

Human & Community Education (H&CE)

H&CE 194. Individual Study. 1-5 Credits.

H&CE 196. Field Experience. 1-15 Credits.

H&CE 199. Special Topics. 1-5 Credits.

H&CE 232. Philosophy and Policy. 3 Credits.

Principles, philosophies, development, and implementation of agricultural education, family and consumer sciences education, business education, and extension programs. Analysis of evolving concepts with emphasis on history, legislation, and principles underlying organization and practice.

H&CE 291. Seminar. 1-3 Credits.

H&CE 292. Global Practicum: Study Abroad. 1-15 Credits.

Pre-Arranged study at accredited foreign institutions (study abroad), domestic institutions (National Student Exchange) or on approved study abroad programs. Pre-requisite: Sophomore standing and prior approval by International Student and Study Abroad Services and major department. Graded 'P' or 'F' (Undergraduate), or 'S' or 'U' (Graduate).

H&CE 294. Individual Study. 1-5 Credits.

H&CE 299. Special Topics. 1-5 Credits.

H&CE 379. Global Seminar. 1-6 Credits.

NDSU instructed experience or field study in a foreign country. Conducted in English for residence credit. Pre-requisite: Prior approval by International Student and Study Abroad Services and major department. May be repeated. Standard Grading.

H&CE 391. Seminar. 1-3 Credits.

H&CE 392. Global Practicum: Study Abroad. 1-15 Credits.

Pre-Arranged study at accredited foreign institutions (study abroad), domestic institutions (National Student Exchange) or on approved study abroad programs. Pre-requisite: Sophomore standing and prior approval by International Student and Study Abroad Services and major department. Graded 'P' or 'F' (Undergraduate), or 'S' or 'U' (Graduate).

H&CE 394. Individual Study. 1-5 Credits.

H&CE 399. Special Topics. 1-5 Credits.

H&CE 444. Advising FFA and SAE. 3 Credits.

Determining resources and trends of local communities. Emphasis on agricultural education program policies; planning and managing the primary program components; strategies for the management and organization of youth and adult programming in agricultural education. Dual-listing: H&CE 644.

H&CE 445. Designing and Delivering Nonformal Education Programs. 3 Credits.

Methods of formal and non-formal educational programs. Focuses on the principles, theories, techniques, and applications for developing and planning non-formal education programs for youth and adults. Topics include program development strategies, facilitation techniques, and evaluation.

H&CE 446. Extension Education. 3 Credits.

Designed for students from any major who are interested in learning more about the cooperative extension service. The course introduces the cooperative extension mission, philosophy, history, and program areas. Basic program development and evaluation, teaching methods, and extension teaching and delivery methods are also addressed. {Also offered for graduate credit - see H&CE 646.}.

H&CE 467. Leading Youth Organizations. 3 Credits.

This course is designed to prepare CTSO advisors and other youth group advisors to facilitate youth organizations, build leadership in students, raise awareness of benefits of youth organizations, and manage the functions of youth organizations. Prereq: Admission to the School of Education or department permission. {Also offered for graduate credit - see H&CE 667.}.

H&CE 468. Foundations of Family and Consumer Sciences Education. 3 Credits.

Preparation for a career in the unique field of Family and Consumer Sciences Education by providing a foundation of history, practical methods, and alternative assessments for students of all ages and in various environments. Prereq: Admission to the School of Education. {Also offered for graduate credit - see H&CE 668.}.

H&CE 469. Housing Education and Issues. 3 Credits.

Issues, curricula, and techniques for teaching and evaluating K-12 and adult housing programs. {Also offered for graduate credit - see H&CE 669.}.

H&CE 474. Extension Internship. 4 Credits.

Supervised full-time family and consumer sciences extension internship in an approved location. Prereq: H&CE 345.

H&CE 480L. STEM Teaching Methods in Agricultural Education Lab. 1 Credit.

Practical application of lab teaching methods in agricultural education. Includes experiential learning through agricultural lab planning, management, and maintenance. An emphasis is placed on project planning, development, and implementation. Prereq or Coreq: Restricted to Ag Ed and Pre-Ag Ed majors.

H&CE 480. Science, Technology, Engineering & Mathematics Teaching Methods in Agricultural Education. 3 Credits.

Methods of planning and teaching in agricultural education laboratories at secondary and post-secondary levels. Learning theories, innovations, and advanced principles in science, technology, engineering and mathematics teaching methods, materials, and ethics. {Also offered for graduate credit - see H&CE 680.}.

H&CE 481L. Methods of Teaching Agriculture Lab. 1 Credit.

Planning and teaching agricultural education lessons using a variety of methods in a simulated and/or actual classroom environment. Prereq or Coreq: Restricted to Ag Ed and Pre-Ag Ed majors.

H&CE 481. Methods of Teaching Agriculture. 3 Credits.

Methods of planning and teaching agricultural education in secondary and post-secondary settings. Learning theories, innovations and advanced principles in teaching methods and materials, and ethics. Prereq: EDUC 321, EDUC 322, admission to School of Education. {Also offered for graduate credit - see H&CE 681P.}.

H&CE 482. Methods of Teaching Family and Consumer Sciences. 3 Credits.

Preparation for teaching in the unique field of Family and Consumer Sciences through discussion of programmatic issues; experiences in planning labs and assessments as well as lessons, units, and courses; and opportunities to examine and practice teaching techniques, classroom management, and professionalism. Prereq: EDUC 451 and H&CE 468. {Also offered for graduate credit - see H&CE 682.}.

H&CE 483. Student Teaching Seminar. 1 Credit.

Orientation to student teaching in agricultural education and analysis of professional issues, concerns, and problems associated with AGED, FFA/SAE, and the student teaching experience. Prereq: EDUC 489, EDUC 451, EDUC 486, H&CE 232, H&CE 341. For AGED: H&CE 444, H&CE 481. For FACS: H&CE 468, H&CE 482. Coreq: H&CE 487. {Also offered for graduate credit - see H&CE 683P.}.

H&CE 487. Student Teaching. 9 Credits.

Supervised teaching in an approved and accredited school. Includes an on-campus seminar. Prereq: EDUC 489, EDUC 451, EDUC 486, H&CE 232, H&CE 341. For AGED: H&CE 444, H&CE 481. For FACS: H&CE 468, H&CE 482. Coreq: H&CE 483. {Also offered for graduate credit - see H&CE 687P.}.

H&CE 488. Applied Student Teaching. 3 Credits.

Guided student teaching experience including application of lesson planning, portfolio development, professional goal-setting, and supervised teaching in an approved and accredited school. Prereq: Admission to School of Education, completion of professional education sequence. Coreq: EDUC 485 or H&CE 483P, EDUC 487. Cross-listed with H&CE 488. {Also offered for graduate credit - see H&CE 688P.}.

H&CE 491. Seminar. 1-5 Credits.**H&CE 492. Global Practicum: Study Abroad. 1-15 Credits.**

Pre-Arranged study at accredited foreign institutions (study abroad), domestic institutions (National Student Exchange) or on approved study abroad programs. Pre-requisite: Sophomore standing and prior approval by International Student and Study Abroad Services and major department. Graded 'P' or 'F' (Undergraduate), or 'S' or 'U' (Graduate).

H&CE 494. Individual Study. 1-5 Credits.**H&CE 496. Field Experience. 1-15 Credits.****H&CE 499. Special Topics. 1-5 Credits.****H&CE 644. Advising FFA and SAE. 3 Credits.**

Determining resources and trends of local communities. Emphasis on agricultural education program policies; planning and managing the primary program components; strategies for the management and organization of youth and adult programming in agricultural education. Dual-listing: H&CE 444.

H&CE 645. Designing and Delivering Nonformal Education Programs. 3 Credits.

Methods of formal and non-formal informal educational programs. Focuses on the principles, theories, techniques, and applications for developing introduction and planning non-formal education programs for youth and adults. Topics include program development strategies, facilitation techniques, and evaluation.

H&CE 646. Extension Education. 3 Credits.

Designed for students from any major who are interested in learning more about the cooperative extension service. The course introduces the cooperative extension mission, philosophy, history, and program areas. Basic program development and evaluation, teaching methods, and extension teaching and delivery methods are also addressed. {Also offered for undergraduate credit - see H&CE 446.}.

H&CE 667. Leading Youth Organizations. 3 Credits.

This course is designed to prepare CTSO advisors and other youth group advisors to facilitate youth organizations, build leadership in students, raise awareness of benefits of youth organizations, and manage the functions of youth organizations. {Also offered for undergraduate credit - see H&CE 467.}.

H&CE 668. Foundations of Family and Consumer Sciences Education. 3 Credits.

Preparation for a career in the unique field of Family and Consumer Sciences Education by providing a foundation of history, practical methods, and alternative assessments for students of all ages and in various environments. Prereq: Admission to the School of Education. {Also offered for undergraduate credit - see H&CE 468.}.

H&CE 669. Housing Education and Issues. 3 Credits.

Issues, curricula, and techniques for teaching and evaluating K-12 and adult housing programs. {Also offered for undergraduate credit - see H&CE 469.}.

H&CE 680. Science, Technology, Engineering & Mathematics Teaching Methods in Agricultural Education. 3 Credits.

Methods of planning and teaching in agricultural education laboratories at secondary and post-secondary levels. Learning theories, innovations, and advanced principles in science, technology, engineering and mathematics teaching methods, materials, and ethics. Prereq: Admission to the School of Education or by permission of the instructor. {Also offered for undergraduate credit - see H&CE 480.}.

H&CE 681P. Methods of Teaching Agriculture. 3 Credits.

Methods of planning and teaching agricultural education in secondary and post-secondary settings. Learning theories, innovations and advanced principles in teaching methods and materials, and ethics. {Also offered for undergraduate credit - see H&CE 481.}.

H&CE 682. Methods of Teaching Family and Consumer Sciences. 3 Credits.

Preparation for teaching in the unique field of Family and Consumer Sciences through discussion of programmatic issues; experiences in planning labs and assessments as well as lessons, units, and courses; and opportunities to examine and practice teaching techniques, classroom management, and professionalism. Prereq: H&CE 668 and admitted to the School of Education. {Also offered for undergraduate credit - see H&CE 482.}.

H&CE 683P. Student Teaching Seminar. 1 Credit.

Orientation to student teaching in agricultural education and analysis of professional issues, concerns, and problems associated with AGED, FFA/SAE, and the student teaching experience. Prereq: EDUC 689P, EDUC 651P, EDUC 686P. For AGED: H&CE 681P. For FACS: H&CE 682P. Coreq: H&CE 687P. {Also offered for undergraduate credit - see H&CE 483.}.

H&CE 687P. Student Teaching. 9 Credits.

Supervised teaching in an approved and accredited school. Includes an on-campus seminar. Prereq: EDUC 689P, EDUC 651P, EDUC 686P. For AGED: H&CE 681P. For FACS: H&CE 682P. Coreq: H&CE 683P. {Also offered for undergraduate credit - see H&CE 487.}.

H&CE 688P. Applied Student Teaching. 3 Credits.

Guided student teaching experience including application of lesson planning, portfolio development, professional goal-setting, and supervised teaching in an approved and accredited school. Coreq: EDUC 685P, EDUC 687P. Cross-listed with H&CE 688P. {Also offered for undergraduate credit - see H&CE 488.}.

H&CE 696. Special Topics. 5.00 Credits.**H&CE 724. Program Planning in School-Based and Extension Programs. 3 Credits.**

Development of curricula and programs in all areas of extension and federally reimbursed programs in Career and Technical education. Includes long-range and strategic planning competencies.

H&CE 740. Advanced CTE Philosophy and Policy. 3 Credits.

A historical and contemporary overview of the philosophies associated with the development, planning, and conducting of Career and Technical Education programs at the local, state, and federal levels, while addressing the role and importance of policy and research.

H&CE 743. Experiential and Learner-Centered Instruction. 3 Credits.

Theory and practice in facilitating learning from experiences in formal and non-formal settings. Special focus is given to experiential learning in classroom/laboratory settings/non-formal settings, guided inquiry, internships/externships/work-based learning, service learning, project-based learning, problem-based learning, and outdoor/adventure learning.

H&CE 746. International Extension. 3 Credits.

The ideological and theoretical basis of world agricultural assistance programs and their effects on different sectors and classes.

H&CE 756. Program Development and Evaluation. 3 Credits.

Methods and procedures of long-range planning, strategic planning techniques, integrating new/emerging biotechnology, guidance and counseling, and evaluating program effectiveness.

H&CE 771. Human Relations for Educators. 3 Credits.

This course will develop an awareness of the constructivist approach to learning and the importance of effective human relations skills needed to enhance learning and well-being for all students.

H&CE 772. Curriculum Development in Family and Consumer Sciences. 3 Credits.

Examination of the major concepts, philosophies, and strategies that influence curriculum decisions in family and consumer sciences programs at all educational levels. Includes assessment of curriculum goals and materials.

H&CE 773. Occupational Programs in Family and Consumer Science. 3 Credits.

Planning and implementing occupational Family and Consumer Science programs in career and technical education. Focus on cooperative education, career pathways and work-based education.

H&CE 774. Teaching with Technology. 3 Credits.

This course will prepare educators in formal and non-formal settings to use technology as a tool in their learning environment by focusing on the knowledge, skills, and attitudes necessary to effectively use a variety of technological applications.

H&CE 775. Internship. 1-3 Credits.

Supervised experience in a formal or informal environment relevant to the application of educational principles. Setting may include middle, secondary, post-secondary, and adult programs.

H&CE 776. Research Design in Family and Consumer Sciences. 3 Credits.

Methods of research in family and consumer sciences; applications in educational settings.

H&CE 777. Evaluation in Family and Consumer Sciences. 3 Credits.

Examination of the role of course assessment, teacher effectiveness, facilities, equipment, and staffing patterns in program evaluation. Review of research on evaluation and exploration of alternative evaluation models.

H&CE 778. Administration of Family and Consumer Sciences Programs. 3 Credits.

Administration of family and consumer sciences programs. Emphasis on educational leadership and related issues in a variety of educational settings.

H&CE 779. Techniques of Supervision in Family and Consumer Sciences. 3 Credits.

This course will cover the philosophy, responsibilities, and techniques of supervision in family and consumer sciences and other learning environments.

H&CE 781. Professional Development in Agricultural Education. 1-3 Credits.

Continued professional development in technical and pedagogical subjects of current importance for professionals in agricultural education.

H&CE 787. Issues In Education. 1-3 Credits.

Exploration and assessment of a current issue associated with middle and secondary applied academic programs. Prereq: Current employment or experience as middle/secondary teacher.

H&CE 790. Graduate Seminar. 1-3 Credits.

H&CE 793. Individual Study/Tutorial. 1-5 Credits.

H&CE 794. Practicum/Internship. 1-15 Credits.

H&CE 795. Field Experience. 1-15 Credits.

H&CE 796. Special Topics. 1-5 Credits.

H&CE 797. Master's Paper. 1-3 Credits.

H&CE 798. Master's Thesis. 1-10 Credits.

H&CE 893. Individual Study/Tutorial. 1-5 Credits.