prolapse ; Incontinency.
	UE 4.2	SYSTÈME NERVEUX - partie 2 Neurology part 2	13	1	45	Origin of neurological vision problems ; Diplopia ; Radicular pain ; Canal syndrome ; Sleep disorders ; Spinal traumatism ; Physical therapy of spinal traumatism ; Neurological origin of confusional syndromes ; Dementia ; Polyneuropathies ; ALS ; Facial paralysis ; Migraine ; Headache ; Walking and balance troubles.
	UE 4.3	REJETEMENT CUTANE - partie 2 Dermatology part 2	8	1	30	Vascular malformations and hemangiomes ; Lupus ; Sarcoidose ; Scabies ; Pediculosis ; Dermatitis bullous ; Psoriasis ; Epitheliale tumors ; Erytheme ; Exanthemes ; Erythrodermitis.
	UE 6.1	MALADIES TRANSMISSIBLES - partie 2 Infectious Diseases part 2	24,5	2	45	Covid-19 ; Emerging diseases ; Tuberculosis ; Infections at migrants ; Endocarditis ; CNS infections ; Travel recommendations ; Infections with immunodeficiency ; Hepatitis ; Microbiological samples: parasitology, mycology.
	UE 8.2	CIRCULATION VASCULAIRE - partie 2 Vascular Diseases part 2	7	1	45	Acrosyndromes ; Acute Ischaemia ; Factors of arterial risks ; Ulcers of legs ; Arteritis.
	UE 8.3	METABOLISME : ENDOCRINOLOGIE - NUTRITION partie 2 Metabolism Endocrinology - Nutrition part 2	10	1	30	Hypoglicemia ; Insufficiency adrenal ; Hypophysical adenoma ; Gynecomastia ; Malnutrition and weight loss ; Thyroid (hyper/hypo, nodules, cancer, goitre) ; Troubles of alimentation at young adults.
	UE 8.4.b	METABOLISME : NEPHROLOGIE - partie 2 Metabolism Nephrology part 2	8	1	30	Glomerular nephritis ; Diabetics nephropathy ; Myeloma ; Kidney and pregnancy ; Tubulo-interstitials nephropathy ; Vascular nephropathy ; Revision session.
	UE 8.4.b	METABOLISME : UROLOGIE - partie 2 Metabolism Urology part 2	8	1	30	Tumors of testicules ; Tumors of kidneys ; Tumors of prostate ; Tumors of bladder.
	UE 7.2	POUMON - partie 2 Lung part 2	11	1	45	Acute respiratory insufficiency ; Chronical respiratory insufficiency ; Asthma ; Hémoptisia ; Syndrome of sleep apnea ; Interstitial pneumopathy.
	UE 10	MEDICAMENTS - partie 2 25h + 5h iatrogène Pharmacology	29	3	45	Psychotropes ; NSAIDs ; Glucocorticoids ; Pain treatment ; Medicaments in gynecology-obstetrics ; Substitution of opiaces ; Prescription for the pregnant women and for the breast-feeding women ; Anticanceral medicaments ; Antituberculosis ; Antifongicals ; Antiparkinsoniens ; Antiepileptics ; Phosphocalcic metabolism medicaments ; Treatment of polyarthritis. Principles of integrative medicine ; Acute kidney disorder ; Iatro pathology during therapy ; Patient treatment pathway between hospital and town ; acute confusional state.
		STAGES Clinical traineeship		7		
	<b>TOTAUX</b>	<b>159,5</b>	<b>26</b>	<b>475</b>		

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Please refer to a semester of your mobility. Furthermore, the Faculty might not be able to guarantee all courses in case of overlapping.

# Course catalogue for 5th year medical students

## 2nd semester

S E M E S T E R  2	UE 5.3	HANDICAP MPR - partie 2 Disabilities / rehabilitation part 2	13	1	45	Nutrition of athletes ; Child handicap ; Medical equipments and devices of physical therapy ; Physical activity and lifestyle ; Law and handicap.
	UE 5.2	VEILLISSEMENT DEPENDANCE - partie 2 Ageing Issues part 2	8	1	30	Cognitifs troubles Part 1 and 2 ; Troubles related to walking and balance ; Autonomy and dependence of the elderly.
	UE 4.1	PERCEPTION - OPHTALMO - partie 2 Perception Ophthalmology part 2	6	0,75	20	Eyes and related pathologies : diabetes, hypertension, thyroïde, multiple sclerosis ; Eyelids ; Glaucoma ; Cornea ; Cornea transplants ; Examens and follow-up of newborns ; Strabismus ; Diplopia.
	UE 4.1	PERCEPTION - ORL - partie 2 Perception ENT part 2	7	0,75	20	Cervical tumors, Dysphonia, Dysphagia, Epistaxis, Dyspnea, Blocus of respiratory pathway, Cancers of upper aerodigestive tract.
	UE 4.1	PERCEPTION - STOMATO - partie 2 Perception Stomatology part 2	5	0,75	20	Pancreatic tumors diagnostics ; Proctologic pathologies and pelvis ; Rectal and colon cancer treatments ; Surgery and inflammatory diseases of the intestinal tract ; Diverticulosis and complications.
	UE 2.2	PEDIATRIE - partie 2 Paediatrics part 2	20	3	45	Proteinuria ; Syndrome nephritic ; Haematuria ; Acut kidney insufficiency ; Chronic kidney diseases ; Urinary troubles ; Hypertension ; Cough ; Mucoviscidosis ; Tuberculosis ; Haemogramme ; Anemia ; Transfusion ; Pathology of iron ; Purpura ; Haemorrhagie ; Adenopathias ; Cancer and leucemia at child ; Immunodeficiencies ; Asthma ; Intrathoracical shadows ; Hypersensibilities ; Allergies ; Anaphylactical shock ; Sleeping disorders ; Cefalias ; Epilepsy ; Cardiopulmonary arrest ; Sepsis ; Emesis ; Gastric reflux ; Diarrhea ; Constipation ; Fractures ; Orthopaedics ; Abdominal and pelvic pain ; Hernia ; Cardiac murmur ; Dyspnea et acut respiratory distress ; Intoxications ; Cranial traumas ; Alimentation problems and weight loss ; Suicidary behaviour ; Stunted growth ; Hypothyroiditis ; Normal and pathological puberty ; Insufficiency of adrenal glands ; Diabetes ; Hypoglycemia ; Handicap.
	UE 5.1	DOULEUR - SOINS PALLIATIFS - partie 2 Pain Management / palliative care part 2	8	1	30	Health care toward non-carcereous patients ; Non-medicaments care of pain in therapy ; Care of chronic pain ; Sedation in terminal phase.
	UE 7.1	INFLAMMATION IMMUNOPATHOLOGIE - partie 2 Immunopathology part 2	8	1	30	Lupus and APS ; Lupus nephropathy ; Complications of transplants ; Allergies.
	UE 8.1	CIRCULATION Vasculaire - partie 2 Vasculaire part 2	14	1	45	Presentation ; ECG ; Troubles of cardiac rhythm ; Palpitation ; Atrial fibrillation ; Ablation ; Defibrillator ; Cardiac insufficiency : epidemiology, clinical aspects, etiologies, treatment ; Acute heart failure ; Care pathway ; Clinical cases ; Medication on heart failure ; Valvulopathies : surgery and screening ; ECG in practice.
	UE 8.4.a	METABOLISME : GASTROENTEROLOGIE - partie 2 Metabolism Gastroenterology part 2	12	2	30	Colorectal cancer: screening, testing, diagnosis ; Acut and chronic diarrhea ; Denutrition of adults ; Acut and chronic pancreatitis ; Dysphagia ; IBD ; Crohn ; Stomach cancer.
	UE 8.4.a	METABOLISME : CHIRURGIE DIGESTIVE - partie 2 Metabolism Digestive Surgery part 2	5	1	20	Diagnostic of pancreatic tumor ; Proctological pathologies ; Rectal and colon cancers ; Surgery of different aspects of inflammatory diseases of intestines ; Diverticulosis and complications.
	UE 9	CANCEROLOGIE - partie 2 Cancerology part 2	8	1	30	Lung cancer, Breast cancer, Gynaecological cancers, Cancer of the prostate.
	UE 9	HEMATOLOGIE - partie 2 Hematology part 2	8	1	30	Myelodysplasic syndromes, Leucemia, Wandenstrom, Multiple myeloma of bones, Malignus lymphomas, Myeloproliferatives syndromes, Biotherapies and target therapies.
	UE 11	URGENCES - partie 2 Emergency part 2	14,5	2	45	Complications evaluations ; Acute urine retention ; Acute kidney insufficiency ; Anuria ; Acide basis ; Antibiotherapy in urinary and respiratory infections ; Non traumatic comatic state at adults and children ; Confusional state and trouble of conscience at adults and children.
	UE 6.2	SANTE AU TRAVAIL Health issues at work		1	20	Evolution of health care at work ; Clinical cases.
	UE	LOCOMOTEUR - partie 2 Orthopaedics / Rheumatology part 2	9	1	30	Articular pain and effusion ; Arthritis ; Osteoarticular infections ; Osteopathies ; Hypercalcemia ; Acut infections of medullars parts ; Prothesis and osteosynthesis ; Frequent fractures of adult and elderly ; Primitives bone tumors ; Secondary bone tumors ; Biotherapies ; Entrapments syndrome.
	UE	CHIRURGIE maxillo-faciale - partie 2 Maxillofacial surgery part 2				Tumors of oral cavity and pre-carcereous lesions, Primitives and secondary tumors of bones, Oral-dental development and anomalies.
	UE	ORIENTATION DIAGNOSTIQUE - partie 2 Diagnostics part 2	9	1	45	Purpura at child and adults ; Weight loss ; Haematuria ; Eosinophilia ; Pain in extremities ; Oedema in legs ; Anemia ; Pathology of coagulation ; Inflammation.
	UE 12	Critical Analysis of Scientific Writing - Part 2	10	2	120	
		STAGES Clinical traineeship		7		
	<b>TOTAUX</b>	<b>164,5</b>	<b>27</b>	<b>535</b>		

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Please refer to a semester of your mobility. Furthermore, the Faculty might not be able to guarantee all courses in case of overlapping.

**The new university hospital opens in 2026.**

<https://www.youtube.com/watch?v=00AmCeF0Vck>

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<https://medecine.univ-nantes.fr/relations-internationales>