

NLPS: AgriScience- Plant

An overview of the program of study



NLPS General Information

- NLPS take affect for the class of 2025 (current 8th 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: Plant 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)
 - Plant and Soil Science- \$400 (moderate value, level 1)
 - Food Science -or- ALS: Plant and Soil -or- ALS: Foods- \$400 (moderate value, level 1)
 - Agriscience Capstone- \$600 (moderate value, level 2)



NLPS AgriScience: Animal Information

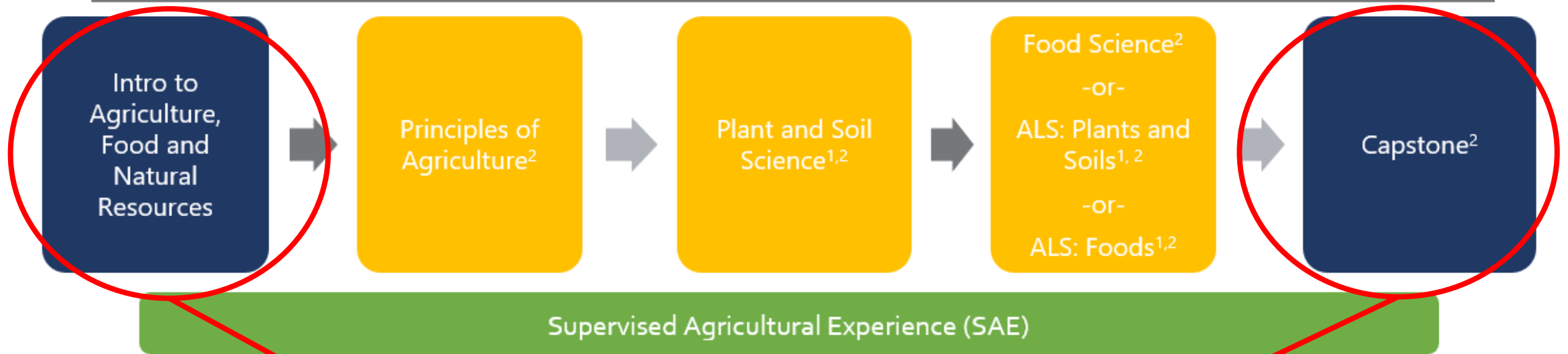
- A complete list of the courses included in the AgriScience: Plant program of study can be found on the [NLPS Review Document](#)
 - Includes the following
 - DOE Course Codes
 - Course Titles and Descriptions
 - Postsecondary Alignment
 - Key Competencies required for each course pulled from the postsecondary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



Course Sequencing

AGRISCIENCE: PLANT AND SOIL

Agriculture, Food, and Natural Resources



¹ Satisfies a Core 40 Science requirement. ²Statewide dual credit available.

These courses are recommended, but NOT required.

- The Intro to AFNR course can be offered at the 8th 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

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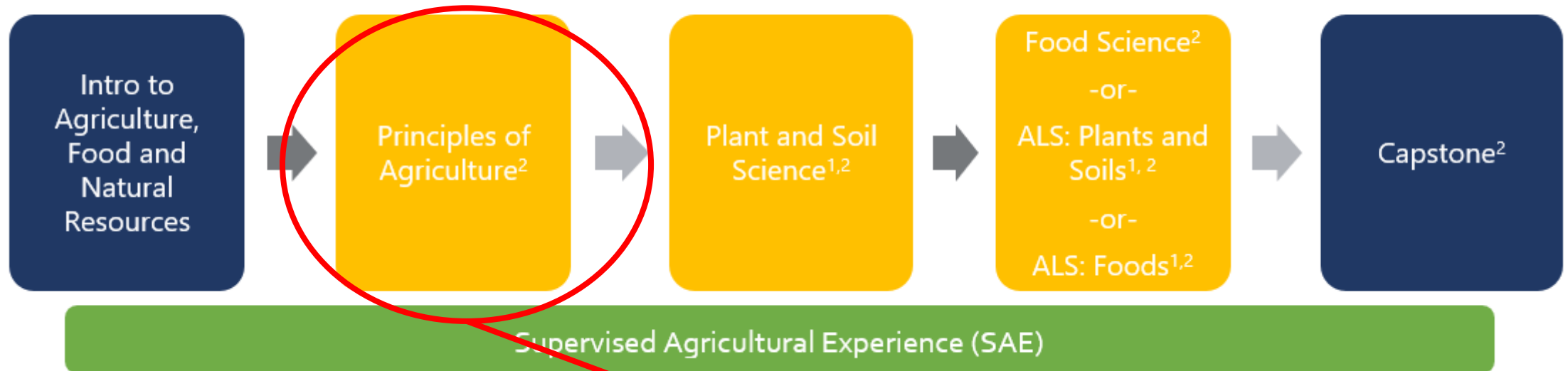
This course sequence was designed to allow students to obtain a foundation in plant and soil agriculture through science and laboratory principles. These courses will prepare students to further their education in a postsecondary setting or join the workforce.



Course Sequencing

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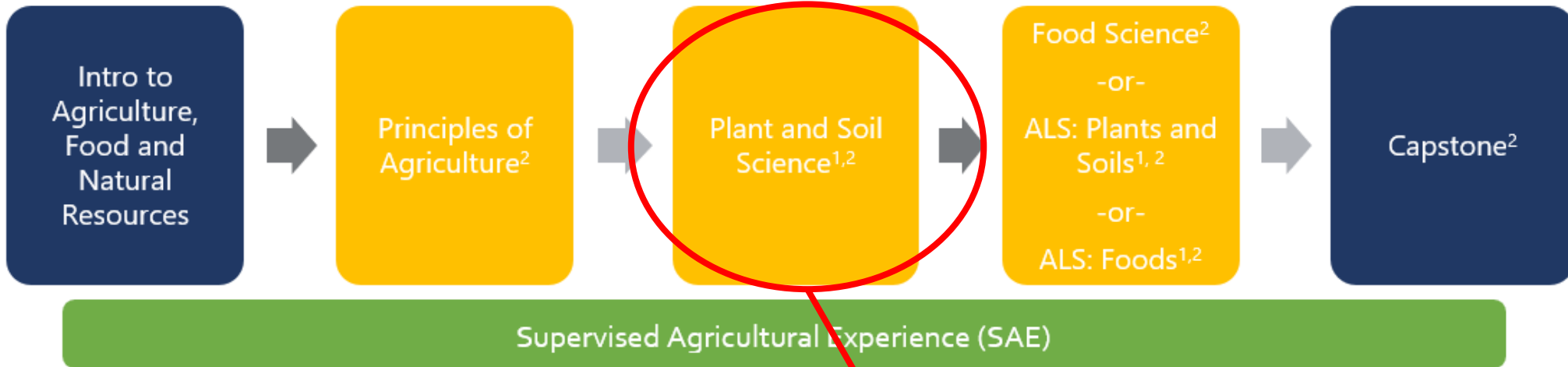
- Begins all the agriculture NLPS
- NOT eligible for funding at the 8th grade level
- Dual credit alignment with
 - AGRI 100 Intro to Agriculture- Ivy Tech
 - AGBS 101 Intro to Agribusiness- Vincennes



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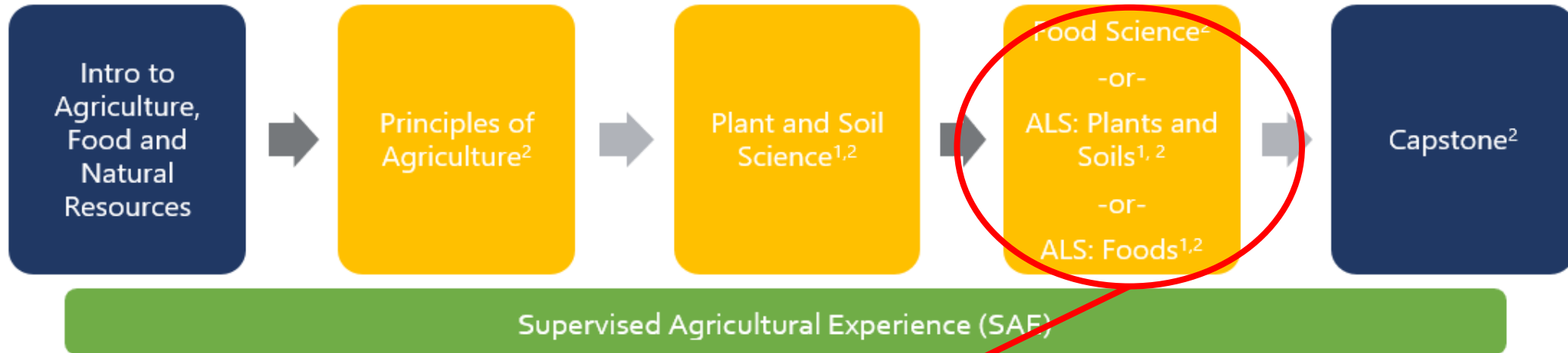
- Principles of Agriculture is a required prerequisite
- Can be taught concurrently with the principles and/or concentrator B course
- Fulfills a science course requirement for all diplomas
- Dual credit alignment with
 - AGRI 105 Plant and Soil Science- Ivy Tech



Course Sequencing

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- 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: Plants and ALS: Foods)
- Dual credit alignment with
 - AGRI 109 ALS: Plant and Soil – Ivy Tech -or-
 - AGRI 104 Food Science – Ivy Tech -or-
 - AGRI 108 ALS: Foods – Ivy Tech



Course Sequencing

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- 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

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