

# Certificate in Global Environmental Change and Adaptation

Environmental change, driven in large part by human activity, is increasingly identified as posing significant challenges to development and security. While climate change has received the most attention (see, e.g., US DOD, *2014 Quadrennial Defense Review*), other changes, e.g. biodiversity loss, ozone depletion, and freshwater use have also been raised as significant issues affecting development and security. These issues have also been tied to questions related to social justice. The Josef Korbel School of International Studies (Korbel) is building a critical mass of scholars, student interest, and activities related to environmental change, development, security, and justice. This certificate seeks to bring cohesion and increased quality to research and teaching in this area, and provide opportunities for students to develop substantive expertise around one of the defining challenges of the 21<sup>st</sup> century: global environmental change and attempts to adapt thereto in sustainable ways that minimize harm to affected communities.

## REQUIREMENTS:

Complete six courses (24 credit hours), as outlined below:

1. Required courses (three courses/12 credits):
  - INTS 4397 – The Environment, the Economy, and Human Wellbeing
  - INTS 4642 – Environmental Security
  - INTS 4972 – Global Environmental Governance
  
2. Additional courses (three courses/12 credits) approved by degree director. Some examples of such courses are
  - INTS 4110 – Food and Nutrition Security for Sustainable Development
  - INTS 4201: Quantitative Analysis of Global Environmental Change
  - INTS 4220 – Political Economy of Energy & Sustainable Development
  - INTS 4223 – Global Dynamics & Local Threats in Agricultural Development
  - INTS 4290 – Gender, Environment, and Sustainable Development
  - INTS 4339 – Microfinance & Sustainable Development
  - INTS 4367 – Global Health Affairs
  - INTS 4484 – Agriculture & Sustainable Development
  - INTS 4539 – Food Security in the United States and the World
  - INTS 4579 – International Futures
  - INTS 4671 – Climate, Science and Society
  - INTS 4706 – Negotiating Environmental Conflict and Policy
  - INTS 4909 – Climate Justice

## Certificate Director:

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