

# MASTER: CHEMICAL PROCESSES ENGINEERING

## CURRICULA

### FIRST YEAR, SEMESTER I

No.	Discipline	Hours / week				CP	Eval. E/V/P
		C	S	L	P		
Compulsory Discipline (O)							
1	Inorganic Chemistry and Characterisation of Inorganic Compounds	1	0	1	0	3	E
2	Organic Chemistry and Characterisation Techniques of Organic Compounds	1	0	1	0	3	E
3	Biochemistry	1	1	0	0	2	V
4	Bioinformatics	1	0	1	0	2	V
5	Chemical Speciation and Sample Preparation	1	0	1	0	2	V
6	Applied Physical Chemistry	1	0	1	0	2	V
7	Chemistry and Characterisation of Materials I	1	0	1	0	3	E
8	Chemistry and Characterisation of Materials II	1	0	1	0	3	E
9	Scientific Research I	0	0	10	0	10	V
<b>TOTAL compulsory disciplines (O)</b>		<b>8</b>	<b>1</b>	<b>16</b>	<b>0</b>	<b>30</b>	

### FIRST YEAR, SEMESTER II

No.	Discipline	Hours / week				CP	Eval.
		C	S	L	P		
Compulsory Discipline (O)							
1	Chemical Contaminants	2	0	1		3	V
2	Instrumental Analysis I	1	0	1		3	E
3	Forensic Sciences - Judiciary Expertise	1	2	0		4	E
4	Pharmacology – Drug Effects	1	0	2		4	E
5	Toxicology	1	0	1		3	V
6	Notion of Information and Communication Technology	1	2	0		3	V
7	Scientific Research II	0	0	10		10	V
<b>TOTAL compulsory disciplines (O)</b>		<b>7</b>	<b>4</b>	<b>16</b>	<b>0</b>	<b>30</b>	

### SECOND YEAR, SEMESTER I

No.	Discipline	Hours / week				CP	Eval.
		C	S	L	P		
Compulsory Discipline (O)							
1	Statistical analysis	1	0	1	0	3	
2	Cyber Security and Techniques of Investigation used in ITC – ITC Protection	1	1	0	0	3	
3	Chemical expertise of material evidences	1	1	2	0	4	
4	Management and legal protection of intellectual property	1	1	0	0	3	
5	Criminalistic Expertise – procedures ad methods	1	0	2	0	4	
6	Instrumental analysis II	1	0	2	0	3	
7	Scientific Research III	0	0	10	0	10	
<b>TOTAL compulsory disciplines (O)</b>		<b>6</b>	<b>3</b>	<b>16</b>	<b>0</b>	<b>30</b>	

### SECOND YEAR, SEMESTER II

No.	Discipline	Hours / week				CP	Eval.
		C	S	L	P		
Compulsory Discipline (O)							
	<i>Scientific research IV</i>	0	0	30	0	30	C
<b>TOTAL compulsory disciplines (O)</b>		<b>0</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>30</b>	