ENVIRONMENTAL STUDIES

- Bachelor of Arts in Environmental Studies
- Available through Stark and Kent Campuses
- Students will learn to solve specific environmental problems by developing key competencies in:
  - Earth systems science
  - Environmental social science
  - Human-natural systems
  - Sustainability science
ENIRONMENTAL STUDIES

- Multi-disciplinary coursework and skill sets:
  - Biological Sciences
  - Economics
  - English
  - Geography
  - Geology
  - History
  - Philosophy
  - Political Science
  - Sociology

More programs to include with current program update, including RPTM!
DIFFERENCE BETWEEN STUDIES AND SCIENCE

- **Environmental Studies** is a social science that looks to how humans influence and are influenced by the environment, and how traditions of cultures around the world affect the environment. It examines the social, economic, and political aspects of how people and the natural environment have interacted and continue to interact with one another.

- **Environmental Science** focuses mostly on the biological and chemical aspects rather than the social and policy aspects of various environmental issues.
TOPICS OF INTEREST

- ADVOCACY!
- Environmental Health and Consultation
- Climate Change
- Recycling and Waste
- Sustainable Cities (urban gardening, urban heat island, planning and zoning, transportation)
- Environmental Law and Policy
- Media Engagement
- Education
- Environmental Preservation and Conservation
- Parks Services
- Water Access
- Food and Agricultural Policy
PAIR YOUR MAJOR WITH A MINOR

• Natural Sciences
  - Biology
  - Geology

• Social Sciences
  - Communications
  - Geography
  - History
  - Philosophy
  - Political Science
  - Sociology
# ENVS Core Major Requirements

## Core Major Courses

**STARK:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 10110</td>
<td>Biological Diversity</td>
</tr>
<tr>
<td>ENVS 22070</td>
<td>Nature &amp; Society</td>
</tr>
<tr>
<td>ENVS 32091</td>
<td>Environmental Studies &amp; Sustainability</td>
</tr>
<tr>
<td>ENVS 42099</td>
<td>Integrative Senior Project</td>
</tr>
<tr>
<td>GEOL 21062</td>
<td>Environmental Earth Science</td>
</tr>
</tbody>
</table>
**ENVS SCIENCE ELECTIVES**

**NATURAL SCIENCE:** Take one course from each discipline below [ BSCI, GEOG, GEOL ]

<table>
<thead>
<tr>
<th>BIOLOGICAL SCIENCES</th>
<th>GEOGRAPHY</th>
<th>GEOLOGY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STARK:</strong></td>
<td><strong>STARK:</strong></td>
<td><strong>STARK:</strong></td>
</tr>
<tr>
<td>BSCI 30274 Forstry</td>
<td>GEOG 21062 Physical Geography</td>
<td>GEOL 33025 Water &amp; the Environment ^</td>
</tr>
<tr>
<td>BSCI 30360 General Ecology</td>
<td>GEOG 41051 Natural Disasters &amp; Society</td>
<td><strong>KENT:</strong></td>
</tr>
<tr>
<td>BSCI 40525 Wildlife Resources</td>
<td>GEOG 41066 Global Climate Change</td>
<td>GEOL 42065 Watershed Hydrology</td>
</tr>
<tr>
<td><strong>KENT:</strong></td>
<td><strong>KENT:</strong></td>
<td><strong>KENT:</strong></td>
</tr>
<tr>
<td>BSCI 30277 Economic Botany</td>
<td>GEOG 41074 Resource Geography</td>
<td>GEOL 42067 Introductory Hydrogeology</td>
</tr>
</tbody>
</table>
# METHODS ELECTIVES

## METHODS: Choose one course

<table>
<thead>
<tr>
<th>STARK:</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 49070</td>
<td>Geographic Information Science</td>
</tr>
<tr>
<td>GEOG 49230</td>
<td>Remote Sensing</td>
</tr>
<tr>
<td>GEOL 42035</td>
<td>Scientific Methods in Geology</td>
</tr>
<tr>
<td>SOC 32210</td>
<td>Researching Society</td>
</tr>
</tbody>
</table>
## SOCIAL SCIENCE ELECTIVES

### SOCIAL SCIENCE: Choose five courses

<table>
<thead>
<tr>
<th>STARK:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 32084</td>
<td>Economics of the Environment</td>
</tr>
<tr>
<td>ENG 36001</td>
<td>Applied Literary Criticism: Environmental Literature</td>
</tr>
<tr>
<td>ENVS 30000</td>
<td>Environmental Protection, Regulations &amp; Assessment</td>
</tr>
<tr>
<td>ENVS 46092</td>
<td>Internship in Environmental Studies</td>
</tr>
<tr>
<td>GEOG 31070</td>
<td>Population and the Environment</td>
</tr>
<tr>
<td>GEOG 32023</td>
<td>Campus &amp; Community Gardens</td>
</tr>
<tr>
<td>HIST 38495</td>
<td>ST: American Environmental History</td>
</tr>
<tr>
<td>POL 40540</td>
<td>Politics of Development</td>
</tr>
<tr>
<td>SOC 42560</td>
<td>Sociology of Food</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KENT:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 42064</td>
<td>Settling the North American Environment</td>
</tr>
</tbody>
</table>
## Projected Stark Envs Offerings

<table>
<thead>
<tr>
<th>Requirements / Electives</th>
<th>Spring 2022</th>
<th>Fall 2022</th>
<th>Spring 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Requirements</td>
<td>BSCI 10110: Biological Diversity (2 sections)</td>
<td>BSCI 10110: Biological Diversity</td>
<td>BSCI 10110: Biological Diversity</td>
</tr>
<tr>
<td></td>
<td>ENVS 30105: Career Pathways in ENVS*</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENVS 32091: Environmental Studies &amp; Sust.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENVS 42099: Integrative Senior Project</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>GEOL 21062: Environmental Earth Science (2 sections)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>BSCI 10110: Biological Diversity</td>
<td>BSCI 30274: Forestry</td>
<td>BSCI 30360: General Ecology</td>
</tr>
<tr>
<td>Electives</td>
<td>GEOL 21062: Environmental Earth Science</td>
<td>BSCI 30361: Biogeography</td>
<td>BSCI 40525: Wildlife Resources</td>
</tr>
<tr>
<td>Geography Electives</td>
<td>GEOG 41066: Global Climate Change (Web)</td>
<td>GEOG 41051: Natural Disasters and Society</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GEOG 41073: Conservation of Natural Resources (Web)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geology Electives</td>
<td>GEOL 33025: Water and the Environment</td>
<td>GEOL 44074: Paeleoceanography*</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>GEOL 33025: Water and the Environment</td>
<td></td>
</tr>
<tr>
<td>Methods Electives</td>
<td>GEOG 49070: Geographic Information Science</td>
<td>GEOG 49070: Geog. Info Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SOC 32210: Researching Society</td>
<td></td>
</tr>
<tr>
<td>Social Science /</td>
<td>ENG 35105: Literature, Culture, and Environment</td>
<td>PHIL 30025: Environmental Ethics</td>
<td></td>
</tr>
<tr>
<td>Humanities Electives</td>
<td>ENVS 30000: Env. Protection, Regs. &amp; Assessment (Web)</td>
<td>POL 40540: Politics of Development</td>
<td></td>
</tr>
<tr>
<td></td>
<td>RPTM 36083: Environmental Education and Conservation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ECON 32084: Economics of Environment</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ENVS 30000: Env. Protections, Regs. &amp; Assessment</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RPTM 36083: Environmental Education and Conservation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>GEOG 41073: Conservation of Nat. Resources</td>
<td></td>
</tr>
</tbody>
</table>

# Your Hometown University
• ENVS is “housed” within Kent State’s Department of Geography
  - Understanding the relationship between humans and the changing environment

• Department Resources
  - Geography Club
  - ENVS Club
  - Future Professional Consultants Club
  - ENVS and GEOG Listservs for all respective majors
  - Dr. Scott Sheridan (Department Chair)
  - Dr. David Kaplan (ENVS Director)
  - Dr. Emariana Widner (GEOG Undergraduate Program Coordinator)
• Stark ENVS and GEOG Listserv

• EnviroKents
  - President: Jordan Troutman (jtroutm6@kent.edu). **Contact to be placed on email list.**
  - First meeting on **Sept. 29 at 4pm** (Teams): **We need a VP/Sec. and Treasurer! Nominate by emailing Dr. Post.**
  - Usually meets 2nd Wednesday of every month thereafter.
  - Anticipated Fall Events: Meet/Greet, Halloween Movie, Speaker from Stark Co. Health Dept., Flash’s Food Garden Clean-up, Virtual Holiday Happy Hour
  - Spring focus on Flash’s Food Garden
  - Potential Environmental Cleanups year-round

• Academic Advising
  - Jenna Morrison or Lisa Lash

• Internship and Career Services
  - Shaan Fowler and Chris Paveloi
INTERNSHIPS

• Crucial to gaining professional experience AND earn credit!!
• Annual Opportunity with YMCA Camp Tippecanoe
• Flash’s Food Garden in Summer 2023
• Current and Past Stark Students have interned at:
  • H2Ohio
  • Summit Metro Parks
  • James A. Garfield NHS
ENVS CAREER POSSIBILITIES

• Environmental attorney
• Environmental or conservation planner
• Environmental consultant or educator
• Environmental media
• Fundraiser for environmental causes / non-profit activism
• Natural resources manager
• Park staff (ranger, researcher, educator, archivist, etc.)

• Policy analyst
• Public relations / Communications specialist
• Environmental or sustainability specialist
• Green business/non-profit owner
EXAMPLE CAREERS from a SIMILAR PROGRAM

Recent OU Environmental Sustainability Alumni - Employment
- Environmental Programs Specialist II at OK. Dept. of Environmental Quality
- Air Quality Program Coordinator at Choctaw Nation of OK
- Brand & Content Strategist at Opower in San Francisco
- Business Development at CleanTX in Austin
- City Planner for the City of Amarillo
- District Executive for Boys Scouts of America in OKC
- Field Scientist at Terracon in Katy, TX
- Freshet Cargo Route Manager at Fresh Approach in San Francisco
- GIS Specialist at LandWorks, Inc. in Houston, TX
- Director of Marketing and Communications at CleanTX in Austin
- Retail Strategy Architect of Digital Innovation in Norman
- GIS Specialist for Brownsfields Program for Oil and Gas Conservation Division of OK. Corp. Commission
- Health and Safety Executive (HES) Officer, Innospec Oilfield Services in OKC
- Insurance Agent at Kemper in Georgia
- Associate Planner and Program Coordinator at the Office of Sustainability in OKC
- Quality Control Analyst at Cyanotech in Hawaii
- Brown Field Coordinator at Absentee Shawnee Tribe, Office of Environmental Health and Engineering
- Natural Resources and Sustainable Development (NRSD) Graduate program in WDC, American University School of International Service (SIS)
- Masters of City and Regional Planning Program, UNC; Graduate Asst. UNC Highway Safety Research Center on safe routes to school

Career Options in Environmental Sustainability

Government
- Sustainable community planner
- Green economic developer
- National Park ranger
- Municipal water conservation program manager
- Green team leader for city government
- Oklahoma Department of Environmental Quality
- Oklahoma Water Resources Board
- United States Environmental Protection Agency
- United States Office of Renewable Energy and Energy Efficiency
- United Nations Sustainable Development Officer

Business
- Green energy entrepreneur
- Corporate social responsibility manager
- Environmental consultant
- Energy auditor
- Environmental journalist
- ISO certification specialist

Nonprofit
- Executive director of a local environmental nonprofit
- State-level engagement coordinator for Greenpeace
- Fundraising and grant writer for Sierra Club
- Communications manager for World Wildlife Fund
THANK YOU!

Questions, comments or concerns?
Do not hesitate to contact Dr. David Kaplan or myself.

**Dr. Chris Post**  
Department of Geography  
ENVS & GEOG Coordinator  
123C Science & Nursing  
Kent State at Stark  
cpost2@kent.edu  
330.244.3427

**Dr. David Kaplan**  
Department of Geography  
ENVS Director  
McGilvrey Hall  
Kent State University  
dkaplan@kent.edu  
330.672.3221