

# NLPS: AgriScience- Animal

An overview of the program of study



# NLPS General Information

- NLPS take affect for the class of 2025 (current 8<sup>th</sup> graders)
  - If a student from the class of 2025 wants to be a CTE Concentrator, then they will have to use the NLPS.
- All courses will be funded if students meet the requirements for each course (i.e. required prerequisites)
  - The Principles of Ag course will be a required prerequisite for all ag courses starting with the 2023-2024 school year.
  - Since schools are not required to opt into the NLPS for the 2021-2022 school year, a student from the class of 2025 would have to go back and take the principles course prior to graduation in order to be a CTE Concentrator.
    - Being a CTE Concentrator is one way that students can meet the new graduation pathways.



# NLPS General Information

- It is recommended that schools offer the dual credit aligned with each course.
  - Dual credit is not required for a school to receive funding
  - Dual credit is not required for a student to earn credits toward CTE Concentrator status
- It is recommended that a school offer at least one complete NLPS in each of the CTE areas they offer.
  - Schools can continue to offer additional CTE courses for elective or science credit if available
  - Funding will still be available for the additional CTE courses offered if students meet the requirements outlined in the course description.



# NLPS AgriScience: Animal Information

- Additional dual credit alignment with the Principles of Agriculture course.
- Funded at the moderate value funding level
  - Principles of Ag- \$400 (moderate value, level 1)
  - Animal Science- \$400 (moderate value, level 1)
  - Food Science -or- ALS: Animals -or- ALS: Foods- \$400 (moderate value, level 1)
  - Agriscience Capstone- \$600 (moderate value, level 2)



# NLPS AgriScience: Animal Information

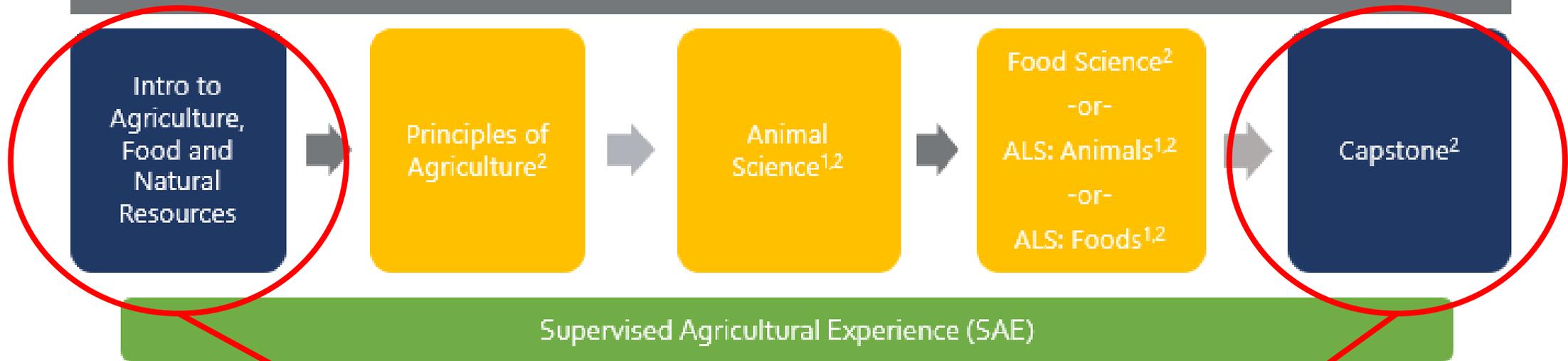
- A complete list of the courses included in the AgriScience: Animal program of study can be found on the [NLPS Review Document](#)
  - Includes the following
    - DOE Course Codes
    - Course Titles and Descriptions
    - Postsecondary Alignment
    - Key Competencies required for each course pulled from the postsecondary course outline on record



# Course Sequencing

## AGRISCIENCE: ANIMAL

Agriculture, Food, and Natural Resources



<sup>1</sup> Satisfies a Core 40 Science requirement. <sup>2</sup>Statewide dual credit available.

These courses are recommended, but NOT required.

- The Intro to AFNR course can be offered at the 8<sup>th</sup> grade level for CTE funding and for high school credit.
- The Capstone can be a pathway specific course or a shared course across multiple ag pathways



# Course Sequencing

## AGRISCIENCE: ANIMAL

Agriculture, Food, and Natural Resources



<sup>1</sup> Satisfies a Core40 Science requirement. <sup>2</sup>Statewide dual credit available.

This course sequence was designed to allow students to obtain a foundation in animal agriculture through science and laboratory principles. These courses will prepare students to further their education in a postsecondary setting or join the workforce.



# Course Sequencing

## AGRISCIENCE: ANIMAL

Agriculture, Food, and Natural Resources



<sup>1</sup> Satisfies a Core40 Science requirement. <sup>2</sup>Statewide dual credit available.

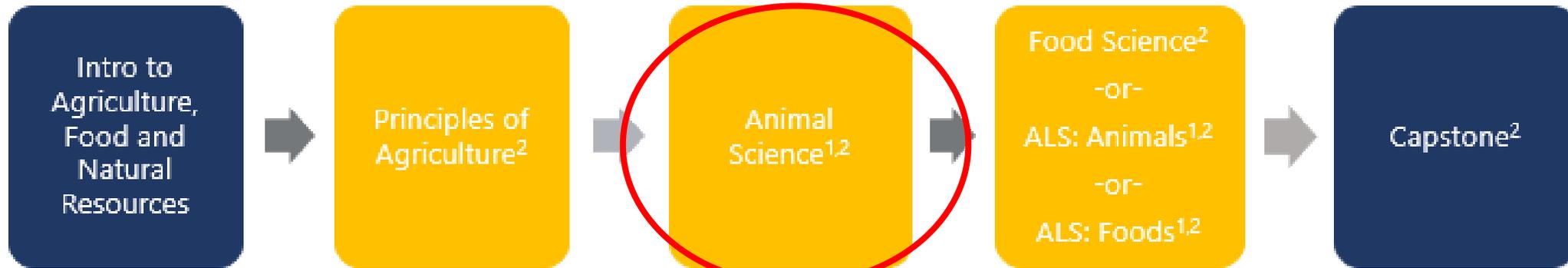
- Begins all the agriculture NLPS
- NOT eligible for funding at the 8<sup>th</sup> grade level
- Dual credit alignment with
  - AGRI 100 Intro to Agriculture- Ivy Tech
  - AGBS 101 Intro to Agribusiness- Vincennes



# Course Sequencing

## AGRISCIENCE: ANIMAL

Agriculture, Food, and Natural Resources



Supervised Agricultural Experience (SAE)

<sup>1</sup> Satisfies a Core40 Science requirement. <sup>2</sup>Statewide dual credit available.

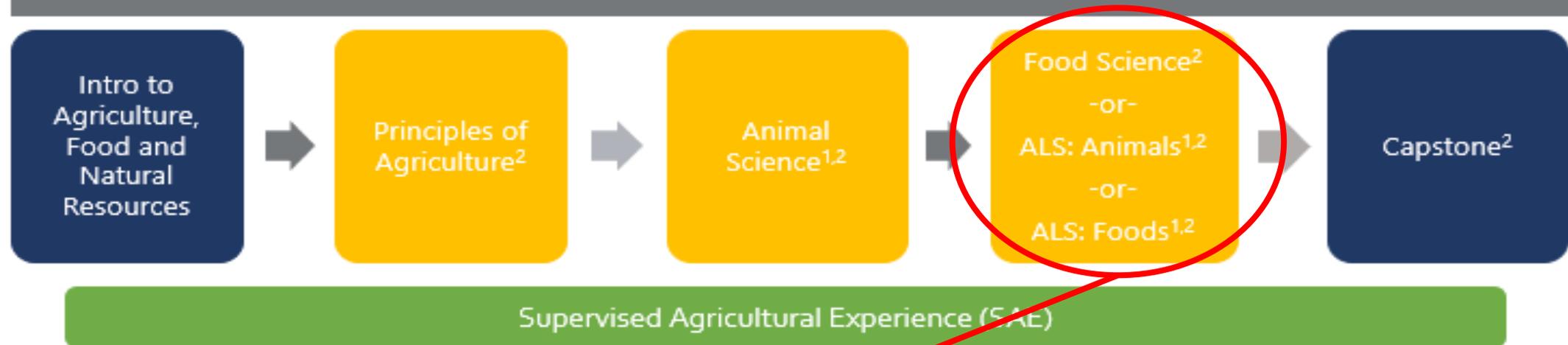
- Principles of Agriculture is a required prerequisite
- Can be taught concurrently with the principles and/or concentrator B course
- Fulfills a science course requirement for all diplomas
- Dual credit alignment with
  - AGRI 103 Animal Science- Ivy Tech



# Course Sequencing

## AGRISCIENCE: ANIMAL

Agriculture, Food, and Natural Resources



<sup>1</sup> Satisfies a Core40 Science requirement. <sup>2</sup>Statewide dual credit available.

- Principles of Agriculture is a required prerequisite
- Can be taught concurrently with the principles and/or concentrator A course
- Fulfills a science course requirement for all diplomas (ALS: Animals and ALS: Foods)
- Dual credit alignment with
  - AGRI 107 ALS: Animals – Ivy Tech -or-
  - AGRI 104 Food Science – Ivy Tech -or-
  - AGRI 108 ALS: Foods – Ivy Tech



# Course Sequencing

## AGRISCIENCE: ANIMAL

Agriculture, Food, and Natural Resources



<sup>1</sup> Satisfies a Core40 Science requirement. <sup>2</sup>Statewide dual credit available.

- Recommended that at least 2 credits of a capstone course is offered but NOT required
- Multiple options available
  - Agriculture Biotechnology Capstone- available for the AgriScience pathway only
  - Agribusiness Capstone- available for each ag pathway
  - Agricultural Research Capstone- available for each ag pathway



# NLPS Resources

- The Office of CTE has a web page on their website dedicated to the [Next Level Programs of Study Resources](#)
  - Available Courses for 2021-2022
  - Program Categorizations and Funding Levels
  - Perkins V Pathways w/ current courses vs. w/NLPS courses
  - NLPS Review Document
  - NLPS Assignment Codes
  - 2021-2022 Indiana CTE Career Guide
  - NLPS Webinar
  - NLPS Implementation Workshop



# Questions

- Contact

- Kimberly Barkman, Agriculture Education Program Manager

- [kbarkman@isda.in.gov](mailto:kbarkman@isda.in.gov)

- Tony Harl, Assistant Director of Career and Technical Education

- [aharl1@gov.in.gov](mailto:aharl1@gov.in.gov)

