



# Kasdi Merbah University

## 1 st Year License RE

	8:00 - 9:30 8:00	9:40 - 11:10 9:40	11:20 - 12:50 11:20	13:10 - 14:40 13:10	14:50 - 16:20 14:50	16:30 - 18:00 16:30
<b>Saturday</b>	Group 1 <b>DW/ Structure of matter</b> Room 24	<b>C/ Physics 1</b>  Auditorium B  1 st Year License RE	<b>PW/ Computer science</b> Labo 11	<b>C/ Careers in science and technology 1</b>  Auditorium B  1 st Year License RE	<b>C/ Math 1</b>  Auditorium B  1 st Year License RE	<b>PW/ Chemistry 1</b> Labo 08
<b>Sunday</b>	Group 1 <b>PW/ Physics 1</b> Labo 18	<b>C/ Structure of matter</b>  Auditorium B  1 st Year License RE	<b>DW/ Math 1</b> Room 23	<b>C/ Computer Science</b>  Auditorium B  1 st Year License RE	<b>C/ Computer science</b>  Auditorium B  1 st Year License RE	
						Group 2 <b>DW/ Structure of matter</b> Room 24
<b>Monday</b>	<b>C/ Math 1</b>  Auditorium B  1 st Year License RE	<b>C/ Physics 1</b>  Auditorium B  1 st Year License RE	Group 1 <b>PW/ Chemistry 1</b> Labo 08			
<b>Tuesday</b>	Group 1 <b>DW/ Physics 1</b> Room 23	<b>C/ Structure of matter</b>  Auditorium B  1 st Year License RE		<b>C/ Ethics and professional conduct</b>  Auditorium B  1 st Year License RE		
<b>Wednesday</b>		Group 2 <b>DW/ Physics 1</b> Room 23		Group 2 <b>PW/ Physics 1</b> Labo 11		
<b>Thursday</b>		Group 2 <b>DW/ Math 1</b> Room 23	Group 2 <b>PW/ Computer science</b> Labo 11			



# Kasdi Merbah University

## 2nd year License Academic RE

	8:00 - 9:30 8:00	9:40 - 11:10 9:40	11:20 - 12:50 11:20	13:10 - 14:40 13:10	14:50 - 16:20 14:50	16:30 - 18:00 16:30
<b>Saturday</b>	PW/ Applied Fluid Mechanics Pr. Hadjadj Group 1 Labo 07	PW/ Applied numerical methods Pr. Belatrache Group 1 Labo 13				
				PW/ Technical drawing Pr. Hadjadj Group 2 Room 21		
<b>Sunday</b>	DW/ Applied Numerical Methods Pr. Belatrache Group 1 Room 34		C/ Applied numerical methods Pr. Belatrache Room 21		PW/ Experiment plan Pr. Koraichi Group 1 Labo 13	C/ Strength of materials Pr. Abidi Room 21
				PW/ ER System simulation software Pr. Dernouni Group 2 Labo 13		
<b>Monday</b>			PW/ ER System simulation software Pr. Dernouni Group 1 Labo 13	C/ Physical and geometrical optics Pr. Gharbi Room 21	C/ Experiment plan Pr. Berbeuh Room 21	
	PW/ Experiment plan Pr. Koraichi Group 2 Labo 13	DW/ Applied Fluid Mechanics Pr. Necib Group 2 Room 21	DW/ Strength of materials Pr. Abidi Group 2 Room 21			
<b>Tuesday</b>	DW/ Applied Fluid Mechanics Pr. Necib Group 1 Room 21		DW/ Strength of materials Pr. Abidi Group 1 Room 21	C/ Applied thermodynamics Pr. Zoubeidi Room 21		
			DW/ Applied Numerical Methods Pr. Belatrache Group 2 Room 34			
<b>Wednesday</b>				C/ Technical English Pr. Belatrache Room 21		PW/ Technical drawing Pr. Hadjadj Group 1 Room 21
	PW/ Applied Fluid Mechanics Pr. Hadjadj Group 2 Labo 07		DW/ Applied thermodynamics Pr. Zoubeidi Group 2 Room 21			
<b>Thursday</b>		DW/ Applied thermodynamics Pr. Zoubeidi Group 1 Room 21	C/ Materials science in renewable energies Pr. Zoubeidi Room 21	C/ Applied Fluid Mechanics Pr. Necib Room 21		C/ Industrial electricity Pr. Bensaci Room 21



# Kasdi Merbah University

## 3rd year License RE

	8:00 - 9:30 8:00	9:40 - 11:10 9:40	11:20 - 12:50 11:20	13:10 - 14:40 13:10	14:50 - 16:20 14:50	16:30 - 18:00 16:30
<b>Saturday</b>	<b>C/ Wind systems</b>  Pr. Dernouni      Room 33		<b>PW/ Photovoltaic and wind power</b>  Pr. Koraichi      Labo 15		<b>DW/ Wind systems</b>  Pr. Dernouni      Room 33	<b>DW/ Photovoltaic Systems</b>  Pr. Ammari      Room 33
<b>Sunday</b>			<b>C/ Renewable Energy Metrology</b>  Pr. Gharbi      Room 33	<b>C/ Environment and hard development</b>  Pr. Zoubeidi      Room 33	<b>PW/ Internship in company</b>  Pr. Benmenine      Room 33	
<b>Monday</b>		<b>C/ Solar Materials</b>  Pr. Gharbi      Room 33	<b>C/ Photovoltaic Systems</b>  Pr. Ammari      Room 33	<b>C/ Business project management</b>  Pr. Ammari      Room 33	<b>DW/ Solar Thermal</b>  Pr. Bouchekima      Room 33	
<b>Tuesday</b>	<b>C/ Solar Thermal</b>  Pr. Bouchekima      Room 33		<b>PW/ Regulation and control</b>  Pr. Hachana      Labo 17			
<b>Wednesday</b>						
<b>Thursday</b>	<b>C/ Geothermal energy and other forms of energy renewable</b>  Pr. Hadjadj      Room 33		<b>PW/ Solar Thermal</b>  Pr. Koraichi      Labo 15		<b>DW/ Geothermal energy and other forms of energy renewable</b>  Pr. Hadjadj      Room 33	



# Kasdi Merbah University

## 1st year Master RE in mechanics

	8:00 - 9:30 8:00	9:40 - 11:10 9:40	11:20 - 12:50 11:20	13:10 - 14:40 13:10	14:50 - 16:20 14:50	16:30 - 18:00 16:30
<b>Saturday</b>	<b>DW/ Renewable energies and energy issues</b>  Pr. Berbeuh      Room 34	<b>C / Applied Numerical Methods</b>  Pr. Necib      Room 33	<b>C/ Solar towers and chimneys</b>  Pr. Dernouni      Room 34			
<b>Sunday</b>		<b>C/ RE regulations and standards</b>  Pr. Berbeuh      Room 34				
<b>Monday</b>	<b>C/ Advanced Thermodynamics</b>  Pr. Hadjadj      Room 33	<b>PW/ Applied Numerical Methods</b>  Pr. Koraichi      Labo 13				<b>DW/ Advanced Thermodynamics</b>  Pr. Hadjadj      Room 34
<b>Tuesday</b>	<b>PW/ Renewable Deposits and Meteorology Practical Work</b>  Pr. Zoubeidi      Labo 15			<b>DW/ Applied Numerical Methods</b>  Pr. Necib      Room 34		
<b>Wednesday</b>			<b>DW/ Renewable Deposits and Meteorology</b>  Pr. Benmenine      Room 33	<b>DW/ Advanced Fluid Mechanics</b>  Pr. Rouag      Room 34	<b>C/ Technical English and</b>  Room 33  1st year Master RE in mechanics	<b>C/ Advanced Fluid Mechanics</b>  Pr. Rouag      Room 34
<b>Thursday</b>	<b>C/ Renewable energies and energy issues</b>  Pr. Berbeuh      Room 34			<b>C/ Advanced Fluid Mechanics</b>  Pr. Rouag      Room 34	<b>C/ Renewable Deposits and Meteorology</b>  Pr. Benmenine      Room 21	



# Kasdi Merbah University

## 1st year Master RE In Electrotechnics

	8:00 - 9:30 8:00	9:40 - 11:10 9:40	11:20 - 12:50 11:20	13:10 - 14:40 13:10	14:50 - 16:20 14:50	16:30 - 18:00 16:30
<b>Saturday</b>			<b>PW / Electric energy transmission and distribution networks</b>  Pr. Aboub                      Labo 13	<b>C / Applied numerical methods and optimization</b>  Pr. Belahdj                      Room 12	<b>PW/ Advanced power electronics</b>  Pr. Aboub                      Labo 13	
<b>Sunday</b>		<b>C/ Electric energy transmission and distribution networks</b>  Pr. Abada                      Room 12				<b>C/ Advanced electronic machines</b>  Pr. Khentout                      Room 12
<b>Monday</b>		<b>DW/ Applied numerical methods and optimization</b>  Pr. Belahdj                      Room 12		<b>DW/ Advanced electronic machines</b>  Pr. Khentout                      Room 12	<b>PW/ Advanced electronic machines</b>  Pr. Ammari                      Labo 13	
<b>Tuesday</b>		<b>C / Advanced power electronics</b>  Pr. Khentout                      Room 21	<b>C / <math>\mu</math>-processors and <math>\mu</math>-controllers</b>  Pr. Aboub                      Room 12	<b>C/ Technical English and</b>  Room 12  1st year Master RE In Electrotechnics		
<b>Wednesday</b>		<b>C/ Renewable Energies</b>  Pr. Benmenine                      Room 21		<b>DW / Electric energy transmission and distribution networks</b>  Pr. Abada                      Room 12	<b>PW/ <math>\mu</math>-processors and <math>\mu</math>-controllers</b>  Labo 13  1st year Master RE In Electrotechnics	
<b>Thursday</b>					<b>DW / Advanced power electronics</b>  Pr. Bensaci                      Room 12	<b>PW/ Applied numerical methods and optimization</b>  Labo 13  1st year Master RE In Electrotechnics



# Kasdi Merbah University

## 1st year Master RE In Green Hydrogen

	8:00 - 9:30 8:00	9:40 - 11:10 9:40	11:20 - 12:50 11:20	13:10 - 14:40 13:10	14:50 - 16:20 14:50	16:30 - 18:00 16:30
<b>Saturday</b>	<b>C/ Energy systems and hydrogen chemistry</b>  Pr. Zoubeidi      R09			<b>DW/ Mathematical tools and bases of artificial intelligence</b>  Pr. Merbati      R09		
<b>Sunday</b>		<b>C/Basics of industrial regulation of risky processes</b>  Pr. Ammari      R09				<b>PW/ Power electronics</b>  Labo 13  1st year Master RE In Green Hydrogen
<b>Monday</b>			<b>C/ Technical English</b>  R09  1st year Master RE In Green Hydrogen	<b>DW/ Energy systems and hydrogen chemistry</b>  Pr. Zoubeidi      R09		<b>DW/ Energy conversion</b>  Pr. Koraichi      R09
<b>Tuesday</b>		<b>C/ Mathematical tools and bases of artificial intelligence</b>  Pr. Merbati      R09	<b>PW/Basics of industrial regulation of risky processes</b>  Pr. Ammari      Labo 13		<b>DW/ Basics of industrial regulation of risky processes</b>  Pr. Ammari      R09	<b>C/ Basics of Electrical Engineering and Semiconductor Engineering</b>  Pr. Ammari      R09
<b>Wednesday</b>		<b>PW/Basics of Electrical Engineering and Semiconductor Engineering</b>  Pr. Ammari      Labo 13			<b>C/ Power electronics</b>  Pr. Khentout      Room 21	<b>C/ Seminars: Sustainable Development and Energy Transition</b>  Pr. Benmenine      R09
<b>Thursday</b>			<b>C/ Hydrogen Electrochemistry and Batteries</b>  Pr. Berbeuh      R09		<b>PW/ Energy systems and hydrogen chemistry</b>  Pr. Maammeur      Labo 08	<b>C/ Energy conversion</b>  Pr. Koraichi      R09



# Kasdi Merbah University

## 2nd year Master RE in mechanics

	<b>8:00 - 9:30</b> 8:00	<b>9:40 - 11:10</b> 9:40	<b>11:20 - 12:50</b> 11:20	<b>13:10 - 14:40</b> 13:10	<b>14:50 - 16:20</b> 14:50	<b>16:30 - 18:00</b> 16:30
<b>Saturday</b>					<b>C/ Technical Economic Study and RE Project</b>  Pr. Daden                      Room 12	<b>DW/ Solar Photovoltaics and its Applications</b>  Pr. Maammeur                      Room 12
<b>Sunday</b>	<b>C/ Technical Economic Study and RE Project</b>  Pr. Daden                      Room 12		<b>C/ Energy Audit</b>  Pr. Bouchekima                      Room 12	<b>DW/ Fuel Cells and Hydrogen Production</b>  Pr. Maammeur                      Room 12		<b>PW/ Solar Cooling and Air Conditioning</b>  Pr. Hadjadj                      Labo 08
<b>Monday</b>	<b>C/ Maintenance of Renewable Energy Systems</b>  Pr. Maammeur                      Room 12		<b>C/ Energy and Thermal Efficiency in Buildings</b>  Pr. Bouchekima                      Room 12		<b>C/ Fuel Cells and Hydrogen Production</b>  Pr. Maammeur                      Room 12	<b>DW/ Energy and Thermal Efficiency in Buildings</b>  Pr. Bouchekima                      Room 12
<b>Tuesday</b>		<b>DW/ Working Fluid Materials and Storage Devices</b>  Pr. Berbeuh                      Room 12			<b>C/ Documentary research and thesis design</b>  Pr. Rouag                      Room 21	<b>C/ Solar Photovoltaics and its Applications</b>  Pr. Maammeur                      Room 12
<b>Wednesday</b>	<b>C/ geothermal</b>  Pr. Dernouni                      Room 21		<b>PW/ Simul and sizing software for ER installations</b>  Pr. Dernouni                      Labo 13		<b>C/ Working Fluid Materials and Storage Devices</b>  Pr. Berbeuh                      Room 12	
<b>Thursday</b>		<b>C / Heat exchanger</b>  Pr. Hadjadj                      Room 12				



# Kasdi Merbah University

## 2nd year Master RE In Electrotechnics

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<b>Saturday</b>		<b>C/ Integration of Renewable Energies into Electrical Networks</b>  Pr. Abada                  Room 12				
<b>Sunday</b>	<b>DW/ Applications and Sizing of Renewable Energy Systems</b>  Pr. Ammari                  Room 21			<b>C/ Control of renewable energy systems</b>  Pr. Aboub                  Room 21	<b>C/ Multi-Source Renewable Energy Systems</b>  Pr. Abada                  Room 12	
<b>Monday</b>		<b>C/ Thermal and energy efficiency</b>  Pr. Benmenine                  Room 34	<b>DW/ Multi-Source Renewable Energy Systems</b>  Pr. Abada                  Room 08	<b>PW/ Control of renewable energy systems</b>  Labo 13  <small>2nd year Master RE In Electrotechnics</small>		<b>PW/ Maintenance and reliability of RE systems</b>  Pr. Aboub                  Labo 13
<b>Tuesday</b>				<b>C/ Applications and Sizing of Renewable Energy Systems</b>  Pr. Ammari		<b>C/ Documentary research and dissertation design</b>  Pr. Rouag                  Room 21
<b>Wednesday</b>	<b>PW/ Energy storage</b>  Pr. Aboub                  Labo 13		<b>DW/ Control of renewable energy systems</b>  Pr. Aboub                  Room 12			<b>C/ Political, Economic and Social Aspects of Renewable Energy</b>  Pr. Abada                  Room 12
<b>Thursday</b>	<b>C/ Maintenance and reliability of RE systems</b>  Pr. Aboub                  Room 12	<b>DW/ Integration of Renewable Energies into Electrical Networks</b>  Pr. Abada                  Room 33	<b>PW/ Applications and Sizing of Renewable Energy Systems</b>  Pr. Ammari                  Labo 13	<b>C/ Energy storage and fuel cell</b>  Pr. Berbeuh                  Room 33		





# Kasdi Merbah University

## 2nd year Master RE In Green Hydrogen

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<b>Saturday</b>	<b>PW/ Multi-physics modeling and supervision of hybrid RE systems</b>  Pr. Ammari      Room 12		<b>C/ multi-physics modeling and supervision of hybrid RE systems</b>  Pr. Ammari      Room 12	<b>DW/Techno-economic study, resilience of hybrid RE systems</b>  Pr. Maammeur		
<b>Sunday</b>						
<b>Monday</b>		<b>PW/ Techno-economic study, resilience of hybrid RE systems.</b>  Pr. Maammeur				
<b>Tuesday</b>	<b>DW/ multi-physics modeling and supervision of hybrid RE systems</b>  Pr. Ammari      Room 12	<b>PW/ Management of hybrid RE systems</b>  Pr. Abada      Labo 13	<b>C/ Management of hybrid RE systems</b>  Pr. Abada      R09			<b>C/Recycling and eco-design, Energy efficiency in buildings</b>  2nd year Master RE In Green Hydrogen
<b>Wednesday</b>	<b>DW/ Management of hybrid RE systems</b>  Pr. Abada      R09	<b>PW/ Internships (Integrative project)</b>  Pr. Rouag			<b>C/ LHSL Sciences.</b>  2nd year Master RE In Green Hydrogen	
<b>Thursday</b>		<b>C/Techno-economic study, resilience of hybrid RE systems</b>  Pr. Maammeur		<b>C/ Hybridization and smart grid technology thermal management of SHENR, management of operating modes</b> 2nd year Master RE In Green Hydrogen		