Courses are subject to revision and final approval.

AFRICAN LANG UAGES

102B*. Elementary African Language II
Spring. 4(4-1)
R: Approval of department.
Further work on speaking, reading, and writing an African language, with continued emphasis on developing oral proficiency skills.
QP: AFR 101
QA: AFR 102 AFR 103

151*. Beginning Individualized African Language
Fall. 4(4-1)
R: Approval of department.
Individualized study of an African language at the elementary level. Speaking, reading, and writing, with emphasis on developing oral proficiency skills.
QP: AFR 101
QA: AFR 102 AFR 103

153*. Beginning Individualized African Language II
Spring. 4(4-1)
R: Approval of department.
Further individualized work on speaking, reading, and writing an African language, with continued emphasis on developing oral proficiency skills.
QP: AFR 101
QA: AFR 102 AFR 103

201A*. Second Year Swahili I
Fall. 4(4-1)
P: AFR 102A or R: Approval of department.
Intermediate-level work on speaking, reading, and writing Swahili, with emphasis on developing oral proficiency skills.
QP: AFR 103
QA: AFR 201 AFR 202

201B*. Second Year African Language I
Fall. 4(4-1)
R: Approval of department.
Intermediate-level work on speaking, reading, and writing an African language, with continued emphasis on developing oral proficiency skills.
QP: AFR 103
QA: AFR 201 AFR 202

202A*. Second-Year Swahili II
Spring. 4(4-1)
P: AFR 201 A or R: Approval of department.
Further intermediate-level work on speaking, reading, and writing Swahili, with continued emphasis on developing oral proficiency skills.
QP: AFR 201
QA: AFR 202

202B*. Second-Year African Language II
Spring. 4(4-1)
R: Approval of department.
Further intermediate-level work on speaking, reading, and writing an African language, with continued emphasis on developing oral proficiency skills.
QP: AFR 201
QA: AFR 202

251*. Intermediate Individualized African Language I
Fall. 4(4-1)
R: Approval of department.
Intermediate-level individualized work on speaking, reading, and writing an African language, with emphasis on developing oral proficiency skills.
QP: AFR 103
QA: AFR 201 AFR 202

253*. Intermediate Individualized African Language II
Spring. 4(4-1)
R: Approval of department.
Further intermediate-level individualized work on speaking, reading, and writing an African language, with continued emphasis on developing oral proficiency skills.
QP: AFR 201
QA: AFR 202

290*. Independent Study
Fall. Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits.
R: Approval of the Department
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

450A*. Advanced Swahili
Fall. Spring. 1 to 5 credits. May reenroll for a maximum of 20 credits.
P: AFR 202A or R: Approval of department.
Advanced study of Swahili. Speaking, reading, and writing, with emphasis on developing oral proficiency skills.
QP: AFR 203
QA: AFR 450

450B*. Advanced African Language
Fall. Spring. 1 to 5 credits. May reenroll for a maximum of 24 credits.
R: Approval of department.
Advanced study of an African language. Speaking, reading, and writing, with emphasis on developing oral proficiency skills.
QP: AFR 203
QA: AFR 450

490*. Independent Study
Fall, Summer. 1 to 4 credits.
May reenroll for a maximum of 8 credits.
R: Approval of the Department
Special topics supplementing regular course offerings proposed by faculty on a group study basis.

AGRICULTURAL AND EXTENSION EDUCATION
AEE

101*. Introduction to Education and Communications in Agriculture & Natural Resources
Fall. 3(3-0)
P: AEE 101 or AEE 201 or JRN 108 or JRN 206.
R: Open only to College of Agriculture and Natural Resources students.
Historical and philosophical foundations of agriscience education and Agriculture and Natural Resources communications. Theories and principles of teaching, learning, and leadership in the context of the land-grant system.
QP: AFR 203

201*. Visual Communications in Agriculture and Natural Resources
Spring. 3(3-0)
P: AEE 101. R: Not open to freshmen.
Open only to students in Agriculture and Natural Resources Communications.
Understanding, use, design, and production of visual communications in agriculture and natural resources. Posters, print advertisements, and presentation graphics.
QA: AEE 230

203. American Agrarian Movements
Spring. 3(3-0)
Historical perspectives of America by pioneers, farmers, ranchers and others who cultivated the land from 1700s to 1930. Agricultural movements, trends and developments.
QA: AEE 203

301*. Exploring World Agriculture and Natural Resources
Fall. 3(3-0)
P: AEE 101 or CSS 101 or FSM 200 or RD 201.
R: Not open to freshmen and sophomores.
International dimensions of agriculture and natural resources. Economic, geographic, natural and political constraints.
QP: CSS 101 OR FSM 200 OR RD 201
QA: AFR 203

302*. Developing and Managing Agriscience and Natural Resources Education Programs
Fall. 3(3-0)
P: AEE 101. R: Open only to College of Agriculture and Natural Resources and College of Education majors.
Development, management and relationships of key components in effective agriscience and natural resources education programs. Community resource use, leadership development, program evaluation.
QP: TE 323
QA: AEE 360 AEE 361 AEE 362

303*. Issues in Agricultural and Environmental Education Programs
Fall. 3(2-2)
P: AEE 101 or TE 150 or FWM 202.
R: Not open to freshmen and sophomores.
Open only to students with a secondary teaching minor in the College of Agriculture and Natural Resources Teaching.
Assessment and analysis of current issues and their impact on agricultural and environmental education programs.
QP: FW 203

401*. Agricultural and Natural Resources Communications Campaigns
Fall. Spring, Summer. 3(4-0)
P: AEE 101 or AEE 201 or JRN 108 or JRN 206.
R: Open only to College of Agriculture and Natural Resources students.
Planning and execution of agricultural and natural resource communication campaigns. Emphasis on theories, strategies and techniques using mass and controlled media channels.
QP: JRN 201
QA: AEE 481

403*. Agricultural and Natural Resources Leadership and Education
Spring. 3(3-0)
P: AEE 201 or AEE 302. R: Not open to freshmen and sophomores.
Characteristics of leadership, group dynamics, and development of personal leadership skills. Educational methods and learning styles.
QP: AEE 350 AEE 360 AEE 362

411*. Traditional Cultural Resources
Fall. 3(3-0) Interdepartmental with the Department(s) of Resource Development.
P: AEE 201 or RD 201 or HA 205. R: Juniors and above
Identification and use of traditional cultural resources in developing policies and programs in education, conservation, and community and economic development.
QP: AFR 203

499*. Independent Study
Fall, Spring, Summer. 1 to 4 credits. May reenroll for a maximum of 8 credits.
P: AEE 101. R: Open only to Agriscience and Natural Resources Education and AEE majors.
International dimensions of agriculture and natural resources. Economic, geographic, natural and political constraints.
QP: AEE 481
QA: AEE 483
AGRICULTURAL AND EXTENSION EDUCATION

497*. Selected Topics
Fall, Spring, Summer. 1 to 4 credits. May repeat for a maximum of 4 credits.
P: AEE 101 or AEE 401. R: Open only to students with an AEE major.
Topics selected to meet students' needs in agricultural and natural resources education.
QA: AEE 401 OR AEE 360

501*. Global Development Through Agricultural and Extension Education
Fall. 3(3-0)
P: AEE 806. R: None
Application of education theories, principles and practices in planning, conducting and evaluation (formal and non-formal) programs that focus on international development through agricultural and extension education.
QA: AEE 802

502*. Program Administration in Agricultural and Extension Education
Fall. 3(3-0)
R: None
Theoretical constructs of organizational concepts, management concepts and practices applicable to Extension Education and Agricultural Education.
QA: AEE 851

503*. Instructional Strategies in Agricultural and Extension Education
Spring. 3(3-0)
Strategies and methods for effectively assessing learning needs, developing or selecting appropriate teaching strategies, using teaching strategies and evaluating their effectiveness with groups of learners.
QA: AEE 824

504*. Communication Strategies in Agricultural and Extension Education
Fall. 3(3-0)
R: Senior and above Agriculture and Natural Resources
Strategy for effective communication for diverse audiences. Emphasis on new information delivery systems such as satellites and computers. Writing and preparing oral presentations for varied agricultural and Extension audiences is required.
QA: AEE 830

505*. Leadership Development in Agricultural and Extension Education
Spring. 3(3-0)
Assessing leader values, style, behavior and principles, philosophical and sociological bases for leadership development with applications in the Agricultural and Extension Education.
QA: AEE 588

506*. Program Planning and Evaluation in Agricultural and Extension Education
Spring. 3(3-0)
P: Graduate Student. R: Graduate Student
Principles of planning and evaluating programs in agricultural and extension education.
QA: AEE 810 AEE 860

507*. The Research Process in Agricultural and Extension Education
Fall. 3(3-0)
Principles and practices of planning, designing, conducting, and reporting research in agricultural and extension education.
QA: AEE 881 AEE 881

508*. Principles and Philosophy of Agriscience Education
Spring. 3(3-0)
Principles and philosophy that provide bases for analyzing and developing Agriscience Education courses, curricula, and programs.
QA: AEE 820

512*. Social Institutions
Fall. 3(3-0)

513*. Global Development Through Agricultural and Extension Education
Fall. 3(3-0)
P: AEE 806. R: None
Application of education theories, principles and practices in planning, conducting and evaluation (formal and non-formal) programs that focus on international development through agricultural and extension education.
QA: AEE 802

514*. Program Administration in Agricultural and Extension Education
Fall. 3(3-0)
R: None
Theoretical constructs of organizational concepts, management concepts and practices applicable to Extension Education and Agricultural Education.
QA: AEE 851

515*. Instructional Strategies in Agricultural and Extension Education
Spring. 3(3-0)
Strategies and methods for effectively assessing learning needs, developing or selecting appropriate teaching strategies, using teaching strategies and evaluating their effectiveness with groups of learners.
QA: AEE 824

516*. Communication Strategies in Agricultural and Extension Education
Fall. 3(3-0)
R: Senior and above Agriculture and Natural Resources
Strategy for effective communication for diverse audiences. Emphasis on new information delivery systems such as satellites and computers. Writing and preparing oral presentations for varied agricultural and Extension audiences is required.
QA: AEE 830

517*. Leadership Development in Agricultural and Extension Education
Spring. 3(3-0)
Assessing leader values, style, behavior and principles, philosophical and sociological bases for leadership development with applications in the Agricultural and Extension Education.
QA: AEE 588

518*. Program Planning and Evaluation in Agricultural and Extension Education
Spring. 3(3-0)
P: Graduate Student. R: Graduate Student
Principles of planning and evaluating programs in agricultural and extension education.
QA: AEE 810 AEE 860

519*. The Research Process in Agricultural and Extension Education
Fall. 3(3-0)
Principles and practices of planning, designing, conducting, and reporting research in agricultural and extension education.
QA: AEE 881 AEE 881

520*. Principles and Philosophy of Agriscience Education
Spring. 3(3-0)
Principles and philosophy that provide bases for analyzing and developing Agriscience Education courses, curricula, and programs.
QA: AEE 820

521*. Social Institutions
Fall. 3(3-0)

522*. Global Development Through Agricultural and Extension Education
Fall. 3(3-0)
P: AEE 806. R: None
Application of education theories, principles and practices in planning, conducting and evaluation (formal and non-formal) programs that focus on international development through agricultural and extension education.
QA: AEE 802

523*. Program Administration in Agricultural and Extension Education
Fall. 3(3-0)
R: None
Theoretical constructs of organizational concepts, management concepts and practices applicable to Extension Education and Agricultural Education.
QA: AEE 851

524*. Instructional Strategies in Agricultural and Extension Education
Spring. 3(3-0)
Strategies and methods for effectively assessing learning needs, developing or selecting appropriate teaching strategies, using teaching strategies and evaluating their effectiveness with groups of learners.
QA: AEE 824

525*. Communication Strategies in Agricultural and Extension Education
Fall. 3(3-0)
R: Senior and above Agriculture and Natural Resources
Strategy for effective communication for diverse audiences. Emphasis on new information delivery systems such as satellites and computers. Writing and preparing oral presentations for varied agricultural and Extension audiences is required.
QA: AEE 830

526*. Leadership Development in Agricultural and Extension Education
Spring. 3(3-0)
Assessing leader values, style, behavior and principles, philosophical and sociological bases for leadership development with applications in the Agricultural and Extension Education.
QA: AEE 588

527*. Program Planning and Evaluation in Agricultural and Extension Education
Spring. 3(3-0)
P: Graduate Student. R: Graduate Student
Principles of planning and evaluating programs in agricultural and extension education.
QA: AEE 810 AEE 860

528*. The Research Process in Agricultural and Extension Education
Fall. 3(3-0)
Principles and practices of planning, designing, conducting, and reporting research in agricultural and extension education.
QA: AEE 881 AEE 881

529*. Principles and Philosophy of Agriscience Education
Spring. 3(3-0)
Principles and philosophy that provide bases for analyzing and developing Agriscience Education courses, curricula, and programs.
QA: AEE 820

Courses with an asterisk (*) have not been approved by the University Committee on Curriculum.

References of Courses

AGRICULTURAL AND EXTENSION EDUCATION

AEC

811*. Institutional and Behavioral Economics
Fall. 3(3-0) Interdepartmental with the Department(s) of Economics, Resource Development.
P: EC 324, EC 326
QA: AEC 810 AEC 809