INTERNATIONAL SCIENCE STUDIES, MINOR

College of Agricultural & Environmental Sciences

Minor

This interdisciplinary minor in International Science Studies introduces College of Agricultural & Environmental Sciences students to global issues, which affect their major disciplines in the current world, and also provides an opportunity to gain first-hand experience abroad when appropriate. The goal of this minor is to enable our college students to develop greater international competence and to enhance their employability.

The minor assumes that the student will have a major in the sciences and that classes taken under one of the three tracks in the minor will contribute depth to the existing major or establish depth in a selected additional field of study. Students will be expected to work closely with an academic advisor in developing an intellectually coherent program of the study. A minimum of 18 units of upper division work is required. Only a single course can be counted toward both major and minor and no course can be used to satisfy the requirements of more than one minor.

Lead Faculty Advisor

Shu-Hua Chen (shachen@ucdavis.edu) (Land, Air, & Water Resources); 530-752-1822.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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**Global Issue Course Requirement**

Focusing on broad range of global issues and their impacts on ecological and environmental resources and biodiversity, in addition to international policy and economics. Beyond the courses taken under each track, choose two out of the three courses listed below:

- ATM 116 Modern Climate Change
- PLS 150 Sustainability & Agroecosystem Management
- ARE 115B/115BY Economic Development
  - ECN 115B/115BY

Choose one of the following tracks:

**Ecological, Environmental, & Energy Studies Track**

Choose 16-17 units:

- **ANT 103** Indigenous Peoples & Natural Resource Conservation 4
- **ARE 147** Resource & Environment Policy Analysis 3
- **ATM 116** Modern Climate Change 3
- **ATM 133** Biometeorology 4
- **ESM 100** Principles of Hydrologic Science 4
- **ESM 121** Water Science & Management 3
- **ESM 131** Air as a Resource 3
- **ESM/PLS 144** Trees & Forests 4
- **ESM 120** Global Environmental Interactions 4
- **ESP 100** General Ecology 4
- **ESP 151** Limnology 4
- **EVE 147** Biogeography 4
- **SSC 109** Sustainable Nutrient Management 4
- **HYD 143** Echology 4

**Policy & Management Focus Track**

Choose 16-17 units:

- **ARE/ECN 115A** Economic Development 4
- **ARE 115B/115BY/ECN 115B/115BY** Economic Development 4
- **ARE 138** International Commodity & Resource Markets 4
- **IRE 190** Topics in International Relations 4
- **CRD 156** Community Economic Development 5
- **CRD 180** Transnational Community Development 4
- **IAD/PLS 160** Agroforestry: Global & Local Perspectives 3
- **IAD 170** Program Development for International Agriculture 4
- **ESP/ARE 175** Natural Resource Economics 4

**Agriculture, Food, & Fiber Systems Track**

Choose 16-17 units:

- **ANT 103** Indigenous Peoples & Natural Resource Conservation 4
- **ATM 133** Biometeorology 4
- **CRD 153A** International Community Development: Asia 4
- **CRD 153B** International Community Development: Europe 4
- **ESM 121** Water Science & Management 3
- **ESM 131** Air as a Resource 3

Total Units 23-25

(1) Ecological, Environmental, & Energy Studies Track

(2) Policy & Management Focus Track

(3) Agriculture, Food, & Fiber Systems Track

(1) Ecological, Environmental, & Energy Studies Track (p. 1)

(2) Policy & Management Focus Track (p. 1)

(3) Agriculture, Food, & Fiber Systems Track (p. 1)
<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>EVE 138</td>
<td>Ecology of Tropical Latitudes</td>
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<td>HYD 124</td>
<td>Plant-Water-Soil Relationships</td>
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<td>PLS 150</td>
<td>Sustainability &amp; Agroecosystem Management</td>
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<tr>
<td>PLS/IAD 160</td>
<td>Agroforestry: Global &amp; Local Perspectives</td>
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<td>FST 109</td>
<td>Principles of Quality Assurance in Food Processing</td>
<td>3</td>
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<td>NUT 119A</td>
<td>Global Nutrition</td>
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<tr>
<td>NUT 119B</td>
<td>International, Community-Based Nutritional Assessment</td>
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