

SCHOOL	COURSE NUMBER	CONFIRMED?	COURSE TITLE	PROFESSOR/INSTRUCTOR	SUSTAINABILITY CATEGORY TAG (1, 2, AND/OR 3)	SUSTAINABILITY FOCUSED OR INCLUSIVE?	DESCRIPTION
SCHOOL OF ARTS & SCIENCES	CIMS 103 / ENGL 078	*	Television and New Media	Mukherjee	1	Inclusive	How and when do media become digital? What does digitization afford and what is lost as television and cinema become digitized? As lots of things around us turn digital, have we started telling stories, sharing experiences, and replaying memories differently? What has happened to television and life after New Media? How have television audiences been transformed by algorithmic cultures of Netflix and Hulu? How have (social) media transformed socialities as ephemeral snaps and swiped intimacies become part of the "new" digital/phone cultures? This is an introductory survey course and we discuss a wide variety of media technologies and phenomena that include: cloud computing, Internet of Things, trolls, distribution platforms, optical fiber cables, surveillance tactics, social media, and race in cyberspace. We also examine emerging mobile phone cultures in the Global South and the environmental impact of digitization. Course activities include Tumblr blog posts and Instagram curations. The final project could take the form of either a critical essay (of 2000 words) or a media project.
SCHOOL OF ARTS & SCIENCES	GEOL 103	*	Natural Disturbances and Human Disasters	Phipps	1	Inclusive	Natural disturbances play a fundamental role in sculpturing landscapes and structuring natural and human-based ecosystems. This course explores the natural and social science of disturbances by analyzing their geologic causes, their ecological and social consequences, and the role of human behavior in disaster reduction and mitigation. Volcanoes, earthquakes, floods, droughts, fires, and extraterrestrial impacts are analyzed and compared.
COLLEGE OF LIBERAL & PROFESSIONAL STUDIES	CLCH 160		Oceanography	Dmochowski	1, 2	Inclusive	This course is designed to provide an overview of geological, chemical, and physical oceanography. It is constructed such that all students (irrespective of their major area of study) can learn about the oceans. Through frequent individual and group assignments, readings, video lectures, and collaborative discussions, students are exposed to the major areas of oceanography including marine geology, physical oceanography, and marine chemistry. This includes the following themes: plate tectonics (particularly as it pertains to the making, shaping, and disruptions of the global ocean), marine provinces, marine sediments, seawater chemistry, air-sea interactions and ocean circulation (particularly as they pertain to climate change), waves and water dynamics, tides, renewable ocean energy, and beaches and shoreline processes.
COLLEGE OF LIBERAL & PROFESSIONAL STUDIES	CLCH 220		Atmospheric Science	Andrews	1	Focused	The study of atmospheric science includes the prediction of weather and climate change as well as their impact on society. Designed to provide an understanding of the fundamentals of atmospheric science at the local, regional, and global levels, this course covers the nature, composition, and structure of the atmosphere, its interactions with other parts of the Earth, and the major chemical mechanisms controlling the occurrence and mobility of air pollutants in the atmosphere. Course topics also include global atmospheric composition, ecosystems, living organisms, and environmentally important atmospheric species such as greenhouse gases, stratospheric ozone, acid precipitation, urban smog, and air toxins.
COLLEGE OF LIBERAL & PROFESSIONAL STUDIES	CLCH 230		Climate Change	Bordeaux	1	Focused	Climate change is happening right now! Climate change is a hoax this is normal variation! Climate change is something we can worry about in 50 to 100 years, no need to worry about it now. On an almost daily basis we are bombarded by mixed messages about climate in the media. Who is right? What is the truth? This course will examine the cryosphere and build on the previous Climate Certificate courses CLCH 160 Oceanography and CLCH 220 Atmospheric Science to better understand Earth's climate system. We will explore past climate, how we know what that climate was like, and how and why we believe it has changed. We will then examine current evidence for climate change (sea level rise, loss of glacier mass, changes in weather systems) and critique various climate models. Once the class has a good understanding of the science behind climate change we will examine potential impacts in various parts of the world. Finally we will examine climate policy in the US at the federal, state and local level and in various parts of the world.
COLLEGE OF LIBERAL & PROFESSIONAL STUDIES	CLCH 300		Communicating Science	Scheyder	1	Inclusive	Even the most brilliant scientists must be able to communicate clearly to effectively share their enthusiasm for their fields. Relating scientific concepts and quantitative data to colleagues is very different than sharing it with the general public. This course will show students how to refine their communication skills in crafting messages to address different audiences and genres. There are no required prerequisites for this course, although students pursuing the Certificate in Climate Change are strongly encouraged to already have completed CLCH 160: Oceanography, CLCH 220: Atmospheric Science, and CLCH 230: Climate Change prior to enrolling in this course.
COLLEGE OF LIBERAL & PROFESSIONAL STUDIES	CLCH 310		Global Environmental Issues	Bordeaux	1, 3	Focused	Wildfires, deforestation, air pollution, plastics in the ocean, lead in water, and increasingly destructive natural disasters have all been in the news lately. What are the underlying causes? What can be done? In this course, students examine eight environmental issues. They become familiar with the current knowledge, debates, human impacts, economic consequences, policies, and potential solutions for each issue. Case studies are drawn from around the world, including the return of the wolf to Yellowstone, sea level rise impact on humans and tigers in Bangladesh, forest fires in the Amazon, and the Indonesian mud flow disaster. Lectures introduce each of the disciplines that contribute to the dialogue on these environmental issues, while a final project allows students to dive deeper into one major environmental issue within the context of each of these disciplines. In addition to lectures, readings, and discussions, there is a semester-long group project culminating in a final paper.
COLLEGE OF LIBERAL & PROFESSIONAL STUDIES	GLBS 200		Globalization: Social, Economic, and Political Aspects	Guillén	1	Inclusive	This course offers an analysis of globalizing and anti-globalizing tendencies in the world. It combines the insights of sociology, economics, and political science to provide an understanding of topics such as population and migration trends, the evolution of global consumer and financial markets, the spread of digital technologies, inequality, populism, climate change and food security, and the shifting geopolitical balance of power. Students will learn how different theories explain the current interplay among social, economic, and political forces.

NOTES:

Courses were determined to be Sustainability Focused or Sustainability Inclusive as per the STARS 2.2 definitions. Courses were added to the inventory and assigned sustainability categories and tags based on an assessment of their descriptions/syllabi and sent to the appropriate academic coordinators/faculty members for confirmation. Confirmed courses are marked with an asterisk (*). Sustainability Category Tags were developed with Bill Braham and Michael Weisberg of CIRCE. Each course is tagged with a number indicating one or more of the following sustainability category groupings:

- Sustainability** including sustainable design, sustainable practices, etc.
- Climate change** including climate science, climate justice, climate adaptation
- Ecology** including ecosystem theory, biodiversity, species extinction
- Energy** including energy use, energy science, etc.
- Mitigation** including carbon capture, migration
- Resilience** including design, engineering, infrastructure, urban planning, etc.
- Policy** including international, national, or sub-national policy about sustainability, energy, climate,
- Legal and ethical** including environmental ethics, the study of equity and the environment, and