

**Virginia Polytechnic Institute and State University**  
**Department of Agricultural, Leadership, & Community Education**

**Bachelor of Science in Agricultural Sciences**

Option: Community Leadership and Development - Sample Plan of Study

**Freshman Year**

<u>Semester One</u>	<u>Hours</u>	<u>Semester Two</u>	<u>Hours</u>
ALS 1234 – CALS First Year Experience	1	AAEC 1006 – Economics of Food & Fiber Systems	3
AAEC 1005 – Economics Food & Fiber Systems	3	+ALCE 3004 – Educ. Program Ag. & Life Sciences	3
BIOL 1105 – Principles of Biology*	3	BIOL 1106 – Principles of Biology*	3
BIOL 1115 – Principles of Biology Laboratory*	1	BIOL 1116 – Principles of Biology Laboratory*	1
ENGL 1105 – First-Year Writing	3	ENGL 1106 – First-Year Writing	3
+LDRS 1015 – Exploring Citizen Leadership	3	MATH 1014 – Precalculus with Tran. Functions	3
<b>Total Hours</b>	<b>14</b>	<b>Total Hours</b>	<b>16</b>

\* *Note.* Biology and Biology lab may be substituted with a Chemistry or Geology sequence of courses.

**Sophomore Year**

<u>Semester Three</u>	<u>Hours</u>	<u>Semester Four</u>	<u>Hours</u>
+ALCE 2414 – Identity and Inclusion in Agric.	3	+ALCE 3634 – Communicating Agric. in Speaking	3
Area of Specialization Course	3	Area of Specialization Course	3
Concept 2 Elective	3	Concept 2 Elective	3
Restricted Elective	3	Concept 6D Elective	3
STAT 2004 – Introductory Statistics	3	Restricted Elective	3
<b>Total Hours</b>	<b>15</b>	<b>Total Hours</b>	<b>15</b>

**Junior Year**

<u>Semester Five</u>	<u>Hours</u>	<u>Semester Six</u>	<u>Hours</u>
+ALCE 4014 – Introduction to Coop Extension	3	AAEC 3324 – Environ. & Sustainable Develop.	3
+ALCE 3014 – Leadership Effective for Ag	3	+ALCE 3624 – Communicating Agric. in Writing	3
Concept 5A Elective	3	Area of Specialization Course	3
+LDRS 2014, or +ALCE/LDRS 4054, or +ALCE/LDRS 4754, or +ALCE/LDRS 4994*	3	Concept 6A Elective	3
Restricted Elective	3	Restricted Elective	3
<b>Total Hours</b>	<b>15</b>	<b>Total Hours</b>	<b>15</b>

\* *Note.* Experience-based courses may also be completed in Summer II.

**Senior Year**

<u>Semester Seven</u>	<u>Hours</u>	<u>Semester Eight</u>	<u>Hours</u>
+ALCE 4034 – Methods Planning Educ. Programs	3	+ALCE 4044 – Agricultural Sciences Seminar	3
+ALCE 4304 – Community Education & Develop.	3	Area of Specialization Course	3
+LDRS 3104 – The Dynamics of Leadership	3	Area of Specialization Course	3
Area of Specialization Course	3	+LDRS – 3304 Elements of Team Leadership	3
Restricted Elective	3	Restricted Elective	3
<b>Total Hours</b>	<b>15</b>	<b>Total Hours</b>	<b>15</b>

**TOTAL CREDIT-HOURS FOR ALL YEARS** ..... 120

**Note.** Check Transfer Guide for <https://www.alce.vt.edu/student-info/undergraduate/agosciences/agsc-course.html> for approved courses completed at community colleges.

+ **IN-MAJOR GPA:** Indicates in-major courses for purposes of calculating in-major GPA.

**Area of Specialization can be an approved minor:** Approved minors include: Agricultural and Applied Economics (AAEC: ABMN, AEMN, ENMN, or ITMN), Animal and Poultry Science (APSC), Civic Agriculture and Food Systems (CAFS), Crop and Soil Environmental Sciences (CSES), Dairy Science (DASC), Environmental Science (ENSC), Entomology (ENT), Equine Production (APEQ), Food Science and Technology (FST), Forestry (FORS), Horticulture (HORT), International Agriculture (IAG), Leadership and Social Change (ILRM), Turfgrass Management (TRFM), Urban Forestry (URBF), Viticulture (VITI), Watershed Management (WSM), Wetland Science (WESC), or Wood Science & Forest Products (WOOD).

**If a minor is not selected for an Area of Specialization,** students must work with advisor to choose courses (15 of 18 credit hours must be at 3000-level or higher) from the following areas: Agricultural and Life Science (ALS), Agricultural and Applied Economics (AAEC), Animal and Poultry Science (APSC), Biochemistry (BCHM), Biological Systems Engineering (BSE), Crops, Soils, and Environmental Science (CSES), Dairy Science (DASC), Environmental Science (ENSC), Entomology (ENT), Fisheries and Wildlife (FIW), Food Science and Technology (FST), Forestry (FOR), Human Nutrition Food and Exercise (HFNE), Horticulture (HORT), Leadership and Social Change (LDRS), Plant Pathology and Weed Science.