

Block view of the study programme

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Block 1

Notice : The FAMEais Masters replaces the FAME+ Master within the same consortium: ULiège will host students from the first FAMEias cohort from the 2023-2024 academic year, while the last FAME+ students will graduate at the end of the 2022-2023 academic year. Within the FAMEais Masters, the course programme offered by ULiège is aimed at students who have acquired the first 60 credits within a partner university.

Compulsory courses

PHYS0974-1	<i>Materials physics and biophysics</i> - Maryse HOEBEKE, Alejandro SILHANEK	Q1	30	-	-	5
PHYS0930-1	<i>Atomic physics</i> - Thierry BASTIN, Peter SCHLAGHECK	Q1	30	-	-	5
PHYS0975-1	<i>Introduction to soft matter and complex systems</i> - Nicolas VANDEWALLE	Q1	30	-	-	5

Optional courses

In agreement with the Jury, choose a subject among :

Basic course

SSTG0016-1	<i>Training sessions and personal work</i> (english language) - COLLÉGIALITÉ, ISLV	Q2	15	45	-	5
PHYS0983-1	<i>Seminars in advanced physics I</i> (english language)	TA				4
	- <i>Materials physics and biophysics</i> - COLLÉGIALITÉ	10	-	-		
	- <i>Atomic physics</i> - COLLÉGIALITÉ	10	-	-		
	- <i>Physics of soft matter and complex systems</i> - COLLÉGIALITÉ	10	-	-		

Choisir en accord avec le Jury des cours pour un total de 36 crédits parmi :

Atomic and nuclear

PHYS0932-1	<i>Cold atoms and atomic clocks</i> - Thierry BASTIN	Q2	20	10	-	4
	Corequisite :					
	PHYS0930-1 - Physique atomique					
PHYS2027-2	<i>Ultracold atoms and Bose-Enstein condensates</i> - Peter SCHLAGHECK	Q2	25	-	-	4
	Corequisite :					
	PHYS3021-1 - Mécanique quantique avancée					
	PHYS0930-1 - Physique atomique					
PHYS0235-2	<i>Quantum optics</i> - John MARTIN	Q2	20	10	-	4
	Corequisite :					
	PHYS3021-1 - Mécanique quantique avancée					
	PHYS0930-1 - Physique atomique					
PHYS0949-1	<i>Atomic structures modelling</i> - Pascal QUINET	Q2	10	10	-	4
	Corequisite :					
	PHYS0930-1 - Physique atomique					
PHYS0941-2	<i>Theoretical physics : Nuclei and particles</i> - JeanRené CUDELL	Q1	30	-	-	4
PHYS3021-1	<i>Advanced quantum mechanics</i> - Thierry BASTIN, John MARTIN, Peter SCHLAGHECK	Q1	30	-	-	4
PHYS0997-1	<i>Quantum information and computation</i> (english language) - François DAMANET	Q1	30	-	-	4

Soft Materials / Statistical Physics

PHYS0969-1	<i>Introduction to biophotonics</i> - Laurent DREESEN	Q2	20	10	-	4
PHYS0939-2	<i>Physics of non-linearities, chaos and fractals</i> - Nicolas VANDEWALLE	Q2	15	15	-	4
	Corequisite :					
	PHYS0975-1 - Introduction à la matière molle et aux systèmes complexes					

PHYS3020-1	<i>Discrete element method and soft materials</i> - Eric OPSOMER	Q2	15	15	-	4
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Study programmes 2023-2024

Faculty of Sciences

Master in physics (120 ECTS)

Materials / Solid State

PHYS3003-1	<i>Physics of functional oxides</i> (english language) - Philippe GHOEZ	Q1	20	10	-	4
Corequisite :						
	PHYS0974-1 - Physique des matériaux et biophysique					
PHYS0980-1 (pas organisé en 2023-2024) <i>Spectroscopy of materials</i> (english language)						
	Corequisite :	Q1	20	10	-	4
	PHYS0974-1 - Physique des matériaux et biophysique					
PHYS3004-1	<i>Physics of nanomaterials</i> (english language) - JeanYves RATY	Q1	20	10	-	4
Corequisite :						
	PHYS0974-1 - Physique des matériaux et biophysique					
PHYS0982-1	<i>Physics of semiconductors</i> (english language) - Ngoc Duy NGUYEN	Q1	15	-	-	2
Corequisite :						
	PHYS0974-1 - Physique des matériaux et biophysique					
PHYS3023-1	<i>Physics of magnetic materials</i> (english language) - Eric BOUSQUET	Q2	20	10	-	4
Corequisite :						
	PHYS0974-1 - Physique des matériaux et biophysique					
PHYS0981-1	<i>Quantum modelling of materials properties</i> (english language) - Philippe GHOEZ, Matthieu VERSTRAETE	Q1	20	10	-	4
Corequisite :						
	PHYS0974-1 - Physique des matériaux et biophysique					
CHIM0202-2	<i>Physical Chemistry</i> - Christian DAMBLON, Bernard LEYH	Q2	30	-	-	4
PHYS0987-1	<i>Physics of materials for energy</i> (english language) - Philippe GHOEZ, Ngoc Duy NGUYEN	Q1	30	-	-	4
PHYS0988-1	<i>Intrinsic and induced topological properties of matter</i> (english language) - Bertrand DUPÉ	Q2	20	10	-	4
PHYS0998-1	<i>Physics of superconductors</i> (english language) - Alejandro SILHANEK	Q2	15	-	-	2

Quantum Physics and Relativity

PHYS2012-1	<i>Relativistic quantum mechanics and relativistic statistics</i> - Peter SCHLAGHECK	Q1	20	5	-	4
SPAT0012-1	<i>General relativity</i> (english language) - Guillaume MAHLER	Q1	30	10	-	4

Experimental Physics

PHYS0250-2	<i>Experimental statistical physics</i> - Stéphane DORBOLO	Q2	10	20	-	4
Corequisite :						
	PHYS0975-1 - Introduction à la matière molle et aux systèmes complexes					
PHYS3019-1 <i>Techniques of experimental physics</i> - Geoffroy LUMAY						
PHYS0943-1	<i>Spectroscopy of electronic paramagnetic resonance</i> - Maryse HOEBEKE	Q2	15	15	-	4
Corequisite :						
	PHYS0974-1 - Physique des matériaux et biophysique					
PHYS0095-1	<i>The physics of accelerators and vacuum technologies</i> - David STRIVAY	Q2	10	10	-	4
PHYS0968-1	<i>Signal processing</i> - Alejandro SILHANEK	Q2	25	20	-	4
PHYS3037-1	<i>Nanofabrication : principles and techniques</i> (english language) - Ngoc Duy NGUYEN, Alejandro SILHANEK	Q2	25	15	-	4
Corequisite :						
	PHYS0974-1 - Physique des matériaux et biophysique					

Optics and Imaging

PHYS0942-3	<i>Ionising radiations and imaging</i> - Alain SERET	Q1	20	5	-	4
PHYS0938-1	<i>Physics and cultural heritage</i> - David STRIVAY	Q1	15	5	-	4
PHYS0048-2	<i>Coherent and incoherent optics</i> (english language)	Q1				4

Study programmes 2023-2024

Faculty of Sciences

Master in physics (120 ECTS)

	- <i>Coherent optics and lasers applications</i> - Serge HABRAKEN - <i>Laser physics</i> - Serge HABRAKEN	10 5	15 5	- -	
PHYS0048-3	<i>Coherent and incoherent optics, Instrumental optics I</i> (english language) - Serge HABRAKEN	Q1	20	15	- 4
PHYS0128-1	<i>Magnetic Resonance Imaging - the Basics</i> (english language) - Laurent LAMALLE - [3d FW]	Q1	15	-	[+] 2

Applied physics

INFO0939-1	<i>High performance scientific computing</i> (english language) - Christophe GEUZAINÉ - [20h Proj.]	Q1	30	15	[+]	5
MECA0470-1	<i>New methods in computational mechanics and physics</i> (english language) - Maarten ARNST, Eric BÉCHET, Ludovic NOELS - [40h Proj.]	Q2	20	-	[+]	5
ELEN0062-1	<i>Introduction to machine learning</i> (english language) - Pierre GEURTS, Louis WEHENKEL - [40h Proj.]	Q1	30	5	[+]	6

Didactics

PHYS0979-1	<i>Conceptual approach to basic physics</i> - Hervé CAPS, Maryse HOEBEKE	Q1	30	-	-	4
AESS0241-1	<i>Introduction to physics didactics</i> - Maryse HOEBEKE	Q1	20	-	-	4

[...] Up to 20 credits (or more, in agreement with the Jury) in the two blocks may also be chosen in another study field or institution

Course Medical Physics

PHYS0952-3	<i>Imaging through ionising radiation</i> - Alain SERET	Q1	25	5	-	4
Corequisite :						
PHYS0931-1 - Traitement des données						
PHYS0989-1 - Radiobiology						
PHYS0990-1 - Dosimétrie						
PHYS0989-1	<i>Radiobiology</i> (english language) - Olivier VAN HOEY	Q2	10	-	-	2
Corequisite :						
PHYS0952-3 - Imagerie par radiations ionisantes						
PHYS0990-1 - Dosimétrie						
PHYS0990-1	<i>Dosimetry</i> - Véronique BAART, Luca PELLERI	Q2	20	-	-	3
Corequisite :						
PHYS0952-3 - Imagerie par radiations ionisantes						
PHYS0989-1 - Radiobiology						
RADI2001-1	<i>Radioprotection: hygiene problems</i> - Nadia WITHOFS	Q1	15	-	-	2
Corequisite :						
PHYS0952-3 - Imagerie par radiations ionisantes						
BIOL0007-1 - Biologie tissulaire						
RADP0141-1 - Radioprotection						
PHYS0989-1 - Radiobiology						
PHYS0990-1 - Dosimétrie						
BIOL0007-1	<i>Tissue biology</i> - Marc THIRY	Q1	15	25	-	4
PHYL0644-1	<i>Human Anatomy and Physiology</i> - Pierre BONNET	Q2	30	-	-	3
ANAT0222-1	<i>Elements of Radiology</i> - Paul MEUNIER, Luaba TSHIBANDA, Christophe VALKENBORGH	Q1	10	5	-	2
CHIM0620-1	<i>Radiopharmaceutical Chemistry</i> - Thibault GENDRON	Q1	20	10	-	3
PHYS0128-1	<i>Magnetic Resonance Imaging - the Basics</i> (english language) - Laurent LAMALLE - [3d FW]	Q1	15	-	[+]	2
Corequisite :						
PHYS0930-1 - Physique atomique						
RADP0141-1	<i>Radioprotection</i> - Part a) <i>Radioprotection techniques and complements</i> - Véra PIRLET	Q2	30	15	-	6

Study programmes 2023-2024

Faculty of Sciences

Master in physics (120 ECTS)

	- <i>Part b) Legislation on radioprotection and the organisation of a radiotherapy, radiodiagnostic and nuclear medicine department -</i> Véra PIRLET		10	-	-
SSTG0041-1	<i>Placement in medical radiophysics</i> - Véronique BAART, Alain SERET - [12d Internship]	Q2	2	-	[+] 7
	Corequisite : PHYS0952-3 - Imagerie par radiations ionisantes PHYS0989-1 - Radiobiology PHYS0990-1 - Dosimétrie				
STAT0420-1	<i>Biostatistics 2</i> - AnneFrançoise DONNEAU	Q1	15	15	- 3
PHYS0968-1	<i>Signal processing</i> - Alejandro SILHANEK	Q2	25	20	- 4

Block 2

Compulsory course

SMEM0028-1	<i>Final thesis</i> - COLLÉGIALITÉ	TA	-	-	-	18
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Optional courses

In agreement with the Jury, choose a subject among :

Basic course

PHYS0984-1	<i>Seminars in advanced physics II</i> (english language) - <i>Materials physics and biophysics</i> - COLLÉGIALITÉ - <i>Atomic physics</i> - COLLÉGIALITÉ - <i>Physics of soft matter and complex systems</i> - COLLÉGIALITÉ	TA			4
		10	-	-	
		10	-	-	
		10	-	-	

Prerequisite :

PHYS0983-1 - Séminaires de Physique avancée I

Choisir en accord avec le Jury des cours non déjà choisis pour un total de 8 crédits parmi :

Atomic and nuclear

PHYS0932-1	<i>Cold atoms and atomic clocks</i> - Thierry BASTIN	Q2	20	10	-	4
	Corequisite : PHYS0930-1 - Physique atomique					
PHYS2027-2	<i>Ultracold atoms and Bose-Enstein condensates</i> - Peter SCHLAGHECK	Q2	25	-	-	4
	Corequisite : PHYS3021-1 - Mécanique quantique avancée PHYS0930-1 - Physique atomique					
PHYS0235-2	<i>Quantum optics</i> - John MARTIN	Q2	20	10	-	4
	Corequisite : PHYS3021-1 - Mécanique quantique avancée PHYS0930-1 - Physique atomique					
PHYS0949-1	<i>Atomic structures modelling</i> - Pascal QUINET	Q2	10	10	-	4
	Corequisite : PHYS0930-1 - Physique atomique					
PHYS0941-2	<i>Theoretical physics : Nuclei and particles</i> - JeanRené CUDELL	Q1	30	-	-	4
PHYS3021-1	<i>Advanced quantum mechanics</i> - Thierry BASTIN, John MARTIN, Peter SCHLAGHECK	Q1	30	-	-	4
PHYS0997-1	<i>Quantum information and computation</i> (english language) - François DAMANET	Q1	30	-	-	4

Soft Materials / Statistical Physics

PHYS0969-1	<i>Introduction to biophotonics</i> - Laurent DREESEN	Q2	20	10	-	4
PHYS0939-2	<i>Physics of non-linearity, chaos and fractals</i> - Nicolas VANDEWALLE	Q2	15	15	-	4
	Corequisite :					

Study programmes 2023-2024

Faculty of Sciences

Master in physics (120 ECTS)

PHYS0975-1 - Introduction à la matière molle et aux systèmes complexes

PHYS3020-1	<i>Discrete element method and soft materials</i> - Eric OPSOMER	Q2	15	15	-	4
PHYS0948-1	<i>Microgravity</i> - Nicolas VANDEWALLE - [3d FW]	Q2	10	20	[+]	4

Corequisite :

PHYS0975-1 - Introduction à la matière molle et aux systèmes complexes

Materials / Solid State

PHYS3003-1	<i>Physics of functional oxides</i> (english language) - Philippe GHOSEZ	Q1	20	10	-	4
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Corequisite :

PHYS0974-1 - Physique des matériaux et biophysique

PHYS0980-1	(pas organisé en 2023-2024) <i>Spectroscopy of materials</i> (english language)	Q1	20	10	-	4
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Corequisite :

PHYS0974-1 - Physique des matériaux et biophysique

PHYS3004-1	<i>Physics of nanomaterials</i> (english language) - JeanYves RATY	Q1	20	10	-	4
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Corequisite :

PHYS0974-1 - Physique des matériaux et biophysique

PHYS0982-1	<i>Physics of semiconductors</i> (english language) - Ngoc Duy NGUYEN	Q1	15	-	-	2
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Corequisite :

PHYS0974-1 - Physique des matériaux et biophysique

PHYS3023-1	<i>Physics of magnetic materials</i> (english language) - Eric BOUSQUET	Q2	20	10	-	4
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Corequisite :

PHYS0974-1 - Physique des matériaux et biophysique

PHYS0981-1	<i>Quantum modelling of materials properties</i> (english language) - Philippe GHOSEZ, Matthieu VERSTRAEDE	Q1	20	10	-	4
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Corequisite :

PHYS0974-1 - Physique des matériaux et biophysique

CHIM0202-2	<i>Physical Chemistry</i> - Christian DAMBLON, Bernard LEYH	Q2	30	-	-	4
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PHYS0987-1	<i>Physics of materials for energy</i> (english language) - Philippe GHOSEZ, Ngoc Duy NGUYEN	Q1	30	-	-	4
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PHYS0988-1	<i>Intrinsic and induced topological properties of matter</i> (english language) - Bertrand DUPÉ	Q2	20	10	-	4
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PHYS0998-1	<i>Physics of superconductors</i> (english language) - Alejandro SILHANEK	Q2	15	-	-	2
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Quantum Physics and Relativity

PHYS2012-1	<i>Relativistic quantum mechanics and relativistic statistics</i> - Peter SCHLAGHECK	Q1	20	5	-	4
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SPAT0012-1	<i>General relativity</i> (english language) - Guillaume MAHLER	Q1	30	10	-	4
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PHYS0250-2	<i>Experimental statistical physics</i> - Stéphane DORBOLO	Q2	10	20	-	4
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Corequisite :

PHYS0975-1 - Introduction à la matière molle et aux systèmes complexes

PHYS3019-1	<i>Techniques of experimental physics</i> - Geoffroy LUMAY	Q2	20	20	-	4
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PHYS0943-1	<i>Spectroscopy of electronic paramagnetic resonance</i> - Maryse HOEBEKE	Q2	15	15	-	4
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Corequisite :

PHYS0974-1 - Physique des matériaux et biophysique

PHYS0095-1	<i>The physics of accelerators and vacuum technologies</i> - David STRIVAY	Q2	10	10	-	4
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PHYS0968-1	<i>Signal processing</i> - Alejandro SILHANEK	Q2	25	20	-	4
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PHYS3037-1	<i>Nanofabrication : principles and techniques</i> (english language) - Ngoc Duy NGUYEN, Alejandro SILHANEK	Q2	25	15	-	4
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Corequisite :

Study programmes 2023-2024

Faculty of Sciences

Master in physics (120 ECTS)

PHYS0974-1 - Physique des matériaux et biophysique

Optics and Imaging

PHYS0942-3	<i>Ionising radiations and imaging</i> - Alain SERET	Q1	20	5	-	4
PHYS0938-1	<i>Physics and cultural heritage</i> - David STRIVAY	Q1	15	5	-	4
PHYS0048-2	<i>Coherent and incoherent optics</i> (english language) - <i>Coherent optics and lasers applications</i> - Serge HABRAKEN - <i>Laser physics</i> - Serge HABRAKEN	Q1	10	15	-	4
PHYS0048-3	<i>Coherent and incoherent optics, Instrumental optics I</i> (english language) - Serge HABRAKEN	Q1	20	15	-	4
PHYS0128-1	<i>Magnetic Resonance Imaging - the Basics</i> (english language) - Laurent LAMALLE - [3d FW]	Q1	15	-	[+]	2
PHYS0125-3	<i>Instrumental optics II</i> (english language) - Serge HABRAKEN	Q2	25	15	-	4
Prerequisite :		PHYS0048-3 - Coherent and incoherent optics				

Applied physics

INFO0939-1	<i>High performance scientific computing</i> (english language) - Christophe GEUZAINÉ - [20h Proj.]	Q1	30	15	[+]	5
MECA0470-1	<i>New methods in computational mechanics and physics</i> (english language) - Maarten ARNST, Eric BÉCHET, Ludovic NOELS - [40h Proj.]	Q2	20	-	[+]	5
ELEN0062-1	<i>Introduction to machine learning</i> (english language) - Pierre GEURTS, Louis WEHENKEL - [40h Proj.]	Q1	30	5	[+]	6

Didactics

PHYS0979-1	<i>Conceptual approach to basic physics</i> - Hervé CAPS, Maryse HOEBEKE	Q1	30	-	-	4
AESS0241-1	<i>Introduction to physics didactics</i> - Maryse HOEBEKE	Q1	20	-	-	4

[...] Up to 20 credits (or more, in agreement with the Jury) in the two blocks may also be chosen in another study field or institution

Course Medical Physics

QUAL0722-1	<i>Safety and quality assurance</i> (english language) - Edmond STERPIN	Q2	5	10	-	2
Prerequisite :		SSTG0041-1 - Stages en radiophysique médicale				
RADL0442-1	<i>Radiobiology and radiopathology elements</i> - Chantal HUMBLET, Philippe MARTINIVE	Q1	40	20	-	6
Prerequisite :		ANAT0222-1 - Eléments d'anatomie radiologique PHYL0644-1 - Anatomie et physiologie humaines BIOL0007-1 - Biologie tissulaire				
PHYS2024-1	<i>Transfer and co-registration of medical images</i> - Mohamed Ali BAHRI	Q1	15	-	-	2
CHIM0621-2	<i>Production and application of radioelements</i> - Thibault GENDRON - [3d FW]	Q2	15	-	[+]	2

Focus to be chosen

Research Focus

STRA0030-1	<i>Final thesis complement</i> - COLLÉGIALITÉ	TA	-	-	-	14
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[...] With the jury's agreement, choose from the Uliège programme complementary courses which have not already been chosen for a total of 16 credits, with a maximum of 20 credits outside the course over the two blocks.

Teaching focus

AESS1222-1	<i>Special didactics in physics : course and exercises (1st part)</i> -	Q1	40	-	-	3
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Study programmes 2023-2024

Faculty of Sciences

Master in physics (120 ECTS)

APS, Maryse HOEBEKE

Corequisite :

PHYS0979-1 - Approche conceptuelle de la physique de base

AESS1223-1	<i>Special didactics in physics : placements (1st part)</i> - <i>Observation placements</i> - Hervé CAPS, Maryse HOEBEKE - [10h Internship] - <i>Teaching placements</i> - Hervé CAPS, Maryse HOEBEKE - [20h Internship] - <i>Reflexive practical work</i> - Hervé CAPS, Maryse HOEBEKE	Q1	-	-	[+]	3
AESS2222-1	<i>Special didactics in physics : course and exercises (2nd part)</i> - Hervé CAPS, Maryse HOEBEKE	Q2	35	-	-	4
AESS2223-1	<i>Special didactics in physics : placements (2nd part)</i> - <i>Teaching placements</i> - Hervé CAPS, Maryse HOEBEKE - [20h Internship] - <i>Reflexive practical work</i> - Hervé CAPS, Maryse HOEBEKE - <i>Extra-scholar teaching activities</i> - Hervé CAPS, Maryse HOEBEKE	Q2	-	-	[+]	5
AESS0202-1	<i>General didactics: course and exercises ; observation placements ; reflexive practices</i> - Annick FAGNANT - [10h Internship]	TA	30	10	[+]	4
AESS0246-1	<i>Analysis of scholastic institutions and educational policies</i> - Annelise VOISIN	Q2	15	-	-	1
AESS0004-1	<i>Media education</i> - Jeremy HAMERS	Q1	15	-	-	1
AESS0248-1	<i>Elements of sociology of education</i> - JeanFrançois GUILLAUME	Q2	10	-	-	1
AESS0140-1	<i>Professional ethics and training to neutrality and citizenship</i> - Anne HERLA	Q2	25	-	-	2
AESS0143-1	<i>Educational Psychology of adolescents and young adults</i> - Annick FAGNANT	Q1	15	-	-	2
AESS0249-1	<i>Interdisciplinary seminar</i> - Annick FAGNANT	Q2	15	-	-	1
AESS0339-1	<i>Understand and manage the diversity of public schools</i> - Ariane BAYE	TA	10	15	-	3

Professional Focus in Medical Radiological Physics

PHYS0991-1	<i>Special applications and techniques in radiotherapy</i> - Véronique BAART, Luca PELLEGRI	Q1	35	-	-	4
	Prerequisite : PHYS0989-1 - Radiobiology PHYS0990-1 - Dosimétrie					
PHYS0992-1	<i>Special applications and techniques in radiodiagnostic</i> (english language) - Hilde BOSMANS	Q1	15	-	-	2
	Prerequisite : PHYS0952-3 - Imagerie par radiations ionisantes PHYS0989-1 - Radiobiology					
PHYS0993-1	<i>Special applications and techniques in nuclear medicine</i> - Claire BERNARD, Roland HUSTINX, Alain SERET	Q1	20	-	-	3
	Prerequisite : PHYS0952-3 - Imagerie par radiations ionisantes PHYS0989-1 - Radiobiology					
PHYS0994-1	<i>Internal dosimetry of radiopharmaceutical compounds</i> - Claire BERNARD, Christophe MERCIER, Alain SERET	Q1	8	4	-	2
	Prerequisite : PHYS0952-3 - Imagerie par radiations ionisantes PHYS0989-1 - Radiobiology					
PHYS0995-1	<i>Computerized dosimetry specialized in radiotherapy</i> (english language) - Edmond STERPIN	Q1	15	-	-	2

Study programmes 2023-2024

Faculty of Sciences

Master in physics (120 ECTS)

Prerequisite :

PHYS0989-1 - Radiobiology
PHYS0990-1 - Dosimétrie

PHYS0996-1 *2D & 3D tomographical reconstruction* - Alain SERET Q1 10 - - - 1

Prerequisite :

PHYS0931-1 - Traitement des données
PHYS0952-3 - Imagerie par radiations ionisantes

SSTG0015-2 *Training - COLLÉGIALITÉ - [3mois Internship]* TA - - - [+] 16

Prerequisite :

PHYS0952-3 - Imagerie par radiations ionisantes
PHYS0989-1 - Radiobiology
PHYS0990-1 - Dosimétrie

Corequisite :

PHYS0991-1 - Applications et techniques spéciales en radiothérapie
PHYS0992-1 - Applications et techniques spéciales en radiodiagnostic
PHYS0993-1 - Applications et techniques spéciales en médecine nucléaire
PHYS0994-1 - Dosimétrie interne des composés radiopharmaceutiques
PHYS0995-1 - Computerized dosimetry specialized in radiotherapy
PHYS0996-1 - Reconstruction tomographique 2D & 3D

Bloc d'aménagement du programme de l'année

Additional ECTS (max 15-60) Master in physics (120 ECTS)

Optional courses

The update course, worth a maximum of 60 credits, will be determined based on students' prior training.

[...] Between 15 and 60 ECTS of courses from "Bachelier en sciences physiques"