


# EAB - 760 - Perinatal and Pediatric Epidemiology

2 Graduate Course Create 2020-21

## I. Course Information

The faculty member originating this proposal is to complete sections I,II, III, and IV.

TURN ON help text before starting this proposal by clicking  in the top right corner of the heading.

You will need to turn on help text again after any actions that refresh the page including after saving proposals, importing information, or running impact reports.

FILL IN ONLY fields required marked with an \*. You will not be able to launch the proposal without completing the required fields.

Department\*

Environmental & Occupational Health

Prefix:\*

EAB

Number:\* 760

Is a new Prefix being suggested?  Yes  No

Suggested Prefix

Long Course Name:\* Perinatal and Pediatric Epidemiology

Short Course Name\* Perinatal & Pediatric Epi

Tip: 25 characters max. for short name (abbreviations are acceptable if needed)

### Tips

avoid the use of the words *student*, *course*, and *covers*

incomplete sentences are ok

avoid repeating the course title

(50 words max)

**Catalog Description\***

Examines risk factors affecting human reproduction, pregnancy, birth outcomes, fetal and child development, and maternal and child health conditions. Explores perinatal and pediatric health from a population viewpoint, summarizes research progress and limitations, identifies unsolved questions, and promotes the design of new studies in relevant areas.

**First Term Course Offered\***

Fall 2020

**Explanation for Course Create\***

EAB 760 Perinatal and Pediatric Epidemiology (PPE) studies the risk factors that may affect human reproduction, pregnancy, birth outcomes, fetal and child development, and maternal and child health conditions. There is a great need for this course to be developed as no course currently offered at UNLV covers this branch of epidemiology. Currently the School of Public Health offers EOH732: Children, Development, Health, and the Environment, which "Focuses on health issues specific to children age 0-18, such as abuse and neglect, insurance, nutrition, immunization, mental health, substance abuse, sexuality and chronic disease. Students will examine the unique status of children in the public health system as well as systemic approaches to improving services and policies." However, EOH732 does not delve into the intricacies of epidemiological research study design to investigate questions pertaining to perinatal and pediatric outcomes. The proposed EAB 760 utilizes surveillance, case-control study, cohort study, clinical trial, and community prevention trial to provide data regarding infertility, pregnancy loss, stillbirth, pregnancy complications, adverse birth outcomes, infant and child disorders to guide prevention efforts. EAB 760 course will provide an introduction to perinatal and pediatric health outcomes from a population viewpoint, describe major risk factors identified, summarize research progress and limitations, and stimulate students to identify unsolved questions and design new research studies in the relevant areas.

Topics to be covered include:

- Fertility and infertility
- Pregnancy loss and stillbirth
- Gestational length and preterm birth
- Infant morbidity and mortality
- Birth defects
- Pregnancy complications
- Epidemiology of morbidity related to asthma
- Development of obesity and metabolic disorders
- Neurobehavioral disorders

**Are you adding a Service-Learning designation to this course?\***

Yes  No

**If the Service-Learning designation is being added to this course:**

A syllabus in Word or PDF format must accompany this form.

Graduate syllabi must meet the minimum criteria as required by the Provost's office (See Semester Memo under Executive Vice President and Provost Policies and Forms [www.unlv.edu/policies](http://www.unlv.edu/policies)). Graduate courses that are linked to undergraduate courses (300/500 and 400/600 level joint courses) must clearly state in the syllabus how the class experience and expectations are different for graduate students, what additional requirements students enrolled in the graduate level course must fulfill, and how the grading scale will be applied to graduate students.

Please attach a current syllabus by navigating to the Proposal Toolbox and clicking  in the top right corner.

Information about Service-Learning is available [here](#). Faculty can visit the [faculty Service-Learning page](#) as well as the [UNLV Guide for Service Learning](#) for additional information.

If adding Service-Learning designation, syllabus is attached  Attached

**II. Catalog Information**

Will this be an experimental (x) course?  Yes  No

Has this course number been used previously as an Experimental (X) course?  Yes  No

If yes, X-Course Prefix

X-Course Code

Program(s) impacted by this new course\*  
PhD in Public Health, all concentrations  
MPH, all concentrations

**Tip (note): A Program Change form will need to be submitted to add the new course into a program.**

Detail the changes to the program catalog entry required due to the creation of this  
This is an elective course for Public Health PhD students in all tracks as well as MPH students.

**Fixed/Variable Credits\***  Fixed  Variable

If fixed, enter number of credits. If variable, enter minimum and maximum credits (E.g., 1-3)

**Number of Credits** 3

**Course is Repeatable\***  Yes  
 No

**If yes, the maximum number of credits that may be earned is**

**Grading System\***  Letter Grade  
 S/U  
 S/F  
 Thesis/Dissertation

**Is this a Special Topics course?\***  Yes  No

**Sub-topic(s)**

**Are topics repeatable?**  Yes  No

**If yes, number of credits**

**Prerequisites** Enrollment in the Public Health doctoral program or consent of instructor; open to MPH students.  
  
EAB 705 or HCA 702

**Corequisites** None

**Does this course have any non-credit components?**  Yes  No

**If yes, indicate component(s)**

- Clinical
- Discussion
- Field Studies
- Independent Study
- Internship
- Laboratory
- Lecture
- Practicum
- Research
- Seminar
- Supervision
- Thesis Research

**Will this course be listed as the 'same as' another course?\***  Yes  No

**If yes, list the course**

**Indicate the instructional modes that should be available for scheduling\***

- In Person Supplemental Web
- Field Study
- Hybrid
- Independent Study
- Television
- Web-based
- Web-based w/ on/off campus meeting

### III. Evaluation of Library Resources

**A. This section is completed by the faculty member originating this proposal—indicate library resources that will be needed to support this course**

**Will this course creation require changes to library resources?\***  Yes  No

**Please indicate library resources that will be needed to support students taking this course\***

- Core journals
- Core books (not required texts)
- Electronic resources (e.g., databases, videos, media, etc.)

**Critically needed journals for this subject area:** No additional journals beyond what is currently available in the library databases are needed.

**Electronic Resources:** No additional electronic resources are anticipated.

3. LAUNCH proposal by clicking  in the top left corner.

4. Finish the launch of your proposal by clicking the icon  located in the Proposal Toolbox on left side at top. Make your decision, comment is optional, and click on "Make decision".

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

B. This section is completed by the librarian.

Level of support the  
Library can provide

Library Comments

## IV. Syllabus

A syllabus in Word or PDF format must accompany this form.

Graduate syllabi must meet the minimum criteria as required by the Provost's office (See Semester Memo under Executive Vice President and Provost Policies and Forms [www.unlv.edu/policies](http://www.unlv.edu/policies)). Graduate courses that are linked to undergraduate courses (300/500 and 400/600 level joint courses) must clearly state in the syllabus how the class experience and expectations are different for graduate students, what additional requirements students enrolled in the graduate level course must fulfill, and how the grading scale will be applied to graduate students.

## Attachments List


Please attach any required files by navigating to the Proposal Toolbox and clicking  in the top right corner.

Attached syllabus\*  Attached

## V. Department Vote Information

**Note:** This section is to be filled out by the Department Chair on behalf of the committee.

(The role has been assigned to the corresponding person on this step. If incorrect, please notify GradCurriculum@unlv.edu)

1. Review the proposal. Discuss and make appropriate revisions.
2. Fill in vote information.
3. Then go to the proposal toolbox at the top right side. Click on  and select the corresponding decision for the committee. This will enable the proposal to go to the next person on the workflow.

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

**Date faculty voted  
on proposal**


**Result of vote  
(Number of yes/no  
/abstention votes)**

**Manner of vote  
(online, in-person,  
etc.)**

## VI. Unit Vote Information

**Note:** This section is to be filled out by the College Committee Chair on behalf of the committee.

(The role has been assigned to the corresponding person on this step. If incorrect, please notify GradCurriculum@unlv.edu)

1. Review the proposal. Discuss and make appropriate revisions.
2. Fill in vote information.
3. Then go to the proposal toolbox at the top right side. Click on  and select the corresponding decision for the committee. This will enable the proposal to go to the next person on the workflow.

You can check the status of the proposal by clicking  in Proposal Toolbox to verify that the proposal has gone to the next step.

**Date faculty voted  
on proposal** 3/31/2020

**Result of vote  
(Number of yes/no  
/abstention votes)** 3-0-1

**Manner of vote** electronic  
(online, in-person,  
etc.)

### **VIII. Processing Notes (Graduate College/Registrar Use Only)**

**PS Processing Notes**

**PS Processing Date**

**Initials**

**Aalog Processing  
Notes**

**Aalog Processing  
Date**

**Initials**



## Comments for EAB - 760 - Perinatal and Pediatric Epidemiology

<p><b>Curriculog</b></p>	<p>4/22/2020 1:17 pm <a href="#">Reply</a></p>
<p>James Navalta has approved this proposal on behalf of Graduate Course Review Committee. See <a href="#">Graduate Course Review Committee 04-15-2020</a> for more information.</p>	
<p><b>Curriculog</b></p>	<p>4/1/2020 8:14 pm <a href="#">Reply</a></p>
<p>Jay Shen has approved this proposal on School/College Associate Dean for Graduate Studies/ Dean.</p>	
<p><b>Patricia Cruz Perez</b></p>	<p>4/1/2020 7:14 pm <a href="#">Reply</a></p>
<p>The SPH Curriculum Committee worked with the course proposer to include the changes described below. Upon approval from Dr. Vuong, a revised syllabus was uploaded and the proposal was revised as requested.</p> <p><b>Syllabus -</b></p> <ol style="list-style-type: none"> <li>1.Competency table (page 2) third row: competency name PHD EAB02 is repeated while the competency is different</li> <li>2.Add page numbers to course syllabus document</li> <li>3.Suggest present grading scale percentages as ranges</li> <li>4.Syllabus, Grading Scale – specify that grades below B do not count towards graduate credit (<a href="https://www.unlv.edu/publichealth/probation-separation">https://www.unlv.edu/publichealth/probation-separation</a>)</li> </ol> <p><b>Proposal -</b></p> <ol style="list-style-type: none"> <li>1.Prerequisites field says EAB705/HCA 702. Clarify whether “/” means or? and?</li> </ol>	
<p><b>Curriculog</b></p>	<p>4/1/2020 7:14 pm <a href="#">Reply</a></p>
<p>Patricia Cruz Perez has approved this proposal on School/College Committee.</p>	
<p><b>Curriculog</b></p>	<p>3/9/2020 2:20 pm <a href="#">Reply</a></p>
<p>EOH Chair has approved this proposal on Department Chair.</p>	
<p><b>Curriculog</b></p>	<p>12/13/2019 9:15 am <a href="#">Reply</a></p>
<p>EOH Graduate Coordinator has approved this proposal on Graduate Coordinator.</p>	
<p><b>Curriculog</b></p>	<p>11/25/2019 2:07 pm <a href="#">Reply</a></p>
<p>Graduate Curriculum has approved this proposal on Technical Review.</p>	
<p><b>Curriculog</b></p>	<p>11/22/2019 10:45 pm <a href="#">Reply</a></p>

**Curriculog**

11/21/2019 9:40 pm [Reply](#)

**Ann Vuong has launched this proposal.**