

**The Ohio State University  
First-Year Seminar Program  
Course Proposal**

**Course Information**

1. Attach a syllabus that includes the following (sample syllabi can be found at <http://firstyearseminars.osu.edu>):
  - the course goals
  - a brief description of the content
  - the distribution of meeting times
  - a weekly topical outline
  - a listing of assignments
  - grade assessment information (A-E or S/U)
  - required textbooks and/or reading list
  - the academic misconduct and disability services statements (sample statements can be found at <http://asccas.osu.edu/curriculum/asc-syllabus-elements>)

**Instructor Information**

2. Attach a brief biographical paragraph that includes the current research interests, teaching awards and honors, and undergraduate courses taught by the participating instructor(s).

Sabine Jeschonnek, Lima Campus, Physics Department

Proposer's Name and Primary Academic Unit (please print)

Professor

Proposer's Title

Jeschonnek.1@osu.edu

Proposer's e-mail Address

March 1, 2021

Submission Date

Tim Rehner, Dean & Director, Ohio State Lima

Approval of Department Chair of Academic Unit (please print)

**Please return this form and any attachments to Todd Bitters, [bitters.4@osu.edu](mailto:bitters.4@osu.edu), no later than MARCH 1.**

## Biographical Sketch

Dr. Sabine Jeschonnek is a professor in the department of Physics. She received her undergraduate and graduate degrees in Germany, studying theoretical nuclear physics. She then was a Visiting Scientist at MIT and a postdoctoral scholar at Jefferson Lab in Newport News, VA, before joining OSU Lima. She has conducted research in electron scattering from light nuclei and quark-hadron duality for over 20 years. Her research in theoretical nuclear physics has been funded by grants from NSF.

Dr. Jeschonnek has taught various form of introductory physics courses at Ohio State's Lima campus during the past 20 years, and has been nominated for the Lima Teaching Award several times.

During the past few years, Dr. Jeschonnek has developed a new research interest: the science of networks. She thoroughly enjoys this young, interdisciplinary field and has done some work on spatial economic networks. She would like to share her enthusiasm for doing science and discovering cool new applications for networks with new OSU students in this freshman seminar.

1/28/2021 tab