Virginia Polytechnic Institute & State University
College of Agriculture & Life Sciences
Bachelor of Science in Applied Economic Management
Community Economic Development Option (CED)
For Students Graduating in Calendar Year 2014

Part I. UNIVERSITY, COLLEGE, AND DEPARTMENT CLE *
* The total number of credit hours will vary depending upon whether Curriculum for Liberal Education courses are used to meet specific requirements in Part II. Some Curriculum for Liberal Education courses may also fulfill departmental requirements, but the credit hours may not be counted twice.

(Area 1) ENGL 1105-1106     Freshman English 3_,3_
(Area 2) (Ideas, Cultural Traditions, and Values) 3_,3_
(Area 3) AAEC 1005-1006¹     Econ. of the Food and Fiber System 3_,3_
(Area 4) (Scientific Reasoning and Discovery) Lecture 3_,3_
          Lab 1__,1__
(Area 5) MATH 1525-1526²     Elem. Calculus with Matrices 3__,3__
(Area 6) (Creativity and Aesthetic Experience)                   1__
(Area 7) (Critical Issues in a Global Context) 3__

ACIS 2115 Principles of Accounting 3__
COMM 2004 or Public Speaking
AEE 3634³ Comm. Ag. & Life Sci. in Speaking 3__
ENGL 3774⁴ Business Writing 3__

Part II. COMMUNITY ECONOMIC DEVELOPMENT (CED)
A. Disciplinary Core Courses (26 hours)
AAEC 2434⁵ Foundations of Agribusiness 3__
AAEC 3004 Agricultural Production and Consumption Econ. 3__
AAEC 3604 or 3314 Agricultural Law or Environmental Law 3__
AAEC 3324 Environment and Sustainable Dev. Economics 3__
AAEC 4324 Rural and Regional Development Policy 3__
AAEC 4334 Applications in Rural Development 1__
AAEC 3024 Monetary and Global Issues in Applied Econ. 3__
AAEC 3015 AAEC Internship 1__

Choose 2 of the following:
AAEC 3204 International Agricultural Dev & Trade (Area 7) 3__
AAEC 4314 Environmental Economic Analysis and Mgmt. 3__
ECON 3014 Economics of Poverty

B. Analytical Methods (9 hours)
STAT 3005, STAT 3615 or BIT 2405 Statistical Methods or Quantitative Methods 3__
and AAEC 3014⁶ Analytic Methods in Applied Economics 3__
GEOG 4084⁷ Intro to Geographic Information Systems (GIS) 3__

C. Restricted Electives -- 9 hours total (6 hours must be at the 3000 level or higher)
AAEC 3__
AAEC 3__
or ECON 4044 Public Economics 3__
or ECON 4304 Introduction to Econometric Methods
or UAP 4754 Legal Foundations of Planning.
or STAT 4214 Methods of Regression Analysis
or STAT 4524 Sample Survey Methods

Part III. AREA OF SPECIALIZATION AND FREE ELECTIVES
A. Area of Specialization (18 hours) – AAEC advisor must approve area of specialization courses and the student must file an area of specialization form with the AAEC undergraduate office. Students should consider minors or double majors. At least 15 hours must be at the 3000 level or higher (unless noted otherwise for a minor in another academic department).

Course 3__ Course 3__
Course 3__ Course 3__
Course 3__ Course 3__

B. Free Electives (number needed to complete 120 hours)
Course 3__ Course 3__
NOTES:

Pre-requisites: 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 Requirement: Students who do not successfully complete at least two units of a single foreign language, classical language or American Sign Language during high school must successfully complete six semester hours of a single college level foreign or classical language at the college level. Such semester hours are in addition to those normally required for graduation. Please see the Undergraduate Catalog for details.

GPA: In major calculation is from all AAEC and ECON classes taken. An overall GPA of at least 2.0 is required to meet the University’s minimum standard for good academic standing. Overall and in-major GPA’s of at least 2.00 are required for graduation.

ViEWS: The ViEWS requirement for this major will have been satisfied upon successful completion of the degree requirements.

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) an overall GPA of at least 2.0; 2) at least 24 credits that apply to the University Curriculum for Liberal Education, and 3) 9 semester credits of departmental requirements.

1 Or take ECON 2005-2006: Principles of Economics
2 Or take MATH 1015-1016: Elem. Calculus with Trig. I; or MATH 1016, 2015: Elem. Calculus w/Trig., Elem. Calculus w/Trig II.; or MATH1205-1206: Calculus. Students considering graduate school in applied economics are encouraged to take MATH 1205-1206.
3 Or take COMM 2014: Speech Communication; or COMM 3134: Argumentation and Decision-Making.
4 Or take ENGL 3764: Technical Writing; or ENGL 3754: Advanced Composition.
5 Or AAEC 2104: Personal Financial Planning.
6 Or BIT 2405-2406, STAT 3005-3006, or STAT 3615-3616.
7 Or BSE 4344: Geographic Information Systems for Engineers.