

SUBJECT: Artificial intelligence in business			
GRADO: Bachelor in Informatics Engineering		COURSE: 4	CUATRIMESTRE: 1
PROFESORES: Agapito Ledezma / José Antonio Iglesias.		Año: 2020 – 2021	

PLANIFICACIÓN SEMANAL DE LA ASIGNATURA										
WEEK	SESSION	DAY	DESCRIPTION	GROUP		TYPE	2 Teachers Session	WEEKLY PROGRAMMING FOR STUDENT		
				BIG	SMALL			DESCRIPTION	CLASS HOURS	HOMEWORK HOURS
1	1	14/9	Presentation of the Subject	X		On-line Master Class	NO	<ul style="list-style-type: none"> Reading Docent Guide 	1,66	7
	2	15/9 17/9 18/9	Unit 1: Intelligent Systems <ul style="list-style-type: none"> Context. Key Characteristics Main Techniques 		X	Face-to-face	NO	<ul style="list-style-type: none"> Reading Chapter 1 (AIH – Bibliografía básica) Reading Chapter 12 (12.2 y 12.3) (DSBIS – Bibliografía básica) Study of the concepts taught 	1,66	
2	3	21/9	Unit 2: Expert Systems <ul style="list-style-type: none"> General Overview Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> Reading Chapter 12 (DSBIS – Bibliografía básica) Study of the concepts taught SPOC Activities 	1,66	7

	4	22/9 24/9 25/9	Introducción a las prácticas semanales y final		X	On-line Small group	SI	<ul style="list-style-type: none"> Final Project discussion and creation of the student's groups. 	1,66	
3	5	28/9	Unit 3: Artificial Neural Networks <ul style="list-style-type: none"> General Overview Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> Reading Chapter 6 (DSBC – Bibliografía básica) Study of the concepts taught. SPOC Activities 	1,66	7
	6	29/9 1/10 2/10	Short Practice 1 (1/2): Artificial Neural Networks (ANN)		X	On-line Small group	SI	<ul style="list-style-type: none"> Short Practice - ANN 	1,66	
4	7	23/9	Unit 4: Genetic Algorithms <ul style="list-style-type: none"> General Overview Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> Reading Chapter 13 (13.4) (DSBIS – Bibliografía básica) Study of the concepts taught. SPOC Activities 	1,66	7
	8	6/10 8/10 9/10	Short Practice 1 (2/2): <ul style="list-style-type: none"> Artificial Neural Networks (ANN) 		X	On-line Small group	NO	<ul style="list-style-type: none"> Short Practice - ANN 	1,66	
5	9	14/10	Unit 5. Data Mining <ul style="list-style-type: none"> General Overview Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> Reading Chapter 5 (13.5) (DSBIS – Bibliografía básica) Study of the concepts taught SPOC Activities 	1,66	7
	10	13/10 15/10 16/10	Short Practice 2 (1/2): Data Mining.		X	On-line Small group	SI	<ul style="list-style-type: none"> Short Practice – Data Mining 	1,66	

6	11	7/10	Unit 6. Text Mining <ul style="list-style-type: none"> General Overview Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> Reading Chapter 7 (DSBIS – Bibliografía básica) Study of the concepts taught SPOC Activities 	1,66	7
	12	20/10 22/10 23/10	Short Practice 2 (2/2): Data Mining.		X	On-line Small group	NO	<ul style="list-style-type: none"> Short Practice – Data Mining 	1,66	
7	13	26/10	Unit 7. Web Mining: <ul style="list-style-type: none"> General Overview Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> Reading Chapter 7 (DSBIS – Bibliografía básica) Study of the concepts taught. SPOC Activities 	1,66	7
	14	27/10 29/10 30/10	Final Project- Evaluation		X	On-line Small group	SI	<ul style="list-style-type: none"> Explanation of the final project (philosophy, regulations, and requirements) 	1,66	
8										7
	15	3/11 5/11 6/11	Continuous Evaluation Exam 1.		X	Face-to-face	NO	<ul style="list-style-type: none"> Continuous Evaluation Exam - Study 	1,66	
9	16	9/11	Unit 8: Lógica Difusa: <ul style="list-style-type: none"> General Overview Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> Reading Chapter 13 (DSBIS – Bibliografía básica) Study of the concepts taught. SPOC Activities 	1,66	7
	17	10/11 12/11 13/11	Short Practice 3: <ul style="list-style-type: none"> Lógica Difusa 		X	On-line Small group	NO	<ul style="list-style-type: none"> Realización de una práctica semanal relacionada con Lógica Difusa. 	1,66	

10	18	4/11	Unit 9. Agents: <ul style="list-style-type: none"> • General Overview • Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> • Reading Chapter 13 (13.7) (DSBIS – Bibliografía básica) • Study of the concepts taught • SPOC Activities 	1,66	7
	19	17/11 19/11 20/11	<u>Continuous Evaluation Exam - Practice</u>		X	Face-to-face	NO	<ul style="list-style-type: none"> • Continuous Evaluation Exam - Study 	1,66	
11	20	23/11	Webinar: Other Techniques <ul style="list-style-type: none"> • General Overview • Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> • Units Development • Study of the concepts taught 	1,66	7
	21	24/11 26/11 27/11	<u>Tutorías grupales</u>		X	On-line Small group	NO	<ul style="list-style-type: none"> • Final Project Development 	1,66	
12	22	30/11	Webinar: Other Techniques <ul style="list-style-type: none"> • General Overview • Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> • Units Development • Study of the concepts taught 	1,66	7
	23	1/12 3/12 4/12	<u>Tutorías grupales</u>		X	On-line Small group	NO	<ul style="list-style-type: none"> • Final Project Development 	1,66	
13	24	9/12	Webinar: Other Techniques <ul style="list-style-type: none"> • General Overview • Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> • Units Development • Study of the concepts taught 	1,66	7
	25	X/12 10/12 11/12	Final Project: Defense		X	On-line Small group	NO	<ul style="list-style-type: none"> • Final Project Defense 	1,66	
14	26	14/12	Webinar: Other Techniques <ul style="list-style-type: none"> • General Overview • Case studies 	X		On-line Master Class	NO	<ul style="list-style-type: none"> • Units Development • Study of the concepts taught 	1,66	7

	27	15/12 17/12 18/12	Final Project: Defense		X	Reducido en-línea	NO	Final Project Defense	1,66		
15	28	12/12 13/12	Continuous Evaluation Exam 2.	X		Face-to-face	NO	Continuous Evaluation Exam - Study	1,66	7	
									Subtotal 1	46,48	105
									Class Hours + Homework hours. Weeks 1 -14		151,48

Sesión 29: Semana 13