

TECHNOLOGY, SOCIETY AND ENVIRONMENT

Code du cours Course Code BAC.EAINA.OTHUM .2200			Titre du cours Course title TECHNOLOGY, SOCIETY AND ENVIRONMENT					
Crédits Credits 6		Période d'enseignement Teaching period fall, spring					Année Académique Academic Year 2022/2023	
Charge de travail Student workload	Synchrone / Synchronous	Asynchrone / Asynchronous	Travail en équipe Team work	Activités pédagogiques / Pedagogical activities	Travail personnel Personal work	Coaching	Evaluation	Charge totale de travail Total workload
	39	0	0	0	0	0	6	45
Programme Program			Global BBA					
Discipline Discipline								
Module			-					
Type de cours Course type			core					
Campus			Sophia					
Campus partenaire								
Course open to students in exchange								
Langue d'enseignement Teaching language		Anglais / English						
Responsable du cours Course leader			GRASSELLI Yan					
Pré-Requis Prerequisite			NONE					
Nom des intervenants par campus Instructor(s) names by campus	Belo Horizonte							
	Lille							
	Paris							
	Raleigh							
	Sophia				PAITEL Erwan			
	Stellenbosch- Le Cap							
	Suzhou							
	Nanjing							

	Barcelone			
	Other			

Descriptif du cours / Course description	<p>This course will allow students the opportunity to understand how life in a modern society can adversely affect the environment and what are the main challenges for change. The underlying themes include assessing the importance and interaction of laws at the national and global level, the interaction of societies, cultures and their respective environments and whether technology is the answer to our environmental dilemmas. At the end of the course a student should be equipped to confidently take a critical approach to current and future issues and tensions.</p>
Thèmes / Topics	
Résultats d'apprentissage / Intended Learning Outcomes and Skills	<p>A l'issue de la formation, vous serez capable de / As a result of this module, you will be able to:</p> <p>Connaissances / Knowledge and Understanding (subject specific) understand how the expectations of life in a modern society is challenging the planet's ability to continue sustaining human consumption and waste etc. Underlying themes include the main forces (positive and negative), impact areas, mitigating actions in place (e.g. environmental law), as well as if technology is part of the solution (or the cause).</p> <p>Aptitudes cognitives / Cognitive skills be able to reflect on the complex issues concerned, debate and challenge 'rigid' mindsets, and use concepts and frame-works intended to enrich decisions made in their future work and personal lives.</p> <p>Attitudes / Key transferable skills be able to explain to others the pertinent issues concerning society and the environment in ways that may be used to influence changes in behaviour and reductions in environmental impact in the workplace and in personal lives.</p> <p>Ethical and social understanding</p>
Contribution aux objectifs pédagogiques du programme / Contribution to learning objectives	<p>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)</p> <p>LO5.1 : To be able to analyse globalization : LG5 : Graduates should be able to understand the various dimensions of globalisation and to evaluate its effects on business</p> <p>Cours soumis à évaluation dans le cadre de l'Assurance of Learning pour l'année en cours ? Non / No</p>

Evaluation des étudiants Student Assessment	Evaluation finale (DS) Final examination		40%
	(Précisez la nature pour l'évaluation finale / Explain type for final examination)		
	Cliquez ici pour entrer du texte.		
	QCM - Quiz: Epreuve sur table - Supervised exam: Présentation orale - Presentation: Rapport écrit/Dissertation - Report / Dissertation: Participation - Class participation:		
	Autre, précisez / Other, precise:		
	Contrôle continu Continuous Assessment		60%
préciser nature / Explain type			
Cliquez ici pour entrer du texte.		Nb midterms : 2	
QCM - Quiz:			
Epreuve sur table - Supervised exam:			
Présentation orale - Presentation:			
Rapport écrit/Dissertation - Report / Dissertation:			
Participation - Class participation:			
Autre, précisez / Other, precise:			
Méthodes d'enseignement Teaching Methods	Format de cours / Course format		
	Cours magistral / Lecture - TD / Tutorials		
	Autre, précisez / Other, precise:		
	Activités d'apprentissage / Learning activities		
Cours interactifs / Interactive lectures - Etudes de cas / Case studies - Personal guided study - Devoirs / Assignments			
Plan de cours Course Plan	01. TSE a story of co-evolution and sustainable development. Getting to know each other. Explanation of the syllabus and class working methodology. A history of technology, society and the environment.		
	02. Human population - growth and migration - Including debate practice		
	03. Human environmental awareness - education, denial, action and ignorance. Who is at fault ? Are humans the root of all environmental problems?		
	04. The Environment and Economics		
	05. Natural resource and energy management; Transition to a low carbon economy		
	06. Tragedy of the commons, resource depletion, global food supplies. Precautionary principle		
	Midterm 1		
07. Waste and pollution. The great Pacific garbage patch.			

	<p>08. Globalization, class essay</p> <p>09. Life Cycle Analysis - an introduction to this "life-changing" approach</p> <p>10. Environmental law - policies, statutory vs common law, major acts, issues, penalties. Example cases</p> <p>Midterm 2</p> <p>11. Environmental ethics</p> <p>12. Sustainable tourism</p> <p>13. Changing behaviour and mitigating impact</p> <p>14. Review of the term and preparation for the exam</p> <p>Final Exam</p>
Référence Académique / Academic reference	
Site(s) web / Web site(s)	
Licence(s) informatique(s)/ Computer licenses	

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