

**Department of Physics--- Specialty: 3<sup>rd</sup> Energy Physic**

**Academic year: 2024/2025. Semester: S5**

(Responsible for the specialty Mr. Belhadj Mohamed Mostepha./Email:[mhmu\\_belhadj@yhao.com](mailto:mhmu_belhadj@yhao.com))

**First semester**

Time	08h00-09h30	09h40-11h10	11h20 – 12h50	13h50 – 15h20	15h30 – 17h00
Saturday					
Sunday	Numerical methods applied to energetic 1 (Course; D5) Pr. Marif Yacine	Fluid mechanics 2 (Course; D5) Es. Zine Adedallah	Fluid mechanics 2 (DW; D5) Es. Zine Adedallah	Numerical methods applied to energetic 1 (PW; Labo04) Pr. Marif Yacine	
Monday	Heat Transfer 1 (Course; D5) Pr. Bouguettaia Hamza	Fluid mechanics 2 (Course; D5) Es. Zine Adedallah	Captors (Course; D5) Es. Bouana Rabbeh	Entrepreneurial (Course; Moodle Platform) Pr: Halimi Nabil	
Tuesday	Heat Transfer 1 (Course; D5) Pr. Bouguettaia Hamza	Heat Transfer 1 (DW; D5) Pr. Bouguettaia Hamza	Comprehensive thermodynamics (Course; D5) Dr. Tekha Mohamed	Thermodynamics (PW; Labo01) Dr. Belhadj Mohamed Mostepha	
Wednesday	Comprehensive thermodynamics (Course; D5) Dr. Tekha Mohamed	Comprehensive thermodynamics (DW; D5) Dr. Tekha Mohamed	Solar field (PW; D5) Dr. Belhadj Mohamed Mostepha	<b>Day meeting</b>	
Thursday					

**Department of Physics--- --- Specialty: Master 2 Materials Physics**

**Academic year: 2024/2025. Semester: 01 - Lectures and Tutorials (Hall...B6)**

<b>Time</b>	<b>08h00-09h30</b>	<b>09h45-11h10</b>	<b>11h20 – 12h50</b>	<b>13h10 – 14h40</b>	<b>14h50 – 16h20</b>	<b>16h30 – 16h00</b>
<b>Saturday</b>						
<b>Sunday</b>	<b>Recherche Bibliographique &amp; Communication Scientifique</b> <i>Boukraa Aomar</i>	<b>Recherche Bibliographique &amp; Communication Scientifique</b> <i>Boukraa Aomar</i>		<b>Traitements des Métaux</b> <i>Mamanou Abdellatif</i>	<b>Traitements des Métaux</b> <i>Mamanou Abdellatif</i>	
<b>Monday</b>	<b>Méthodes d'Analyse &amp; de Caractérisation des Matériaux</b> <i>Belakroum Karima</i>	<b>Traitements des Métaux</b> <i>Mamanou Abdellatif</i>		<b>Magnétisme et Supraconductivité</b> <i>Menaceri Abdelmalek</i>	<b>Magnétisme et Supraconductivité</b> <i>Menaceri Abdelmalek</i>	
<b>Tuesday</b>	<b>Méthodes d'Analyse &amp; de Caractérisation des Matériaux</b> <i>Belakroum Karima</i>	<b>Méthodes d'Analyse &amp; de Caractérisation des Matériaux</b> <i>Belakroum Karima</i>	<b>TP Matériaux</b> <i>Gueriani Rachid</i>	<b>TP Matériaux</b> <i>Gueriani Rachid</i>		
<b>Wednesday</b>	<b>Semi-conducteurs Diélectriques</b> <i>Telili Salah</i>	<b>Semi-conducteurs Diélectriques</b> <i>Telili Salah</i>	<b>Spintronique &amp; Nanotechnologies</b> <i>Benmebrouk Lazhar</i>	<b>Spintronique &amp; Nanotechnologies</b> <i>Benmebrouk Lazhar</i>	<b>Législation</b> .....	
<b>Thursday</b>						

**Department of Physics--- --- Specialty: Master 1 Materials Physics**  
**Academic year: 2024/2025. Semester: 01 - Lectures and Tutorials(Hall...B10 )**

<b>Time</b>	<b>08h00-09h30</b>	<b>09h45-11h10</b>	<b>11h20 – 12h50</b>	<b>13h10 – 14h40</b>	<b>14h50 – 16h20</b>	<b>16h30 – 16h00</b>
<b>Saturday</b>						
<b>Sunday</b>	<b>Défauts dans les matériaux</b> <i>Belakroum Karima</i>	<b>Défauts dans les matériaux</b> <i>Belakroum Karima</i>	<b>Métallurgie physique</b> <i>Tidjani Med Elkhames</i>			
<b>Monday</b>	<b>Théorie des groupes et cristallographie</b> <i>Tidjani Med Elkhames</i>	<b>Théorie des groupes et cristallographie</b> <i>Tidjani Med Elkhames</i>	<b>Métallurgie physique</b> <i>Tidjani Med Elkhames</i>			
<b>Tuesday</b>		<b>Modélisation et simulation numérique 1</b> <i>Ayat Zaia</i>	<b>Physique statistique et phénomène de transport</b> .....	<b>Physique statistique et phénomène de transport</b> .....		
<b>Wednesday</b>	<b>Physique des lasers et optoélectronique</b> <i>Bentouila Omar</i>	<b>Physique des lasers et optoélectronique</b> <i>Bentouila Omar</i>	<b>Anglais scientifique et technique</b> <i>Tidjani Med Elkhames</i>	<b>Modélisation et simulation numérique 1 (TP)</b> <i>Ayat Zaia</i>	<b>Modélisation et simulation numérique 1 (TP)</b> <i>Ayat Zaia</i>	
<b>Thursday</b>	<b>Physique de la matière condensée</b> <i>Boukraa Aomar</i>	<b>Physique de la matière condensée</b> <i>Boukraa Aomar</i>	<b>Physique de la matière condensée</b> <i>Boukraa Aomar</i>			

**Department of Physics--- --- Specialty: L2 Physic .**  
**Academic year: 2024/2025. Semester: 01 -**

Time		08h00-09h30	09h40-11h10	11h20 – 12h50	13h50 – 15h20	15h30 – 17h00	17h30 – 18h00
<b>Saturday</b>							
<b>Sunday</b>	<b>G1</b>	<b>Series and differential equations (Cours) – C15</b> (فقيه عبد العالي)	<b>Physical crystallography (Cours) – C15</b> (الله خلف بلقاسم بن)	TD Analytical mechanics (زنخري جمال) salle <b>C15</b>	TD- Series and differential equations (بالحاج) <b>A7</b> -salle	<b>English (Cours)</b>	
	<b>G2</b>			TD- Physical crystallography(الله خلف بن بلقاسم) - salle <b>A8</b>	TD Vibrations and waves (بلغيثار)-Salle: <b>C14</b>		
	<b>G3</b>			TD Analytical mechanics (بن هجيرة) salle <b>C</b>	TD- Physical crystallography (الله بن بلقاسم خلف) - salle <b>A8</b>	<b>English (Cours)</b>	
	<b>G4</b>			TD Geometric and physical optics (مصطفى بلحاج).- Salle: <b>A7</b>	TD Vibrations and waves (بلغيثار)-Salle: <b>C15</b>		
<b>Monday</b>	<b>G1</b>	<b>Series and differential equations (Cours) – C15</b> (فقيه عبد العالي)	<b>Vibrations and waves (Cours) – C15</b> (عيادي كمال)		TP Numerical methods and programming (فقيه <b>LAB-inf4</b> )	<b>Analytical mechanics (Cours) – C15</b> (بن كران عبد الحكيم)	
	<b>G2</b>			TD Geometric and physical optics(بلحاج مصطفى)- Salle: <b>A7</b>	TD- Series and differential equations (لمقدم سومية)-salle <b>A7</b>		
	<b>G3</b>			TP Numerical methods and programming (فقيه) - LAB-inf4	TD- Series and differential equations (بالحاج) <b>A8</b> -salle		

	<b>G4</b>			<b>TD- Series and differential equations</b> (لمقدم سومية)-salle <b>A8</b>	<b>TD Analytical mechanics</b> ( بن کران عبد الحكيم) salle <b>C15</b>		
<b>Tuesday</b>	<b>G1</b>	<b>TD Geometric and physical optics</b> (ایمان.حسین)- Salle: <b>A7</b>	<b>TD Vibrations and waves</b> -(شیحی اسماعیل)- Salle: A7	<b>TD- Physical crystallography</b> (بلقاسم) A7	<b>TP Vibrations and waves --</b> (نویوة بلسم) - <b>LAB03</b>	<b>TP Geometric and physical optics</b> (منصري عبد المالك)- LAB02	
	<b>G2</b>	<b>TP Geometric and physical optics</b> (السبتی)- LAB02	<b>TP Vibrations and waves --</b> (نویوة بلسم) - <b>LAB03</b>	<b>TP Numerical methods and programming</b> ( فقیهه LAB-inf4	<b>TD Analytical mechanics</b> (مالکی زهيدة) salle <b>A7</b>		
	<b>G3</b>	<b>TD Vibrations and waves</b> (شیحی اسماعیل)- Salle: A8	<b>TD Geometric and physical optics</b> (ایمان.حسین)- Salle: <b>A8</b>	<b>TP Vibrations and waves --</b> (نویوة بلسم) - <b>LAB03</b>	<b>TP Geometric and physical optics</b> ( منصورى ع المالك)- LAB02		
	<b>G4</b>	<b>TP Vibrations and waves --</b> (نویوة بلسم) - <b>LAB03</b>	<b>TP Numerical methods and programming</b> LAB-inf4(فقیهه)	<b>TP Geometric and physical optics</b> (السبتی)- LAB02	<b>TD- Physical crystallography</b> (الله) (بن بلقاسم خلف) - salle <b>A8</b>		
<b>Wednesday</b>							
<b>Thursday</b>	<b>G1</b>	<b>Analytical mechanics</b> (Cours) – <b>C15</b> (بن کران عبد الحكيم)	<b>Geometric and physical optics</b> (Cours) – <b>C15</b> (عیادی کمال)	<b>Numerical methods and programming</b> (Cours) – <b>C15</b> (لخضر بوسته)			
	<b>G2</b>						

	<b>G3</b>						
	<b>G4</b>						

**Department of Physics--- --- Specialty: L2 Physic .**  
**Academic year: 2024/2025. Semester: 02 -**

Time		08h00-09h30	09h40-11h10	11h20 – 12h50	13h50 – 15h20	15h30 – 17h00	17h30 – 18h00
<b>Saturday</b>							
<b>Sunday</b>	<b>G1</b>	<b>Complex Variable Function (Cours) – C15</b> (نويوة)	<b>Thermodynamics (Cours) – C15</b> (بالحاج مصطفى)	<b>TD Thermodynamics</b> (.بالحاج) - Salle: <b>A7</b>			<b>English (Cours)</b>
	<b>G2</b>				<b>TD- Complex Variable Function</b> (نويوة)-Salle: <b>A7</b>	<b>TD Concept of Astronomy and Astrophysics</b> Salle: A7 (بلغيثار الحاج)	
	<b>G3</b>			<b>TP Thermodynamics</b> (.بلغيثار الحاج) - LAB01	<b>TD- Fluid Mechanics -</b> (جعفر محجوبي) - salle <b>A8</b>	<b>TD- Complex Variable Function</b> (نويوة) )-Salle: <b>C15</b>	
	<b>G4</b>			<b>TD- Complex Variable Function</b> A 8)-salle (نويوة)	<b>TP Thermodynamics</b> (.بلغيثار الحاج) - LAB01	<b>TD- Fluid Mechanics -</b> (جعفر محجوبي): <b>A8</b>	
<b>Monday</b>	<b>G1</b>	<b>Thermodynamics (Cours) – C15</b> بالحاج مصطفى	<b>Electromagnetism (Cours) – C15</b> (شحي اسماعيل)	<b>TD- Fluid Mechanics -</b> (فقيه عبد العالي) salle <b>A7</b>	<b>TP Thermodynamics</b> - بلغيثار الحاج LAB01	<b>Concept of Astronomy and Astrophysics (Cours) – C15</b> (بالغيثار الحاج)	
	<b>G2</b>			<b>TP Thermodynamics</b> (.بلغيثار الحاج) - LAB01	<b>TD- Fluid Mechanics -</b> (فقيه عبد العالي) -salle <b>A7</b>		

	G3			TD Thermodynamics (.)- Salle: A8 عياط (.			
	G4			TP General electronics (محسن حسين) LAB02			
Tuesday	G1	TP General electronics (محسن حسين) LAB02	TD Electromagnetism (شبحي اسماعيل)-Salle: A7	TD Concept of Astronomy and Astrophysics Salle: A7(منصري)	TD - Quantum mechanics A7(بن الزاير هجيرة) -salle		
	G2	TD Electromagnetism منصري (Salle: <b>A7</b> )	TD - Quantum mechanics A8(بن الزاير هجيرة) -salle	TD Thermodynamics (فقيه عبد العالي)- <b>C15</b>			
	G3	TD Electromagnetism (اسماعيل شبحي ) -Salle: <b>A8</b>	TP General electronics (محسن حسين) LAB02	TD - Quantum mechanics A7 (بن الزاير هجيرة) - salle <b>A8</b>	TD Concept of Astronomy and Astrophysics Salle: <b>C15</b> (منصري)		
	G4	TD - Quantum mechanics <b>C15</b> (بن الزاير هجيرة) salle	TD Concept of Astronomy and Astrophysics Salle: C15 (منصري)	TD Electromagnetism (Salle: <b>C15</b> زنخري)	-TD - Thermodynamics (فقيه عبد العالي) <b>A8</b>		
Wednes day	G1	General electronics (Cours) – <b>C15</b> (محسن حسين)	TD- Complex Variable Function A7)-salle (( بن كران				
	G2		TP General electronics (محسن حسين) LAB02				



	G3						
	G4						
Thursda y	G1	<b>Fluid Mechanics</b> <b>(Cours) - C15</b> (سوداني محمد البار)	<b>Quantum</b> <b>mechanics</b> <b>(Cours) - C15</b> (بن الزاير هجيرة)				
	G2						
	G3						
	G4						

**Department of Physics--- --- Specialty: Fundamental physics**

**. Semester: 06 - 2024/2025**

<b>Time</b>	<b>08h00-09h30</b>	<b>09h40-11h10</b>	<b>11h20 – 12h50</b>	<b>13h50 – 15h20</b>	<b>15h30 – 17h00</b>	<b>17h30 – 18h00</b>
<b>Saturday</b>						
<b>Sunday</b>	<b>Solid state physics (L) L. Mohammadi</b>	<b>Solid state physics (L) L. Mohammadi</b>	<b>Nuclear physics (L) T. Chohra</b>	<b>Nuclear physics (T) T. Chohra</b>		
<b>Monday</b>	<b>Atomic physics (PW) L. Khodja</b>	<b>Solid state physics (PW) K. Belakroum</b>	<b>Solid state physics (T) L. Mohammadi</b>	<b>Nuclear physics (PW) T. Chohra</b>		
<b>Tuesday</b>	<b>Atomic physics (L) L. Khodja</b>	<b>Atomic physics (T) L. Khodja</b>	<b>Plasma physics (L) L. Khiari</b>	<b>Plasma physics (T) L. Khiari</b>		
<b>Wednesday</b>						
<b>Thursday</b>	<b>Scientific english</b>	<b>Ethics</b>	<b>Heat transfer (L) O. Baba Hani</b>	<b>Heat transfer (T) O. Baba Hani</b>		

**Department of Physics--- --- L3 Fundamental physics.**

**Academic year: 2024/2025. Semester: 05 -**

**Classroom D9**

<b>Time</b>	<b>08h00-09h30</b>	<b>09h40-11h10</b>	<b>11h20 – 12h50</b>	<b>13h50 – 15h20</b>	<b>15h30 – 17h00</b>	<b>17h30 – 18h00</b>
<b>Saturday</b>						
<b>Sunday</b>			<b>Quantum Mechanics 2 (L) B.Nouioua</b>	<b>Quantum Mechanics 2 (L) B.Nouioua</b>	<b>Quantum Mechanics 2 (T) B. Nouioua</b>	
<b>Monday</b>	<b>Special relativity (L) H. Benzair</b>	<b>Special relativity (T) H. Benzair</b>	<b>Special functions for physics (L) A. Naam</b>	<b>Statistical physics (T) D. Zenkhri</b>	<b>Entreprenariat</b>	
<b>Tuesday</b>	<b>Biophysics (L) A. Mansri</b>	<b>Biophysics (T) A. Mansri</b>	<b>Special functions for physics (T) A. Naam</b>	<b>Electromagnetic waves (T) S. Chihi</b>	<b>Numerical Physics (PW)</b>	
<b>Wednesday</b>						
<b>Thursday</b>	<b>Electromagnetic waves (L) S. Chihi</b>	<b>Electromagnetic waves (L) S. Chihi</b>	<b>Statistical physics (L) L. Khiari</b>	<b>Statistical physics (L) L. Khiari</b>	<b>Numerical Physics (PW)</b>	

**Department of Physics--- --- Specialty: M1 Energy Physics(.M1 )**

**Academic year: 2024/2025. Semester: 01 –**

**- D6 -**

<b>Time</b>	<b>08h00-09h30</b>	<b>09h40-11h10</b>	<b>11h20 – 12h50</b>	<b>13h50 – 15h20</b>	<b>15h30 – 17h00</b>	<b>17h30 – 18h00</b>
<b>Saturday</b>	Thermodynamic (Course) –Hall: D6 .L.Mahamedi	Thermodynamic (Course) –Hall: D6 .L.Mahamedi	Numerical Methods I (DW) – Hall: D6 N.Settou	Scientific English and technic (Course) – Hall: D6 H.Bouguettaia		
<b>Sunday</b>	Fluid mechanics I (Course) – Hall: D6 M.Tekha	Fluid mechanics I (Course) – Hall: D6 M.Tekha	Fluid mechanics I (DW) – Hall: D6 H.Mahcene	Numerical Methods I (Course) – Hall: D6 N.Settou		
<b>Monday</b>	H transfer I (Course) – Hall: D6 S.Boughali	H transfer I (Course) – Hall: D6 S.Boughali	Fluid mechanics I (DW) – Hall: D6 H.Mahcene	Thermodynamic (DW) –Hall: D6 .L.Mahamedi	Thermodynamic (DW) –Hall: D6 .L.Mahamedi	
<b>Tuesday</b>	Fluid mechanics I (PW) – Lab: 9 H.Mahcene	Fluid mechanics I (PW) – Lab: 9 H.Mahcene	Thermodynamic (PW) – Lab: 9 .A.Ezzine	H transfer I (DW) – Hall: D6 S.Boughali	H transfer I (DW) – Hall: D6 S.Boughali	
<b>Wednesday</b>						
<b>Thursday</b>	TP Méthodes numériques (TP) – LAB-inf4 L Ben Mabrouk	TP Méthodes numériques (TP) – LAB-inf4.L Ben Mabrouk				



**Department of Physics--- Specialty: M1 Energy Physics(.M1 )**  
**Academic year: 2024/2025. Semester: 02 -**

**(D06)**

18h00 – 17h00	17h00 – 15h30	15h20 – 13h50	12h50 – 11h20	11h10 – 09h40	09h30 – 08h00	التوقيت
						السبت
		Ethics and professional conduct (Course) ستو نور الدين	Fluid mechanicsII Tutorials محسن حسين	Fluid mechanicsII (Course) تخة محمد	Fluid mechanicsII (Course) تخة محمد	Sunday
	Numerical methodsII Practical work LAB04(inf) بن مبروك لزهر****	Numerical methodsII Practical work LAB04(inf) بن مبروك لزهر****	Numerical methodsII Tutorials ستو نور الدين	Numerical methodsII (Course) ستو نور الدين	Thermal applied to buildings (Course/Tuto) محسن حسين	Monday
	Energy conversion and storage (Course) سوداني محمد البار	Energy conversion and storage (Course) سوداني محمد البار	Thermal applied to buildings (Course/Tuto) محسن حسين	Heat transferII (Tutorials) بوقطايةحمزة	Heat transferII (Course) بوقطايةحمزة	Tuesday
				Heat transferII (Tutorials) بوقطايةحمزة	Heat transferII (Course) بوقطايةحمزة	Wednesday
			Fluid mechanicsII Practical work Lab 09 الزين عبد الله	Fluid mechanicsII Practical work Lab 09 الزين عبد الله	Energy conversion and storage (Tutorials) سوداني محمد البار	Thursday



## Department of Physics- :Specialty: Medical physics

Semester: 03 - Lecture hall and guided work (**Room D08**)

2024/2025

Time	08h00 – 09h30	09h40-11h10	11h20 – 12h50	13h50 – 15h20	15h30 – 17h00	17h30 – 18h00
Saturday	Laboratory work 1 <b>(practical work)</b> (/)	Laboratory work 1 <b>(practical work)</b> (/)				
Sunday	Detectors and measurement of radiation <b>(Lecture)</b> (Omar Bentouila)	Detectors and measurement of radiation <b>(Lecture)</b> (Omar Bentouila)	Programming language <b>(Lecture)</b> (Ayat Zahia)	Treatment image I <b>(Lecture)</b> (Aiadi Oussama)	Programming language <b>(practical work)</b> (Ayat Zahia)	
Monday	Detectors and measurement of radiation <b>(Tutorials)</b> (Omar Bentouila)	Statistics and Computer science <b>(Lecture)</b> (Douis said)	Statistics and Computer science <b>(practical work)</b> (Douis said)		Radiation physics <b>(Lecture)</b> ( Soumaya Lemkeddem)	
Tuesday	Radiation physics <b>(Tutorials)</b> ( Soumaya Lemkeddem)	Anatomy <b>(Lecture)</b> (Cherif Derdak)	English 1 <b>(Lecture)</b> (Saci Djamel)	Radiation physics <b>(Lecture)</b> ( Soumaya Lemkeddem)		
Wednesday						
Thursday	Methodology <b>(Lecture)</b> (Fekih abdelali)	Treatment image I <b>(Tutorials)</b> (Ayat Zahia)	Treatment image I <b>(practical work)</b> (Ayat Zahia)			



**Department of Physics--- --- Specialty : Theoretical physics (Master 1).**

**Academic year: 2024/2025. Semester: 01 -**

The study begins on 23 /09/2023 and ends on 15/01/2024

(Responsible for the specialty, Pr. Hadjira Benzair /Email:[benzair.hadjira@gmail.com](mailto:benzair.hadjira@gmail.com))

Classroom: A13

Time	08h00-09h30	09h40-11h10	11h20 – 12h50	13h50 – 15h20	15h30 – 17h00	17h30 – 18h00
<b>Saturday</b>						
<b>Sunday</b>	<b>Relativistic Quantum Mechanics (C)</b> Pr. Benzair Hadjira	<b>Relativistic Quantum Mechanics (C)</b> Pr. Benzair Hadjira	<b>Relativistic Quantum Mechanics (TD)</b> Pr. Benzair Hadjira	<b>Advanced quantum mechanics 1 (C)</b> Pr. Ab. Benkerane	<b>Quantum Field Theory 1 (TD)</b> Pr. Lamin Khodja	
<b>Monday</b>	<b>Advanced quantum mechanics 1 (TD)</b> Pr. Ab. Benkerane	<b>Quantum Field Theory 1 (C)</b> Pr. Lamin Khodja	<b>Statistical physics 1</b> Pr. DJ. ZENKHRI	<b>Statistical physics 1</b> Pr. DJ. ZENKHRI		
<b>Tuesday</b>	<b>Groups and symmetry in physics (C)</b> Pr. H. Tarad	<b>Groups and symmetry in physics (TD)</b> Pr. H. Tarad	<b>Mathematical method for physics (TD)</b> Pr. Lamin Khodja	<b>Mathematical method for physics (C)</b> Pr. Lamin Khodja		
<b>Wednesday</b>						
<b>Thursday</b>	<b>Numerical methods (C)</b> Pr. Douis Saaid	<b>Numerical methods (TP)</b> Pr. Douis Saaid		<b>Scientific and technical English</b> Pr. Lamin Khodja		

**Department of Physics--- --- Specialty : Theoretical physics (Master 2).**

**Academic year: 2024/2025. Semester: 02 -**

The study begins on 23 /01/2025 and ends on 15/05/2025

(Responsible for the specialty, Pr. Hadjira Benzair /Email:[benzair.hadjira@gmail.com](mailto:benzair.hadjira@gmail.com))

Classroom: A13

Time	08h00-09h30	09h40-11h10	11h20 – 12h50	13h50 – 15h20	15h30 – 17h00	17h30 – 18h00
<b>Saturday</b>						
<b>Sunday</b>	<b>Path integral (C)</b> Pr. Benzair Hadjira	<b>Path integral (C)</b> Pr. Benzair Hadjira	<b>Relativité Générale (TD)</b> Pr. Lamin Khodja	<b>Advanced quantum mechanics 2 (TD)</b> Pr. Ab. Benkerane		
<b>Monday</b>	<b>Relativité Générale (C)</b> Pr. Lamin Khodja	<b>Advanced quantum mechanics 2(C)</b> Pr. Ab. Benkerane	<b>Quantum Field Theory 2 (C)</b> Pr. Lamin Khodja	<b>Quantum Field Theory 2 (TD)</b> Pr. Lamin Khodja		
<b>Tuesday</b>	<b>Statistical physics 2</b> Pr. DJ. ZENKHRI	<b>Statistical physics 2</b> Pr. DJ. ZENKHRI	<b>Topology and differential geometry (TD)</b> Pr. H. Tarad	<b>Topology and differential geometry (C)</b> Pr. H. Tarad		
<b>Wednesday</b>						
<b>Thursday</b>	<b>Scientific software and artificial intelligence (C)</b> Pr. Ab. Benssayeh	<b>Scientific software and artificial intelligence (TP)</b> Pr. Ab. Benssayeh		<b>Legislation</b> Pr. S. Nouredine		

## Department of Physics- :Specialty: Meteorology physics

**Academic year: 2024/2025. Semester: 01 - Lecture hall and guided work**

(Responsible for the specialty Mr-----)

Time	08h00 – 09h30	09h40-11h10	11h20 – 12h50	13h50 – 15h20	15h30 – 17h00	17h30 – 18h00
Saturday						
Sunday	Atmospheric Physics (Lecture /TD)–Salle Khodja Sebti	Atmospheric Physics (tutorial classes)–Salle Khodja Sebti	Numerical Methods and Applications 1 (Lecture)–Salle Douis	Numerical Methods and Applications 1 (Practical work)–Salle Douis		
Monday	Atmospheric Physics (Lecture) Khodja Sebti	Atmospheric Dynamics (Lecture /TD) Fekih Abdellali	Atmospheric Dynamics (tutorial classes) Fekih Abdellali	New and renewable energies (Lecture) Fekih Abdellali		
Tuesday	Thermodynamics (Practical work) Mohcene hocine	Thermodynamics (Practical work) Mohcene Hocine	Statistical Meteorology (Lecture) Fekih abdellali	Statistical Meteorology (Tutorial classes) Fekih Abdellali		
Wednesday	Instruments and Observation technics (Practical work)–Salle Douadi	Instruments and Observation technics (Practical work)–Salle Douadi	Synoptic Meteorology (Lecture )–Salle Fekih Abdellali	Synoptic Meteorology (tutorial classes)–Salle Fekih Abdellali		
Thursday	Scientific and technical English (Lecture)	psychopedagogy (Lecture)				

# قسم الفيزياء --- تخصص: سنة أولى ماستر فيزياء طبية

. السداسي: الثاني- قاعة المحاضرات والأعمال الموجهة(القاعة D08)

2024/2025

18h00 – 17h00	17h00 – 15h30	15h20 – 13h50	12h50 – 11h20	11h10 – 09h40	09h30 – 08h00	التوقيت
			Laboratory work 2 (PW) قوادري مصطفىاوي ع القادر	Laboratory work 2 (PW) قوادري مصطفىاوي ع القادر	Laboratory work 2 (PW) قوادري مصطفىاوي ع القادر	السبت
		Radiation sources (Lecture) نعام آمال	Radiation sources (Lecture) نعام آمال	Radiobiology (Lecture) بن حلوش سعدية	Radiobiology (Lecture) بن حلوش سعدية	الأحد
	Dosimetry of ionizing radiation (Lecture) قوادري مصطفىاوي عبدالقادر	Dosimetry of ionizing radiation (Tutorial) قوادري مصطفىاوي عبدالقادر	Radiation sources (Tutorial) شهرة ثورية	Éthique et déontologie de travail (Cours) دبي بشيرة	Radiobiologie (Tutorial) بن حلوش سعدية	الاثنين
		Dosimetry of ionizing radiation (Lecture) قوادري مصطفىاوي عبدالقادر	Anglais 2 (Lecture) نعام آمال	Introduction to Artificial Intelligence Methods (PW) LAB04(inf) عياط زهية	Introduction to Artificial Intelligence Methods (Lecture) عياط زهية	الثلاثاء
			Image processing II (Lecture) خالد بن الصيد	Image processing II (PW) LAB04(inf) خالد بن الصيد		الأربعاء
						الخميس

**Department of Physics--- --- Specialty: Energy Physics. M2**

**Academic year: 2024/2025. Semester: 01 -**

**D7**

<b>Time</b>	<b>08h00-09h30</b>	<b>09h40-11h10</b>	<b>11h20 – 12h50</b>	<b>13h50 – 15h20</b>	<b>15h30 – 17h00</b>	<b>17h30 – 18h00</b>
<b>Saturday</b>						
<b>Sunday</b>	Applied thermodynamics (PW) Lab-04 .H.Mahcene	Applied thermodynamics (PW) Lab-04 .H.Mahcene	<b>Heat Transfert III G01 (DW) Hall: D7. D. Bechki</b>	Applied fluid mechanics (Course) . Hall D7 .N. Settou		
<b>Monday</b>	Applied thermodynamics (Course) Hall D7 M.E.Soudani	Applied thermodynamics (DW) Hall D7.M.E.Soudani		<b>Legislation (Course)</b>	Energy and environment .(Course).Hall: D7 H.Belghithar	
<b>Tuesday</b>	Combined heat and mass transfer (Course) .Hall D7.////	Combined heat and mass transfer (DW) Hall D7 .////	Applied thermodynamics (course) Salle: D7 M.E.Soudani	Numerical modeling and simulations (PW) G01- Lab-inf4 L. Ben Mabrouk .....		
<b>Wednesday</b>						
<b>Thursday</b>	Applied fluid mechanics (Cours) Hall D7.N. Settou	Combined heat and mass transfer (Course) Hall D7.////	<b>Heat Transfert III (Course) . Hall D7 . D. Bechki</b>	<b>Heat Transfert III (Course) .Hall D7. D. Bechki</b>		

## Department of Physics- :Specialty: Medical physics

**Academic year: 2024/2025. Semester: 03 - Lecture hall and guided work (Room D08)**

(Responsible for the specialty Mr. BENHAMIDA Soufiane ./Email:benhamidas9@gmail.com.)

Time	08h00 – 09h30	09h40-11h10	11h20 – 12h50	13h50 – 15h20	15h30 – 17h00	17h30 – 18h00
<b>Saturday</b>	Physical radiotherapy <b>(Lecture)</b> (Kouadri Mostfaoui abdelkader)	Physical radiotherapy <b>(Lecture)</b> (Kouadri Mostfaoui abdelkader)	Physical radiotherapy <b>(Tutorial)</b> (Kouadri Mostfaoui abdelkader)	Clinical radiotherapy <b>(Lecture)</b> (Kouadri Mostfaoui abdelkader)		
<b>Sunday</b>	Medical image physics and nuclear medicine <b>(Lecture)</b> (Benhalouche Saadia)	Medical image physics and nuclear medicine <b>(Lecture)</b> Benhalouche Saadia)	Medical image physics and nuclear medicine <b>(Tutorial)</b> Benhalouche Saadia)	Clinical radiotherapy <b>(Lecture)</b> (Kouadri Mostfaoui abdelkader)		
<b>Monday</b>	Application of artificial intelligence in medical physics <b>(Lecture)</b> (Ayat Zahia)	Application of artificial intelligence in medical physics <b>(practical work)</b> (Ayat Zahia)	Radiation modeling in medical physics <b>(Lecture)</b> (Ayat Zahia)	Radiation modeling in medical physics <b>(practical work)</b> (Ayat Zahia)		
<b>Tuesday</b>	Clinical radiotherapy <b>(Lecture)</b> (Kouadri Mostfaoui abdelkader)	English 3 <b>(Lecture)</b> (Aiadi Kmael Eddine)	Practical internship <b>(practical work)</b> (Kouadri Mostfaoui abdelkader)	Practical internship <b>(practical work)</b> (Kouadri Mostfaoui abdelkader)		
<b>Wednesday</b>						
<b>Thursday</b>	Radiation protection in hospital environments <b>(Lecture)</b> (Kouadri Mostfaoui abdelkader)	Programming language <b>(practical work)</b> (Ayat Zahia)				

**Department of Physics--- --- Specialty: 3<sup>rd</sup> Energy Physics**

**Academic year: 2024/2025. Semester: S6**

(Responsible for the specialty Mr. Belhadj Mohamed Mostepha./Email:[mhmu\\_belhadj@yhao.com](mailto:mhmu_belhadj@yhao.com))

**Second semester**

Time	08h00-09h30	09h40-11h10	11h20 – 12h50	13h50 – 15h20	15h30 – 17h00
Saturday					
Sunday	<b>Radiation and matter (Course/DW; D5) Dr. Ben Belkacem Khalafallah</b>		<b>Heat Transfer 2 (Course; D5) Dr. Belhadj Mohamed Mostepha</b>	<b>Tech English (Course; D5) Pr: Bougali Suleiman</b>	
Monday	<b>Numerical methods applied to energetic 2 (Course; D5) Pr. Marif Yacine</b>	<b>Heat Transfer 2 (Course; D5) Dr. Belhadj Mohamed Mostepha</b>	<b>Heat Transfer 2 (DW; D5) Dr. Belhadj Mohamed Mostepha</b>	<b>Numerical methods applied to energetic 2 (PW; Labo04) Pr. Marif Yacine</b>	
Tuesday	<b>Applied thermodynamics (Course; D5) Dr. Tekha Mohamed</b>	<b>Hear Transfer (PW; Labo01) Dr. Belhadj Mohamed Mostepha</b>	<b>Fluid mechanics 3 (Course; D5) Es. Zine Adedallah</b>		
Wednesday	<b>Applied thermodynamics (Course; D5) Dr. Tekha Mohamed</b>	<b>Applied thermodynamics (DW; D5) Dr. Tekha Mohamed</b>	<b>Day meeting</b>		
Thursday	<b>Energy conversion (Course; D5) Pr: Bougali Suleiman</b>	<b>Fluid mechanics 3 (Course; D5) Es. Zine Adedallah</b>	<b>Fluid mechanics 3 (DW; D5) Es. Zine Adedallah</b>		

Number of teaching materials 08

**Department of Physics--- --- Specialty: Master 1 Materials Physics**  
**Academic year: 2024/2025. Semester: 02 - Lectures (L) and Tutorials (T) (Hall...B10 )**

<b>Time</b>	<b>08h00-09h30</b>	<b>09h45-11h10</b>	<b>11h20 – 12h50</b>	<b>13h10 – 14h40</b>	<b>14h50 – 16h20</b>	<b>16h30 – 16h00</b>
<b>Saturday</b>						
<b>Sunday</b>	<b>Elaboration des matériaux en couches minces (L)</b> <i>Belakroum Karima</i>	<b>Elaboration des matériaux en couches minces (T)</b> <i>Belakroum Karima</i>	<b>Modélisation et simulation numérique 2 (L)</b> <i>Douis Said</i>			
<b>Monday</b>	<b>Physique quantique du solide (L)</b> <i>Boukraa Aomar</i>	<b>Physique quantique du solide (T)</b> <i>Boukraa Aomar</i>	<b>Modélisation et simulation numérique 2 (TP)</b> <i>Douis Said</i>			
<b>Tuesday</b>	<b>Techniques spectroscopiques (L)</b> <i>Babahani Oumelkheir</i>	<b>Techniques spectroscopiques (L)</b> <i>Babahani Oumelkheir</i>	<b>Transformation de phase dans les matériaux (L)</b> <i>Tidjani Med Elkhames</i>	<b>Transformation de phase dans les matériaux (T)</b> <i>Tidjani Med Elkhames</i>		
<b>Wednesday</b>	<b>Phénomène de Diffusion (L)</b> <i>Belakroum Karima</i>	<b>Phénomène de Diffusion (T)</b> <i>Belakroum Karima</i>				
<b>Thursday</b>	<b>Techniques spectroscopiques (T)</b> <i>Babahani Oumelkheir</i>	<b>Traitement du signal (TP)</b> <i>Benbelgacem Khalfallah</i>	<b>Traitement du signal (TP)</b> <i>Benbelgacem Khalfallah</i>		<b>Ethique et déontologie (L)</b> .....	





## Timetable of first year Matter Sciences of the first semester 2024/2025

		08:00 – 09:30	09:40 – 11:10	11:20 – 12:50	13:50 – 15:20	15:30 – 17:00
Sunday	<b>Amphi A</b>	<b>English 1 (Course)</b> Section A <b>(D. Hadef)</b>	<b>Physics 1 (Course)</b> Section B <b>(L. Mohammedi)</b>	<b>Physics 1 (Course)</b> Section A <b>(L. Mohammedi)</b>	<b>Discovery 1 (Environment - Course)</b> Section B <b>(A. Khedraoui)</b>	
	Classroom C2	<b>Tutorials (TD) Math1 / Gr B1</b> <b>(M. Bouaziz)</b>	<b>Tutorials (TD) Math1 / Gr A1</b> <b>(M. Bouaziz)</b>	<b>Tutorials (TD) Math1 / Gr B2</b> <b>(M. Bouaziz)</b>		
	Classroom C3		<b>Tutorials (TD) Phys1/Gr A2</b> <b>(S. Benhmida)</b>	<b>Tutorials (TD) Phys1/ Gr B1</b> <b>(S. Benhmida)</b>		
	Classroom C4	<b>Tutorials (TD) Chemistry 1/ Gr B2</b> <b>(K. Mekadem)</b>	<b>Tutorials (TD) Chemistry 1/Gr A6</b> <b>(K. Mekadem)</b>	<b>Tutorials (TD) Chemistry 1/Gr B4</b> <b>(K. Mekadem)</b>		
	Classroom B8	<b>Tutorials (TD) Math1/Gr B5</b> <b>(A. Guerfi)</b>		<b>Tutorials (TD) Math1 / Gr B6</b> <b>(A. Guerfi)</b>		
	physics lab	<b>PW (TP) Phys.1 / Gr B4</b> <b>(M. Atoui / D. Zenkhri)</b>	<b>PW (TP) Phys.1/ Gr A5</b> <b>(M. Atoui / A. Aiachi Omar)</b>	<b>PW (TP) Phys.1 / Gr B3</b> <b>(M. Atoui / A. Aiachi Omar)</b>		
	chemistry lab	<b>PW (TP) Chemistry 1/Gr B3</b> <b>(M. Ouazzani ; I. Daoui)</b>	<b>PW (TP) Chemistry 1/ Gr A4</b> <b>(M. Ouazzani ; I. Daoui)</b>	<b>PW (TP) Chemistry 1/Gr B5</b> <b>(M. Ouazzani ; I. Daoui)</b>		
Computer lab	<b>PW (TP) / Gr B6 Computer Science</b> <b>(A. Douadi)</b>	<b>PW (TP) / Gr A3 Computer Science</b> <b>(A. Douadi)</b>				
Monday	<b>Amphi A</b>	<b>English 1 (Course)</b> Section B <b>(D. Hadef)</b>	<b>Physics 1 (Course)</b> Section A <b>(L. Mohammedi)</b>	<b>Physics 1 (Course)</b> Section B <b>(L. Mohammedi)</b>	<b>Computer Science 1 (Course)</b> Section A <b>(R. Bouanane)</b>	
	Classroom C2	<b>Tutorials (TD) Phys1/Gr A5</b>	<b>Tutorials (TD) Phys1/Gr B3</b>	<b>Tutorials (TD) Phys1/Gr A6</b>		

		<b>(M. Atoui)</b>	<b>(M. Atoui)</b>	<b>(M. Atoui)</b>		
	Classroom C3		<b>Tutorials (TD) Chemistry 1/Gr B5 (A. Hassani)</b>	<b>Tutorials (TD) Chemistry 1/ Gr A3 (A. Hassani)</b>		
	Classroom C4		<b>Tutorials (TD) Phys1/Gr B2 (K. Salhi)</b>	<b>Tutorials (TD) Phys1 /Gr A1 (K. Salhi)</b>	<b>Tutorials (TD) Phys1/Gr B6 (K. Salhi)</b>	
	physics lab	<b>PW (TP) Phys.1/ Gr A4 (Benkrane / A. Aiachi Omar)</b>	<b>PW (TP) Phys.1 / Gr B1 (S. Benhmida / A. Aiachi Omar)</b>	<b>PW (TP) Phys.1 / Gr A2 (S. Benhmida / A. Aiachi Omar)</b>		
	chemistry lab	<b>PW (TP) Chemistry 1/Gr A2 (A. Khedraoui ; A. Gheriani)</b>	<b>PW (TP) Chemistry1/ Gr B6 (A. Khedraoui ; A. Gheriani)</b>	<b>PW (TP) Chimie1/ Gr A5 (A. Khedraoui ; A. Gheriani)</b>		
	Computer lab	<b>PW (TP) / Gr A1 Computer Science (A. Zendi)</b>	<b>PW (TP) / Gr B4 Computer Science (A. Zendi)</b>	<b>PW (TP) / Gr A4 Computer Science (A. Zendi)</b>		
	<b>Amphi A</b>	<b>Chemistry 1 (Course) Section A (A. Hassani)</b>	<b>Chemistry 1 (Course) Section B (A. Hassani)</b>	<b>Discovery 1 (Environment - Course) Section A (A. Khedraoui)</b>	<b>Computer science 1 (Course) Section B (R.Bouanane)</b>	
	Classroom C2	<b>Tutorials (TD) Phys1/Gr B4 (I. Hassain)</b>	<b>Tutorials (TD) Phys1/Gr A4 (I. Hassain)</b>			
	Classroom C3	<b>Tutorials (TD) Chemistry 1/Gr B3 (S. Atia)</b>	<b>Tutorials (TD) Chemistry 1/ Gr A2 (S. Atia)</b>			
	Classroom C4	<b>Tutorials (TD) Chemistry 1 / Gr B1 (A. Benmenine)</b>	<b>Tutorials (TD) Chemistry 1 Gr A5 (A. Benmenine)</b>			
	physics lab	<b>PW (TP) Phys.1 / Gr B6 (K. Salhi / Benkrane)</b>	<b>PW (TP) Phys1 / Gr A1 (K. Salhi / Benkrane)</b>	<b>PW (TP) Phys.1 / Gr B2 (K. Salhi / Benkrane)</b>		
	Computer lab	<b>PW (TP) / Gr B5 Computer Science (A. Zendi)</b>	<b>PW (TP) / Gr A6 Computer Science (A. Zendi)</b>	<b>PW (TP) / Gr B1 Computer Science (A. Zendi)</b>		
	<b>Amphi A</b>	<b>Chemistry 1 (Course) Section B (A. Hassani)</b>	<b>Chemistry 1 (Course) Section A (A. Hassani)</b>	<b>Mathematics 1 Course) Section B (A. Bouad)</b>	<b>Mathematics 1 Course) Section A (A. Bouad)</b>	
	Classroom C2	<b>Tutorials (TD) Phys1/Gr A3 (I. Hassain)</b>	<b>Tutorials (TD) Phys1/ Gr B5 (I. Hassain)</b>			
Tuesday						
Wednesday						

	Classroom C3	<b>Tutorials (TD) Chemistry 1/Gr A4 (A. Bouguerra)</b>	<b>Tutorials (TD) Chemistry 1/Gr B6 (A. Bouguerra)</b>	<b>Tutorials (TD) Chemistry 1/Gr A1 (A. Bouguerra)</b>		
	Classroom C4	<b>Tutorials (TD) Math1/Gr A2 (M. Bouaziz)</b>	<b>Tutorials (TD) Math1/Gr B3 (M. Bouaziz)</b>	<b>Tutorials (TD) Math1/Gr A5 (M. Bouaziz)</b>		
	Classroom C12	<b>Tutorials (TD) Math1/ Gr A6 (B. Mansoul)</b>	<b>Tutorials (TD) Math1/Gr B4 (B. Mansoul)</b>			
	chemistry lab	<b>PW (TP) Chemistry 1/Gr A1 (I. Aouadj ; M. Melouli)</b>	<b>PW (TP) Chemistry 1/Gr B1 (I. Aouadj ; M. Melouli)</b>	<b>PW (TP) Chemistry 1/Gr A3 (I. Aouadj ; M. Melouli)</b>		
	Computer lab		<b>PW (TP) / Gr B2 Computer Science (M. Boucetta)</b>	<b>PW (TP) / Gr A2 Computer Science (M. Boucetta)</b>		
Thursday	<b>Amphi A</b>	<b>Mathematics 1 (Course)/Section A (A. Bouad)</b>	<b>Mathematics 1 Course)/Section B (A. Bouad)</b>			
	Classroom C2		<b>Tutorials (TD) Math1/Gr A4 (R. Rezzagbara)</b>	<b>Tutorials (TD) Math1/Gr A3 (R. Rezzagbara)</b>		
	physics lab	<b>PW (TP) Phys1 / Gr B5 (I. Hassain / D. Zenkhri)</b>	<b>PW (TP) Phys.1 / Gr A3 (I. Hassain / D. Zenkhri)</b>	<b>PW (TP) Phys.1 / Gr A6 (D. Zenkhri / Benkrane)</b>		
	chemistry lab	<b>PW (TP) Chemistry 1/Gr B2 (Y. Bouhadja ; M. Hamoudi)</b>	<b>PW (TP) Chemistry 1/Gr A6 (Y. Bouhadja ; M. Hamoudi)</b>	<b>PW (TP) Chemistry 1/ Gr B4 (Y. Bouhadja ; M. Hamoudi)</b>		
	Computer lab		<b>PW (TP) / Gr A5 Computer Science (M. Boucetta)</b>	<b>PW (TP) / Gr B3 Computer Science (M. Boucetta)</b>		



## Timetable of first year Matter Sciences of the second semester 2024/2025

		08:00 – 09:30	09:40 – 11:10	11:20 – 12:50	13:50 – 15:20
Sunday	<b>Amphi A</b>	<b>Discovery 2 (Renewable Energies -Course) Section A (L. Benmebrouk)</b>	<b>Physics 2 (Course) Section B (S. Lemkeddem)</b>	<b>Physics 2 (Course) Section A (S. Lemkeddem)</b>	<b>English 2 (Course) Section B (S. Djeddar)</b>
	Classroom C2	<b>Tutorials (TD) Math2 / Gr B1 (M. Bouaziz)</b>	<b>Tutorials (TD) Math2 / Gr A1 (M. Bouaziz)</b>		
	Classroom C3	<b>Tutorials (TD) Chemistry 2/Gr B5 (A. Benmenine)</b>	<b>Tutorials (TD) Phys1/Gr A2 (S. Benhmida)</b>	<b>Tutorials (TD) Phys1/ Gr B1 (S. Benhmida)</b>	
	Classroom C4	<b>Tutorials (TD) Chemistry 2/ Gr B2 (M. Benali)</b>	<b>Tutorials (TD) Chemistry 2/Gr A6 (M. Benali)</b>		
	physics lab	<b>PW (TP) Phys.2 / Gr B4 (A. Benkrane / A. Ayachi Omar)</b>	<b>PW (TP) Phys.2/ Gr A5 (A. Benkrane / A. Ayachi Omar)</b>	<b>PW (TP) Phys.2 / Gr B3 (A. Benkrane / A. Ayachi Omar)</b>	
	chemistry lab	<b>PW (TP) Chemistry 2/Gr B3 (M. Ouazzani ; I. Daoui)</b>	<b>PW (TP) Chemistry 2/ Gr A4 (M. Ouazzani ; I. Daoui)</b>	<b>PW (TP) Chemistry 2/Gr B5 (M. Ouazzani ; I. Daoui)</b>	
	Computer lab	<b>PW (TP) / Gr B6 Computer Science 2 (A. Douadi)</b>	<b>PW (TP) / Gr A3 Computer Science 2 (A. Douadi)</b>		
Monday	<b>Amphi A</b>	<b>Chemistry 2 (Course) Section B (S. Atia)</b>	<b>Chemistry 2 (Course) Section A (S. Atia)</b>	<b>Computer science 2 (Course) Section B (R.Bouanane)</b>	<b>English 2 (Course) Section A (S. Djeddar)</b>
	Classroom C2	<b>Tutorials (TD) Phys1/Gr A5 (A. Benkrane)</b>	<b>Tutorials (TD) Phys1/Gr B3 (A. Benkrane)</b>	<b>Tutorials (TD) Phys1/Gr A6 (S. Khodja)</b>	<b>Tutorials (TD) Phys1/Gr B6 (S. Khodja)</b>
	Classroom C3	<b>Tutorials (TD) Math2/Gr A3 (A. Guerfi)</b>	<b>Tutorials (TD) Math2/Gr B5 (A. Guerfi)</b>	<b>Tutorials (TD) Chemistry 2/ Gr A3 (M. Benali)</b>	
	Classroom C4		<b>Tutorials (TD) Phys1/Gr B2 (K. Salhi)</b>	<b>Tutorials (TD) Phys1 /Gr A1 (K. Salhi)</b>	
	physics lab	<b>PW (TP) Phys.2/ Gr A4 (K. Salhi / A. Ayachi Omar)</b>	<b>PW (TP) Phys.2 / Gr B1 (S. Benhmida / A. Ayachi Omar)</b>	<b>PW (TP) Phys.2 / Gr A2 (S. Benhmida / A. Ayachi Omar)</b>	
	chemistry lab	<b>PW (TP) Chemistry 2/Gr A2</b>	<b>PW (TP) Chemistry1/ Gr B6</b>	<b>PW (TP) Chimie1/ Gr A5</b>	

		(A. Gheriani ; N. Bellaour)	(A. Gheriani ; N. Bellaour)	(A. Gheriani ; N. Bellaour)	
	Computer lab	PW (TP) / Gr A1 Computer Science 2 (S. Douis)	PW (TP) / Gr B4 Computer Science 2 (S. Douis)		
Tuesday	Amphi A	Computer Science 2 (Course) Section A (R.Bouanane)	Physics 2 (Course) Section B (S. Lemkeddem)	Physics 2 (Course) Section A (S. Lemkeddem)	Discovery 2 (Renewable Energies - Course) Section B (L. Benmebrouk)
	Classroom C2	Tutorials (TD) Phys1/Gr B4 (I. Hassain)	Tutorials (TD) Phys1/Gr A3 (I. Hassain)		
	Classroom C3	Tutorials (TD) Chemistry 2/Gr B3 (A. Bouguerra)	Tutorials (TD) Chemistry 2/ Gr A2 (A. Bouguerra)		
	Classroom C4	Tutorials (TD) Chemistry 2 / Gr B1 (A. Benmenine)	Tutorials (TD) Chemistry 2 Gr A5 (A. Benmenine)		
	Classroom C12	Tutorials (TD) Math2 / Gr B6 (A. Guerfi)	Tutorials (TD) Math2/Gr A4 (A. Guerfi)		
	physics lab	PW (TP) Phys.2 / Gr B2 (S. Khodja / K. Salhi)	PW (TP) Phys1 / Gr A1 (S. Khodja / K. Salhi)	PW (TP) Phys.2 / Gr B6 (K. Salhi / D. Zenkhri)	
	Computer lab	PW (TP) / Gr B5 Computer Science 2 (S. Douis)	PW (TP) / Gr A6 Computer Science 2 (S. Douis)	PW (TP) / Gr B1 Computer Science 2 (S. Tili)	PW (TP) / Gr A4 Computer Science 2 (S. Tili)
Wednesday	Amphi A	Chemistry 2 (Course) Section B (S. Atia)	Chemistry 2 (Course) Section A (S. Atia)	Mathematics 2 Course) Section B (A. Bouad)	Mathematics 2 Course) Section A (A. Bouad)
	Classroom C2	Tutorials (TD) Chemistry 2/Gr A4 (A. Bouguerra)	Tutorials (TD) Chemistry 2/Gr B6 (A. Bouguerra)		
	Classroom C3	Tutorials (TD) Math2/Gr A2 (M. Bouaziz)	Tutorials (TD) Math2/Gr B3 (M. Bouaziz)		
	Classroom C4	Tutorials (TD) Math2/ Gr A6 (I. Lacheheb)	Tutorials (TD) Math2/Gr B4 (I. Lacheheb)		
	physics lab	PW (TP) Phys.2 / Gr A3 (I. Hassain / D. Zenkhri)	PW (TP) Phys1 / Gr B5 (I. Hassain / D. Zenkhri)	PW (TP) Phys.2 / Gr A6 (D. Zenkhri / A. Benkrane)	
	chemistry lab	PW (TP) Chemistry 2/Gr A1 (I. Aouadj ; M. Melouli)	PW (TP) Chemistry 2/Gr B1 (I. Aouadj ; M. Melouli)	PW (TP) Chemistry 2/Gr A3 (I. Aouadj ; M. Melouli)	
	Computer lab	PW (TP) / Gr A5 Computer Science 2 (M. Boucetta)	PW (TP) / Gr B2 Computer Science 2 (M. Boucetta)		
Thursday	Amphi A	Mathematics 2 (Course)/Section A (A. Bouad)	Mathematics 2 Course)/Section B (A. Bouad)		

	Classroom C2	<b>Tutorials (TD) Phys1/ Gr B5 (D. Zenkhri)</b>	<b>Tutorials (TD) Phys1/Gr A4 (D. Zenkhri)</b>		
	Classroom C3		<b>Tutorials (TD) Chemistry 2/Gr A1 (A.Hassani)</b>	<b>Tutorials (TD) Chemistry 2/Gr B4 (A.Hassani)</b>	
	Classroom C4	<b>Tutorials (TD) Math2 / Gr B2 (I. Lacheheb)</b>	<b>Tutorials (TD) Math2/Gr A5 (I. Lacheheb)</b>		
	chemistry lab	<b>PW (TP) Chemistry 2/Gr B4 (Y. Bouhadja ; M. Hamoudi)</b>	<b>PW (TP) Chemistry 2/Gr A6 (Y. Bouhadja ; M. Hamoudi)</b>	<b>PW (TP) Chemistry 2/ Gr B2 (Y. Bouhadja ; M. Hamoudi)</b>	
	Computer lab	<b>PW (TP) / Gr B3 Computer Science 2 (M. Boucetta)</b>	<b>PW (TP) / Gr A2 Computer Science 2 (M. Boucetta)</b>		