Arts and Sciences courses concerning Climate Change, Spring 2018
This list is NOT exhaustive, but we hope it is informative for interested students. If you have other courses to suggest, please email climate associate Emma Waltman, emmawaltman@wustl.edu.

**CWP 102 — Citizen Scientist**
Citizen Scientist introduces students to topics at the intersection of civic responsibility and scientific research - especially climate change - as a means through which to teach the craft of writing. Students will learn how to analyze argumentative claims in order to reach a deeper understanding of the dynamic interaction between science, politics, journalism and the public.
Professors: Smith; Farrell | Prerequisites: none

**EPSci 111 — Introduction to Global Climate Change In the 21st Century**
This course offers an integrated view of global climate and the diverse forces that can alter global climate. It also examines historical and potential future consequences of global climate change on human life, our industrial civilization, and its sustainability.
Professor: Smith | Prerequisites: none

**EpSci 219 — Energy and the Environment**
Energy and the Environment will examine the source, longevity, and consequences of the enormous amount of energy humans consume from scientific, social, economic, and political viewpoints. Students will relate energy to concepts such as heat, work, and power and goes over the types, abundance, advantages, and challenges of renewable energy sources
Professor: Wysession | Prerequisites: 1 year of high-school physics or chemistry

**ENSt 3068 — An Inconvenient Truth: The Human History of Climate Change**
This course will examine the history of climate change and how it has been addressed as a scientific, political and environmental issue dating back to the eighteenth and nineteenth centuries. Students will be introduced to the field of environmental history and explore how this field challenges traditional historical categories.
Professor: Bivar | Prerequisites: sophomore standing or permission of the instructor

**EnSt 310 — Ecological Economics**
This course examines consequences of the pursuit of economic practices that assume economic growth is infinitely possible despite our living on a finite planet. These consequences include climate change, income inequality, declines in quality of life, and mass extinction of species. Ecological Economics is an alternative economic theory that regards the laws of thermodynamics as true and applicable to humans in an economic setting.
Professor: Zencey | Prerequisites: none

**IAS 3901 — Topics in JINES: Slow Violence and the Environment in the Modern Middle East**
This class will address what ways environmental transformation has been the target and the effect of post-colonial, capitalist, and state projects across the Middle East. How have these transformations given rise to "slow violence," the gradual and unevenly dispersed violence of global climate change, fossil fuel dependency, and toxic remnants of war.
Professor: Touhouliotis | Prerequisites: none