

# Human & Community Education (H&CE)

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**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. Planning the Community Program in Agricultural Education. 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. Prereq: Admission to School of Education. {Also offered for graduate credit - See H&CE 644.}.

**H&CE 445. Technology Transfer In Agriculture. 3 Credits.**

Methods of formal and informal educational programs. Attitudes and values as influences on the introduction and acceptance of new and emerging technologies. Emphasizes global issues. Prereq: H&CE 341.

**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. Advising Family, Career, and Community Leaders of America. 3 Credits.**

This course prepares advisors of Family, Career, and Community Leaders of America chapters: prepares Family and Consumer Sciences teachers to build student leadership; and raises awareness of FCCLA resources available to FCS teachers. {Also offered for graduate credit - see H&CE 667.}.

**H&CE 468. Methods of Teaching Family and Consumer Sciences I: Techniques. 3 Credits.**

Preparation for teaching in the unique field of Family and Consumer Sciences by providing a foundation of practical methods, techniques, and assessments for students of all ages and in various environments. Prereq: Admission to the School of Education.

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

Issues, curricula, and techniques for teaching and evaluating K-12 and adult housing programs.

**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 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 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 II: Professional Practices. 3 Credits.**

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

**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, EDUC486, 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. Planning the Community Program in Agriculture. 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. Prereq: admission to School of Education or permission by the instructor. {Also offered for undergraduate credit - See H&CE 444}.

**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. Advising Family, Career, and Community Leaders of America. 3 Credits.**

This course prepares advisors of Family, Career, and Community Leaders of America chapters: prepares Family and Consumer Sciences teachers to build student leadership; and raises awareness of FCCLA resources available to FCS teachers. {Also offered for undergraduate credit - see H&CE 467}.

**H&CE 668. Methods of Teaching Family and Consumer Sciences I: Techniques. 3 Credits.**

Preparation for teaching in the unique field of Family and Consumer Sciences by providing a foundation of practical methods, techniques, and 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 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 682P. Methods of Teaching Family and Consumer Sciences II: Professional Practices. 3 Credits.**

Preparation for teaching in the unique field of Family and Consumer Sciences through discussion of programmatic issues; experiences in planning and implementing lessons, units, and courses; and opportunities to examine and practice professionalism. {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 724. Program Development In Vocational Education. 2 Credits.**

Methods and curricula development in vocational family and consumer sciences education in accordance with state and federal guidelines. Includes long-range and strategic planning competencies.

**H&CE 740. Vocational Philosophy and Policy. 3 Credits.**

Philosophy in developing, planning, and conducting vocational education programs at federal, state, and local levels. Importance of legislation on state and local policy-making.

**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 751. Rural Survey in Agricultural Education. 3 Credits.**

Research-type survey of the agricultural education resources unique to the local area/community, research data implications, and current technology implementation. Prereq: Teaching experience, EDUC 702.

**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 Family and Consumer Science with Technology. 3 Credits.**

This course will prepare family and consumer science teachers to use technology as a tool in their classrooms 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 797. Master's Paper. 1-3 Credits.**

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