Virginia Polytechnic Institute and State University
College of Agriculture & Life Sciences
Department of Agricultural, Leadership, & Community Education

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Bachelor of Science
Agricultural Sciences (AGSC) Major
Community Leadership and Development (CLD) Option

Student date of entry under UG Catalog 2022-2023

Part I. University Pathways General Education Requirements - 44 credit hours

Concept 1: Discourse – 9 credit hours required
    1F – ENGL 1105 First-Year Writing   3 _____
    1F – ENGL 1106 First-Year Writing   3 _____
    1A – ⁺*ALCE 2414 Identity and Inclusion in Agriculture   3 _____

Concept 2: Critical Thinking in the Humanities – 6 credit hours required
    ____ ____ _____   3 _____
    ____ ____ _____   3 _____

Concept 3: Reasoning in the Social Sciences – 6 credit hours required
    AAEC 1005 Economics of Food & Fiber Systems   3 _____
    AAEC 1006 Economics of Food & Fiber Systems   3 _____

Concept 4: Reasoning in the Natural Sciences – 8 credit hours required
    BIOL 1105 Principles of Biology, BIOL 1115 Principles of Biology Laboratory   3 _____, 1 _____
    BIOL 1106 Principles of Biology, BIOL 1116 Principles of Biology Laboratory   3 _____, 1 _____
                          OR
    CHEM 1015 Chemistry in Context, CHEM 1025 Chemistry in Context Lab
    CHEM 1016 Chemistry in Context, CHEM 1026 Chemistry in Context Lab
                          OR
    GEOS 1004 Introduction to Earth Science, GEOS 1104 Introduction to Earth Science Lab
    GEOS 1024 Earth Resources, Soc, & Env, GEOS 1124 Earth Res, Soc, & Env Lab

Concept 5: Quantitative and computational thinking – 9 credit hours required
    5F – MATH 1014 Precalculus with Transcendental Functions   3 _____
    5F – STAT 2004 Introductory Statistics   3 _____
    5A – ____ ____ _____   3 _____

Concept 6: Critique and Practice in Design and the Arts - 6 credit hours required
    6D – ____ ____ _____   3 _____
    6A – ____ ____ _____   3 _____

Concept 7: Critical Analysis of Identity and Equity in the United States
    ⁺*ALCE 2414 Identity and Inclusion in Agriculture*   3 _____

Part II. Degree Core Requirements – 19 credit hours

    ALS 1234 CALS First Year Seminar   1 _____
    ⁺ALCE 3004 Educational Programs in Agriculture & Life Sciences 3 _____
    ⁺LDRS 1414 Citizen Leadership   3 _____
    ⁺ALCE 3624 Communicating Agriculture in Writing   3 _____
    ⁺ALCE 3634 Communicating Agriculture in Speaking   3 _____
    ⁺*ALCE 4034 Methods of Planning Educational Programs for Agriculture   3 _____
    ⁺ALCE 4044 Agricultural Sciences Seminar   3 _____

AGRICULTURAL SCIENCES – COMMUNITY LEADERSHIP & DEVELOPMENT OPTION
GRADUATION CHECKSHEET (continued)

Part III. Option in Community Leadership and Development Requirements – 39 credit hours

A. Disciplinary Core Courses – 21 credit hours

*AAEC 3324 Environment and Sustainable Development Economics   3 _____
⁺ALCE 4014 Introduction to Cooperative Extension   3 _____
⁺ALCE 4304 Community Education and Development   3 _____
⁺*LDRS 3104 The Dynamics of Leadership   3 _____
⁺*LDRS 3304 Elements of Team Leadership   3 _____

<u>Choose 3 credits from:</u>
⁺LDRS 2014 Principles of Peer Leadership, or ⁺ALCE/LDRS 3954 Study Abroad,   3 _____
or ⁺ALCE 4054 Internship in Coop Extension, or ⁺ALCE/LDRS 4754 Internship,
or ⁺ALCE/LDRS 4964 Field Study, or ⁺ALCE/LDRS 4994 Undergraduate Research

B. Restricted Electives – 18 credit hours

⁺ALS 2204 Intro to Civic Agriculture, or ⁺*ALS 4204 Concepts in Community Food   3 _____, 3 _____,
Systems[1], or ⁺LDRS 1XXX & higher, or PHIL 1XXX & higher, or PSYC 2XXX or   3 _____, 3 _____,
higher, or SOC 2XXX & higher, or AAEC 3XXX & higher, or PSCI 3XXX & higher,   3 _____, 3 _____
or ⁺ALCE 4XXX, or MGT 4XXX, or UAP 3354 Introduction to Environmental Policy
and Planning, or UAP 4264 Environmental Ethics and Policy[2], or UAP 4374 Land
Use and Environment: Planning and Policy, or UAP/GEOG/SOC 4764 International
Development and Policy Planning.

Part IV. Area of Specialization – 18 credit hours[3]

____ ____ _____   ____ ____
____ ____ _____   ____ ____
____ ____ _____   ____ ____
____ ____ _____   ____ ____
____ ____ _____   ____ ____
____ ____ _____   ____ ____

Part V. Free Electives – 0 credit hours (or balance to 120 credit hours)

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____ ____ _____   ____ ____

GRADUATION REQUIREMENTS:
*Some courses listed on this checksheet may have prerequisites; please consult the University Course Catalog or check with your advisor.
[1]Prerequisite includes enrollment in the Civic Agriculture and Food Systems (CAFS) minor.
[2]Prerequisites include UAP/PSCI 3344 Global Environmental Issues: Interdisciplinary, and UAP 3354 Introduction to Environmental Policy and Planning.
[3]AGSC advisor must approve area of specialization courses and the student must file an *area of specialization form* with the Department of Agricultural, Leadership, and Community Education undergraduate office. Students may either choose an approved minor to fulfill this requirement, or complete at least 15 hours at the 3000 level or higher. Approved minors include: Academic Programs (CAFS, IAG, or IHW), Agricultural and Applied Economics (AAEC: ABMN, AEMN, ENMN, or ITMN), Agricultural, Leadership, and Community Education (ALCE: TLAG, ILRM), Animal and Poultry Science (APSC: APSC or EPEQ), Dairy Science (DASC), Entomology (ENT), Food Science and Technology (FST), Forest Resources and Environmental Conservation (FREC: FORS, UACF, or WSM), Plant and Environmental Sciences (SPES: CSES, ENSC, HORT, TRFM, VITI, or WESC), or Sustainable Biomaterials (SBIO). If a minor is not selected, students must choose courses from the following areas for their area of specialization: Agricultural and Life Science (ALS), Agricultural and Applied Economics (AAEC), Agricultural, Leadership, and Community Education (ALCE), 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 (PPWS), School of Plant and Environmental Sciences (SPES).
⁺ **IN-MAJOR GPA**: Indicates in-major courses for purposes of calculating in-major GPA.
PREREQUISITES: Some courses required for this major have prerequisites. Please refer to the Undergraduate Course Catalog or consult your advisor for information about prerequisites.
FOREIGN LANGUAGE: Requires 2 years of high school study in the same language (equivalent to 1105).
Has foreign language requirement been completed?   (Yes/No) _____
Courses taken at Virginia Tech to complete the foreign language requirement will not count toward graduation.
SATISFACTORY PROGRESS: By the end of the academic year in which the student has attempted 72 hours (including transfer, advanced placement, advanced standing and credit by examination), "satisfactory progress" will consist of 1) GPA of at least 2.0; 2) at least 24 credits that apply to the University Core, and 3) 9 credit credits of departmental requirements.
MINIMUM OVERALL GPA REQUIRED FOR GRADUATION: 2.00
MINIMUM IN-MAJOR GPA REQUIRED FOR GRADUATION: 2.00