

**MEMORANDUM TO:** Ogden College of Science and Engineering Curriculum Committee

Dr. Melanie Autin  
Dr. Simran Banga  
Dr. Royhan Gani  
Dr. Becky Gilfillen  
Dr. Ting-Hui Lee

Dr. Andy Mienaltowski  
Dr. Hope Marchionda  
Dr. Zhonghang Xia  
Dr. Bangbo Yan

**FROM:** Dr. Stuart Burris, Chair

**SUBJECT:** Agenda for Thursday, September 3, 2026

**A. OLD BUSINESS:**

- I. Consideration of the minutes of the April 2026 meeting.

**B. NEW BUSINESS:**

| Type of item  | Description of Item & Contact Information                                                                                                                                                                                         |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Informational | <b><u>The following items were sent through the expedited process</u></b><br>GEOL program – Suspend<br>ESGS program – Suspend<br>GEOG 428 – Delete<br>EM 302 – Delete<br>CE 490, 491, 498 – Delete<br>BIOL 302, 344, 483 - Delete |
| Action        | <b>Proposal to Make Revisions to a Course</b><br>ANSC 321: Comparative Anatomy<br>Contact: Todd Willian, <a href="mailto:todd.willian@wku.edu">todd.willian@wku.edu</a> , x5969                                                   |

**C. OTHER BUSINESS**

**Minutes – OCSE Curriculum Committee**

**April 2026**

**Members Present:**

The April 2026 meeting was conducted over email.

**FROM:** Dr. Stuart Burris, Chair

**OLD BUSINESS:**

Minutes from the March 2026 meeting were approved as posted.

**NEW BUSINESS:**

**Action Agenda:**

Proposal to create a new course: ANSC 430 – approved.

**Other Business:**

None

# Course Change Request

Date Submitted: 04/07/26 9:19 am

Viewing: **ANSC 321 : Comparative Anatomy**

Also listed as: **BIOL BIOL 321**

Last approved: 06/21/24 3:17 am

Last revision: 04/07/26 9:19 am

Changes proposed by: plb36852

Catalog Pages  
referencing this  
course

**ANSC 321:**  
Animal Science (ANSC)

Proposed Action

Active

Contact(s)

| Name         | E-mail               | Phone    |
|--------------|----------------------|----------|
| Todd Willian | todd.willian@wku.edu | 745-5969 |

Review Type Full Review Expedited

Term for  
implementation Spring 2027

## In Workflow

1. **AGRI Approval**
2. **SC Dean**
3. SC Curriculum Committee
4. Undergraduate Curriculum Committee
5. University Senate
6. Provost
7. Course Inventory

## Approval Path

1. 04/07/26 9:20 am  
Paul Woosley  
(paul.woosley):  
Approved for AGRI Approval

## History

1. Nov 11, 2021 by  
William Willian  
(todd.willian)
2. May 21, 2022 by  
William Willian  
(todd.willian)
3. Jun 21, 2024 by  
William Willian  
(todd.willian)

8/31/26, 10:26 AM

ANSC 321: Comparative Anatomy

Academic Level

Undergraduate

Course prefix  
(subject area)

ANSC - Animal Science

Course number

321

Department

Agriculture

College

Science and Engineering

Course title

Comparative Anatomy

Abbreviated course  
title

COMPARATIVE ANATOMY

Course description

A comparative study of the morphology and relationships of the organ systems of some typical vertebrates.

Credit hours

0-4 4

Repeatable

Yes

Number of repeats

2

For maximum credits

4

Default grade type

Standard Letter

Alternate grade type(s)

NG-No Grade

Is this course intended to span more than one term?

No

Schedule type

~~Lecture/Lab~~

Lab

Lecture

CIP Code

010901 - Animal Sciences, General.

Does this course have prerequisites

Yes

Prerequisites

| And/Or | (        | Course/Test Code | Min Grade/Score | Academic Level | ) | Concurrency? |
|--------|----------|------------------|-----------------|----------------|---|--------------|
|        | <u>(</u> | ANSC 140         | D               | UG             |   | No           |
| And    |          | BIOL 120         | D               | UG             |   | No           |

| And/Or     | (        | Course/Test Code | Min Grade/Score | Academic Level | )        | Concurrency? |
|------------|----------|------------------|-----------------|----------------|----------|--------------|
| And        |          | BIOL 121         | D               | UG             | )        | No           |
| <u>Or</u>  | <u>(</u> | <u>BIOL 224</u>  | <u>D</u>        | <u>UG</u>      |          | <u>No</u>    |
| <u>And</u> |          | <u>BIOL 225</u>  | <u>D</u>        | <u>UG</u>      | <u>)</u> | <u>No</u>    |

Corequisites

Equivalent Courses

BIOL BIOL 321

Department

Biological Sciences

College

Science and Engineering

### Restrictions:

College restriction? No

Field of study  
restriction/major? No

Classification  
restriction? No

Departmental  
Restrictions

Reason for changing  
the course

This course will be cross listed with BIOL 321. The changes in schedule type, prerequisites, and SLOs will allow for consistency between the two courses and facilitate both agriculture and biology students registering for these courses. Also, the course is taught by agriculture faculty. It was recommended that the ANSC 321 be the 'Master' course. Hence BIOL 321 listed as the equivalent. ~~To allow for an alternate grade type-~~

Is this related to  
other courses at  
WKU?

Yes

Related courses

BIOL 321 - Comparative Anatomy

What departments/programs have been consulted concerning potential impact (e.g. to possible duplication or conflict, changed corequisite or prerequisite for equivalent courses, etc.)? Please provide names and dates for individuals consulted.

Department of Biology - Spring 2026 ~~Fall 2024~~ - Dr. Doug McElroy ~~Michael Smith and Dr. Scott Grubbs~~

How are these related?

The course content and learning objectives will be identical.

Is this course part of a program that leads to teacher certificate? No

Are you seeking Colonnade approval for this course? No

Student Learning Outcomes

| # | Student Learning Outcomes                                                                                                                 |
|---|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <u>Use</u> <del>Understand</del> anatomical nomenclature and recognize the relationships between form and function in vertebrate species. |
| 2 | Compare anatomy and body systems across the vertebrate classes, identifying similarities and differences.                                 |
| 3 | Recognize the significance of embryonic development in vertebrate anatomical formation.                                                   |

Content outline

| # | Topic                                                      |
|---|------------------------------------------------------------|
| 1 | Introduction and how vertebrates fit in the Animal Kingdom |
| 2 | Characteristics of vertebrates: homologies and transitions |
| 3 | Development                                                |
| 4 | Skeletal system - skull                                    |
| 5 | Skeletal system - axial                                    |
| 6 | Skeletal system - appendicular                             |
| 7 | Locomotion                                                 |
| 8 | Musculature system                                         |
| 9 | Respiratory system                                         |

| #  | Topic              |
|----|--------------------|
| 10 | Circulatory system |
| 11 | Digestive system   |
| 12 | Urogenital system  |
| 13 | Endocrine system   |
| 14 | Nervous system     |
| 15 | Sense organs       |

Student  
expectations and  
requirements

Students will be expected to:

1. Read and take responsibility for all assignments, policies, and expectations presented in the syllabus
2. Read all assigned text and laboratory assignments prior to class meetings
3. Dissect supplied vertebrate specimens.
4. Be prepared for class and lab discussion.
5. Be polite to other students and the professor.
6. Have access to university computers for downloading lecture goals, course information, and handouts.
7. Understanding all material covered during class meetings, including additional material not covered in the text, handouts, or in the lab manual.
8. Complete assignments by their due dates.

## Library Resources

Click here <https://www.wku.edu/library/services/access/faculty/resourcesform.php>  
for link to the Library Resources Form.

Tentative texts,  
course materials,  
and special  
equipment

Text: Vertebrates – Comparative Anatomy, Function, Evolution, Seventh Edition

Kenneth V. Kardong, Ph.D.,

McGraw-Hill, New York, 2015, ISBN: 978-0-07-802302-6

Lab Manual: Comparative Vertebrate Anatomy – A Laboratory Dissection Guide, Seventh Edition

Kenneth V. Kardong and Edward J. Zalisko

McGraw-Hill, New York, 2015, ISBN: 978-0-07-765705-5

Special equipment,  
materials, or library  
resources needed

Safety glasses. Prescription glasses are acceptable substitutes for safety glasses.

Closed-toed shoes.

Dissection clothes. Either dirty/old clothes or a lab coat. Long pants will be required during laboratory time. No exceptions.

Additional  
information

Supporting  
documentation

Reviewer Comments

Key: 9457