

## SURVEY OF SCIENCE LIFE SCIENCE

<b>Code du cours</b> Course Code			<b>Titre du cours</b> Course title					
BAC.EAINA.OTEDS. 1032			<b>SURVEY OF SCIENCE LIFE SCIENCE</b>					
<b>Crédits</b> Credits		<b>Période d'enseignement</b> Teaching period					<b>Année Académique</b> Academic Year	
6		fall, spring					2022/2023	
<b>Charge de travail</b> Student workload	<b>Synchrone /</b> Synchronous	<b>Asynchrone /</b> Asynchronous	<b>Travail en</b> équipe Team work	<b>Activités</b> pédagogiques / Pedagogical activities	<b>Travail</b> personnel Personal work	<b>Coaching</b>	<b>Evaluation</b>	<b>Charge totale de travail</b> Total workload
	39	0	0	0	0	0	6	45
<b>Programme</b> Program			Global BBA					
<b>Discipline</b> Discipline								
<b>Module</b>			-					
<b>Type de cours</b> Course type			core					
<b>Campus</b>			Barcelone, Belo Horizonte, Lille, Sophia					
<b>Campus partenaire</b>								
<b>Course open to</b> students in exchange								
<b>Langue</b> d'enseignement Teaching language		Anglais / English						
<b>Responsable du</b> cours Course leader			GRASSELLI Yan					
<b>Pré-Requis</b> Prerequisite			None					
<b>Nom des</b> intervenants par campus Instructor(s) names by campus	Belo Horizonte							
	Lille							
	Paris							
	Raleigh							
	Sophia			DIMANCHE Christine - MOCQUET Christophe				
	Stellenbosch- Le Cap							
	Suzhou							
	Nanjing							

	Barcelone			
	Other			

<b>Descriptif du cours / Course description</b>	Facilitates student understanding of laws, phenomena, and processes of cellular and human biology, and to address selected current topics in ecology and environmental science.	
<b>Thèmes / Topics</b>		
<b>Résultats d'apprentissage / Intended Learning Outcomes and Skills</b>	<p><b>A l'issue de la formation, vous serez capable de / As a result of this module, you will be able to:</b></p> <p><b>Connaissances / Knowledge and Understanding (subject specific)</b> Learn more about life science (Evolution, Ecology, Global change, Physiological processes)</p> <p><b>Aptitudes cognitives / Cognitive skills</b> Use his critical thinking, Work in groups, Discover potential multi skills. Improve ability to communicate using illustrations</p> <p><b>Attitudes / Key transferable skills</b> Use critical thinking Work in groups Improve ability to communicate using illustrations</p> <p><b>Ethical and social understanding</b></p>	
<b>Contribution aux objectifs pédagogiques du programme / Contribution to learning objectives</b>	Indiquer les learning objectives auxquels contribue le cours (en se basant sur le curriculum mapping du programme) / Indicate which learning objectives the course contributes to (based on the program curriculum mapping)	
	LO4.1 : To assess a business issue and to formulate solutions : LG4 : Graduates should be able to think critically and to demonstrate awareness of ethical considerations	
	Cours soumis à évaluation dans le cadre de l'Assurance of Learning pour l'année en cours ?	Non / No
<b>Evaluation des étudiants / Student Assessment</b>	<b>Evaluation finale (DS)</b>	40%
	<b>Final examination</b>	
	(Précisez la nature pour l'évaluation finale / Explain type for final examination)	
	Cliquez ici pour entrer du texte.	
	<p>QCM - Quiz:</p> <p>Epreuve sur table - Supervised exam:</p> <p>Présentation orale - Presentation:</p> <p>Rapport écrit/Dissertation - Report / Dissertation:</p> <p>Participation - Class participation:</p> <p><b>Autre, précisez / Other, precise:</b></p>	

	<b>Contrôle continu</b> <b>Continuous Assessment</b>		<b>60%</b>
	préciser nature / Explain type		
	<p>Cliquez ici pour entrer du texte.</p> <p>QCM - Quiz:</p> <p>Epreuve sur table - Supervised exam:</p> <p>Présentation orale - Presentation:</p> <p>Rapport écrit/Dissertation - Report / Dissertation:</p> <p>Participation - Class participation:</p> <p><b>Autre, précisez / Other, precise:</b></p>		Nb midterms : 2
<b>Méthodes d'enseignement</b> <b>Teaching Methods</b>	<b>Format de cours / Course format</b>		
	Cours magistral / Lecture		
	<b>Autre, précisez / Other, precise:</b>		
	<b>Activités d'apprentissage / Learning activities</b>		
	Cours interactifs / Interactive lectures - Projet / Project-based learning - Personal guided study		
<b>Plan de cours</b> <b>Course Plan</b>	<p>1.The theory of Evolution Natural selection, Darwin, Evolutionary scenarios</p> <p>2 .Ecology Ecosystems, Inter-individual relationships, Behavioral ecology</p> <p>3. Biogeography Biotic and abiotic factors, different biomes on Earth</p> <p>Challenges on chapters 1 to 3</p> <p>Mid Term 1 (on chapters 1 to 3) followed by correction and discussion</p> <p>4. The Cell Unicity, Organization, Energy, Information from DNA to proteins</p> <p>5. Breathing and Respiration Respiratory systems, control, cellular respiration</p> <p>6. Immune system Activity of the immune system, Immune deficiencies</p> <p>7. Heredity &amp; Genetics Chromosomes, genes, segregation, Mendel</p> <p>Challenges on chapters 4 to 7</p> <p>Mid Term 2 (on chapters 4 to 7) followed by correction and discussion</p>		

	<p>7. Impact of Mankind on the Planet (1) Process, Effects</p> <p>7. Impact of Mankind on the Planet (2) How to react: mitigation and adaptation</p> <p>Challenges on all chapters</p> <p>Final exam on all chapters</p>
<b>Référence Académique / Academic reference</b>	
<b>Site(s) web / Web site(s)</b>	
<b>Licence(s) informatique(s)/ Computer licenses</b>	

	Modalités de délivrance du cours (par campus si différent) Course delivery modes (per campus if different)					
<b>Nombre CM Amphi / Number of Lectures</b>	<b>Durée CM Amphi (en heures) / Lecture duration (in hours)</b>	<b>Nombre TD / Number of Tutorial classes</b>	<b>Durée TD (en heures) / Tutorial class duration (in hours)</b>	<b>Asynchrone / Asynchronous</b>	<b>Autres (Distance learning, etc...) (en heures) / Other (in hours)</b>	<b>Préciser les spécificités de programmation (TD journée, cadencement spécifique des séances) / Specify if full-day tutorial class, different schedules</b>
	Campus Sophia					
0	0	13	3	0	0	