

# Core Earth, Environment and Sustainability Science Track (2025-2026)

# Methodology requirements and other recommended UCU and UU courses

Level	FALL	SPRING
1	<div data-bbox="122 261 461 468">Introduction to Earth &amp; Environment (UCSCIEES11)</div> <div data-bbox="129 476 450 512">K.K. Goldewijk (coord.)</div>	<div data-bbox="861 261 1200 468">Introduction to Earth &amp; Environment (UCSCIEES11)</div> <div data-bbox="868 476 1189 512">K.K. Goldewijk (coord.)</div> <div data-bbox="1207 261 1556 468">Introduction to Sustainability Science (UCSCIEES12)</div> <div data-bbox="1240 476 1513 512">M. Barroso (coord.)</div>
2	<div data-bbox="122 572 461 779">Ecosystem Change in the Anthropocene (UCSCIEES21)</div> <div data-bbox="104 786 476 822">A. van der Kaaden (coord.)</div> <div data-bbox="468 572 807 779">Sustainability Science &amp; Society (UCSCIEES24)</div> <div data-bbox="501 786 774 822">M. Barroso (coord.)</div>	<div data-bbox="861 572 1200 779">Atmosphere &amp; Climate (UCSCIEES22) <i>alternates with</i> Earth System Processes (UCSCIEES23)</div> <div data-bbox="1240 586 1498 658">M. van den Broeke (coord.)</div> <div data-bbox="1240 701 1437 772">K.K. Goldewijk (coord.)</div>
3	<div data-bbox="122 858 504 1065">Currently no EES level 3 course in Fall <i>(check other recommended UCU and UU courses)</i></div>	<div data-bbox="861 858 1200 1065">Quantifying Earth's Boundaries (UCSCIEES33)</div> <div data-bbox="1207 872 1403 943">K.K. Goldewijk (coord.)</div>
	<div data-bbox="122 1086 807 1293">EES Thesis (UCSCIEEST1)</div>	<div data-bbox="861 1086 1556 1293">EES Thesis (UCSCIEEST1)</div>

Kees Klein Goldewijk (coord.) and UU supervisors

*Legend (course content)*

- Sustainability Science
- Earth System Science
- Social Science
- Other Science (Chemistry)
- Environmental Science
- Research and skills

**Methodology requirements**

**Mathematics:**  
UCSCIMAT11/14, UCACCMAT01

**Lab courses (options):**  
GIS (UCSCIEESL5)  
(?) Geology (UCSCIEESL1)

Anthropology of Conservation & Gl. Env. (UCSSCANT25)  
SPRING

Sustainable Energy Supply (GEO3-2420)  
UU – Period 1

Chemistry for Sustainability (UCSCICHE31)  
SPRING

Systems, Stories & Sustainability (GEO3-2431)  
UU – Period 3

Landscape Ecology & Nature Conservation (GEO3-2140)  
UU – Period 4