

**From:** [Lawrence Krissek](#)  
**To:** [Vankeerbergen, Bernadette](#)  
**Cc:** [Lyons, William](#); [Lawrence Krissek](#); [Gustafson, Terry](#); "[Jill Pfister](#)"; "[hendrick.15@senr.cfaes.ohio-state.edu](#)"; "[hitzhusen.3@osu.edu](#)"; [Andereck, Dave](#)  
**Subject:** Re: Concurrence request for ENVSCI Minor--Earth Sciences  
**Date:** Wednesday, July 20, 2011 10:07:20 PM

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Hi Bernadette,

I am writing in response to your request for concurrence/comments from the School of Earth Sciences regarding the proposed new Environmental Science minor in FAES/SENr. Berry Lyons (Director of SES) and I have discussed and agreed on what is presented here, so this serves as the official response from SES.

Based on the titles of the courses available in this minor, the proposed Environmental Science minor appears to include little or no coverage of: a) large components of the natural environment, b) resources available from that environment, or c) hazards associated with using those resources. For example, none of the courses listed appear to have a focus on oceans, lakes, groundwater, freshwater resources, energy resources, environmental hazards, or the cryosphere. Instead, the courses listed seem to have more of a focus on ecology and ecosystems.

In order for SES to concur with a proposal for a new minor in Environmental Science, we feel strongly that additional courses should be made available within this minor -- specifically, courses should be included that focus on components of the natural environment presently unrepresented in the minor.

Among the courses to be offered by SES under semesters, here are the courses we recommend should be made available -- as least as electives -- within the Environmental Sciences minor:

Earth Sci 2155 (4 semester credits) Energy and Environment (cross-listed as ENR 2155) -- no prerequisites

Earth Sci 2203 (3 semester credits) Environmental Geoscience -- no prerequisites

Earth Sci 2204 (3 semester credits) Exploring Water Issues -- no prerequisites

Earth Sci 2206 (3 semester credits) Principles of Oceanography -- no prerequisites

Earth Sci 4450 (3 semester credits) Water, Ice, and Energy in the Earth System -- prerequisite = Earth Sci 1100 or Earth Sci 1121, or Geog 3901 or 3900 or 5900, or permission of instructor

Earth Sci 5203 (3 semester credits) Geo-Environment and Human Health -- prerequisite = GE data analysis course

If SENr would prefer to include courses on these topics at the 5000-level or above, we can provide information on those courses. However, the higher-level courses also have more extensive prerequisites.

Please let me know if you, or SENr, have questions about this response, or if more information is needed for these, or other, SES courses.

Best,

Larry Krissek

Associate Director for Administration, SES

On 7/18/2011 11:12 AM, Vankeerbergen, Bernadette wrote:

Greetings,

**The Environmental Science new minor** is being vetted through the Arts & Sciences curricular process. The program proposal can be found at:

<http://crmtview.asc.ohio-state.edu/currofc/tracking.cfm?TrackingID=2387>

I am writing to seek concurrence and appropriate comments from your unit. Spaces are provided on the attached form for you to sign off, but we are glad to receive any response (including e-mails) so long as it is sanctioned by the unit.

In order for your concurrence and feedback to be included in the process, this concurrence needs to be received by the ASC Curriculum and Assessment Services as soon as possible but no later than **August 1**.

Please inform me if:

- your unit requires additional time to review the concurrence request
- you do not feel this concurrence is relevant to your unit.

Thank you!

Best,  
Bernadette Vankeerbergen

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