

# Akins-Green Tech Academy

2022-2023

## 1. Cluster: Agriculture, Food and Natural Resources - Endorsement: Business & Industry

### Program of Study: Animal Science

| Level 1  | Level 2   | Level 3  | Level 4  |
|--|---|--|--|
| <p><b>Principles of Agriculture, Food, and Natural Resources</b><br/>(8300.R000.Y)<br/><b>PEIMS Coding 13000200</b><br/>(1 credit)</p> | <p><b>Small Animal Management</b><br/>(8302.R000.X)<br/><b>PEIMS Coding 13000400</b><br/>(0.5 Credit)<br/>AND<br/><b>Equine Science</b><br/>(8303.R000.X)<br/><b>PEIMS Coding 13000500</b><br/>(0.5 credit)</p> | <p><b>Veterinary Medical Applications</b><br/>(8304.HA00.Y)<br/><b>PEIMS Coding 13000600</b><br/>(1 credit)<br/>OSHA 10-hr. Certification<br/>(Agriculture)<br/>OR<br/><b>Livestock Production</b><br/>(8301.R000.Y)<br/><b>PEIMS Coding 13000300</b><br/>(1 credit)</p> | <p><b>Practicum in Ag, Food, and Natural Resources</b><br/>(8310.HA00.Y)<br/><b>PEIMS Coding 13002500</b><br/>(2 credits)<br/>Certified Veterinary Assistant<br/>OR<br/><b>Advanced Animal Science</b><br/>(8110.HA00.Y)<br/><b>PEIMS Coding 13000700</b><br/>(1 credit)</p> |

### Program of Study: Environmental and Natural Resources

| Level 1  | Level 2  | Level 3   | Level 4   |
|--|--|---|---|
| <p><b>Principles of Agriculture, Food, and Natural Resources</b><br/>(8300.R000.Y)<br/><b>PEIMS Coding 13000200</b><br/>(1 credit)</p> | <p><b>Range Ecology and Management</b><br/>(8323.R000.Y)<br/><b>PEIMS Coding 13001600</b><br/>(1 credit)</p> | <p><b>Wildlife, Fisheries, &amp; Ecology Management</b> (8321.R000.Y)<br/><b>PEIMS Coding 13001500</b><br/>(1 credit)<br/>OSHA 10-hr. Certification<br/>(Agriculture)</p> | <p><b>Practicum in Ag, Food, and Natural Resources</b><br/>(8310.HA00.Y)<br/><b>PEIMS Coding 13002500</b><br/>(2 credits)<br/>Leave No Trace<br/>Texas Angler Education Certification<br/>Texas Hunter Education Certification<br/>CPR and First Aid<br/>Google Analytics Individual Qualification<br/>OR<br/><b>Advanced Energy and Natural Resource Technology</b><br/>TBD<br/><b>PEIMS Coding 13001110</b></p> |

### Program of Study: Plant Science

| Level 1  | Level 2  | Level 3  | Level 4  |
|--|--|--|--|
| <p><b>Principles of Agriculture, Food, and Natural Resources</b><br/>(8300.R000.Y)<br/><b>PEIMS Coding 13000200</b><br/>(1 credit)</p> | <p><b>Horticultural Science</b><br/>(8327.R000.Y)<br/><b>PEIMS Coding 13002000</b><br/>(1 credit)<br/>OSHA 10-hr. Certification<br/>(Agriculture)<br/>OR<br/><b>Floral Design</b><br/>(8348.R000.Y)<br/><b>PEIMS Coding 13001800</b><br/>(1 credit)<br/>Texas State Floral Association<br/>Level 1 Certification<br/>Knowledge Based Exam<br/>Level 1<br/>TSFA</p> | <p><b>Horticultural Science</b><br/>(8327.R000.Y)<br/><b>PEIMS Coding 13002000</b><br/>(1 credit)<br/>OSHA 10-hr. Certification<br/>(Agriculture)<br/>OR<br/><b>Floral Design</b><br/>(8348.R000.Y)<br/><b>PEIMS Coding 13001800</b><br/>(1 credit)<br/>Texas State Floral Association<br/>Level 1<br/>Certification<br/>Knowledge Based Exam<br/>Level 1<br/>TSFA</p> | <p><b>Practicum in Ag, Food, and Natural Resources</b><br/>(8310.HA00.Y)<br/><b>PEIMS Coding 13002500</b><br/>(2 credits)<br/>Texas State Floral Association<br/>Level 2 Certification<br/>Google Analytics Individual Qualification<br/>OR<br/><b>Advanced Floral Design</b><br/>(8349.HA00.Y)<br/><b>PEIMS Coding N1300270</b><br/>(1 credit)<br/>Texas State Floral Association<br/>Level 2 Certification<br/>Google Analytics Individual Qualification</p> |

**2. Elective Only (does not satisfy endorsement requirements for any of the above pathways)**

|  |   |   |  |
|--|---|---|--|
|  | <p><b>Professional Communications</b><br/>(8502.R000.X)<br/><b>PEIMS Coding 13009900</b><br/>(0.5 credit)</p> | <p><b>Business Information Management I</b><br/>(8610.HT00.Y)<br/><b>PEIMS Coding 13011400</b><br/>(1 credit)</p> | <p><b>Scientific Research/Design (Quantum Computing)</b><br/>(8761.HA00.Y)<br/><b>PEIMS Coding 13037200</b><br/>(1 credit)</p> |
|--|---|---|--|

**"HT" Course Numbers:**course available for articulation with ACC and student enrolled is a 9th or 10th grader; weighted credit

**"H0" Course Numbers:**course available for articulation with ACC and but student enrolled is an 11th or 12th grader; weighted credit

**"HA" Course Numbers:** advanced courses in the program of study selected for an endorsement

Successful completion of the program of study will fulfill requirements of either a Business and Industry, Public Service, or STEM endorsement.

**ALTERNATE COURSES:** At least 2 full credits of alternate courses must be selected from the list above. These courses cannot be selected anywhere else on the choice sheet. These courses will be substituted for any course you request that is not offered, for which you do not have prerequisite, or for which you do not have approval.

| COURSE TITLE | CREDIT (CIRCLE ONE) |     |
|--------------|---------------------|-----|
|              | 0.5                 | 1.0 |
|              | 0.5                 | 1.0 |
|              | 0.5                 | 1.0 |