

College of Human Sciences

Pamela White, Dean

Carla Peterson, Associate Dean Research and Graduate Education

Linda Serra Hagedorn, Associate Dean Undergraduate Programs, International Affairs, Diversity, Equity, and Community, Students Services

Debra Sellers, Associate Dean and Director of Human Sciences Extension and Outreach

www.hs.iastate.edu/

The College of Human Sciences provides an integrative approach to improving the quality of life for individuals, families, schools and communities by linking discovery, science, creativity, and practice; applying the knowledge of learning in all endeavors; and developing leaders for roles in research, education, business and industry, and health and human services.

The College of Human Sciences (CHS) was founded in 2005 and fosters innovative synergies in teaching and learning in addition to the discovery of new knowledge, and in many ways is reinventing how human potential can be enhanced. Members of the college strive to improve the quality of people's lives - helping them learn better, live longer, and lead lives that are more productive and fulfilling.

Recommended High School Preparation

Recommended preparation for students entering most departments of the College of Human Sciences should include 4 years of English (including speech) with emphasis in composition and communication skills; 3 years each of mathematics and natural sciences, and at least 2 years of social science and/or humanities. In addition, students interested in Elementary Education or Early Childhood Education are advised to complete three or more years of high school study in one foreign language.

Information for Prospective Students

Each student in the College of Human Sciences works closely with an academic adviser who is associated with the program in which the student is majoring. Advisers assist students in developing academic programs and in adjusting to university life. They also provide information and guidance about career choices. Advisers attempt to assist students as they develop their schedule of classes to meet their goals, interests, and capabilities.

The college offers a number of orientation sessions during the summer for students planning to enter in the fall. Incoming students are encouraged to attend an orientation session so that academic assessments can be made and appropriate classes may be scheduled for the following term.

Undecided Students

The College of Human Sciences offers an open option for entering students who have not selected a specific area of study. An orientation course helps students explore the opportunities available. Program planning information can be obtained from the undecided adviser in the College of Human Sciences Student Services Office. Undecided students are encouraged to participate in the MINDS (<http://www.hs.iastate.edu/prospective/learning-communities/minds>) Learning Team.

Planned Transfer Programs

By careful planning, students may begin their education at another college and then transfer their courses to a curriculum within the College of Human Sciences with maximum efficiency in meeting the degree requirements. The college works closely with community colleges in Iowa and surrounding states to facilitate a transfer to Iowa State University. For more information, call 1-800-522-0683 or visit the College of Human Sciences Recruitment Office.

Divisions of the College

- Apparel, Events, and Hospitality Management (<http://www.aeshm.hs.iastate.edu>)
- Food Science and Human Nutrition (<http://www.fshn.hs.iastate.edu>)
- Human Development and Family Studies (<http://www.hdfs.hs.iastate.edu>)
- Kinesiology (<http://www.kin.hs.iastate.edu>)
- School of Education (<http://www.education.iastate.edu>)

Accreditation and Licensure

The following program-specific accreditation/ licensure/registrations have been attained by departments or School of Education within the college:

Department of Apparel, Educational Studies, and Hospitality Management:

- Hospitality Management is accredited by the Accreditation Commission for Programs in Hospitality Administration.
- Apparel Merchandising, and Design major is endorsed with the American Apparel and Footwear Association's Education Foundation. The design primary option is accredited by the National Association of Schools in Art and Design.

Department of Food Science and Human Nutrition:

- The Food Science degree, including Industry and Technology options are approved by the Institute of Food Technologists.
- The Didactic Program in Dietetics and Dietetics Internship are accredited by the Accreditation Council for Education in Nutrition and Dietetics, the accrediting agency of the Academy of Nutrition and Dietetics.

Department of Human Development and Family Studies:

- The Child Development Laboratory School is accredited by the National Association for the Education of Young Children (NAEYC), Academy for Early Childhood Programs, is licensed by the Iowa Department of Human Services, and maintains a 5 Star Rating from the Iowa Quality Rating System.
- The Early Childhood Education (administered in collaboration with the School of Education) and the Family and Consumer Sciences Education Teacher Licensure Program are licensed by the Iowa Department of Education and the Iowa Board of Educational Examiners.

Department of Kinesiology:

- Athletic Training Option is accredited by the Commission on Accreditation of Athletic Training Education.
- Physical Education Teacher Licensure Program is licensed by the Iowa Department of Education and Iowa Board of Educational Examiners.

School of Education - Educator Preparation and Licensure:

- All Iowa State University Educator Preparation Programs are accredited by the Iowa Department of Education and the Iowa Board of Educational Examiners.
- All students who are recommended by Iowa State University for teacher licensure must meet the requirements of the University Educator Preparation Program.
- Each student will be enrolled in the School or Department in which he or she plans to major and must meet the graduation requirements of that department and the college in which it is located.
- For details concerning the professional educator requirements and the areas of specialization requirements, see Teacher Education.

Undergraduate Core Curriculum

Purpose

The College of Human Sciences has established core learning outcomes to provide the unifying foundation critical to personal and professional success for all College of Human Sciences undergraduate students. Assessment of College of Human Sciences' core learning outcomes will measure student competence in four (4) areas. Assessment results will be used by CHS students, faculty and staff to enhance student learning experiences.

Four components

The core identifies the expected minimum outcomes that each undergraduate in the college must meet:

Communication - Communicate with clear purpose, workable organization and effective style in written, oral, visual and electronic (WOVE) formats without distracting errors in usage or convention.

Self-Assessment/Self Reflection - Consistently and realistically analyze and evaluate one's own knowledge, abilities and actions in comparison to professional standards and create action plans to enhance personal and professional efficacy.

Critical Thinking - Generate, acquire and evaluate information based on scientific evidence, creative processes, and logical and ethical reasoning to make decisions and solve problems in one's personal, professional and community endeavors.

Social Justice - Articulate and demonstrate a clear concept of a just society in which individuals and groups equitably share in societal benefits within a global community.

Expectations for Departments/School of Education/ Programs

Departments/schools/programs are expected to identify courses at three levels where the learning outcomes will be assessed. At least one significant educational activity will be embedded in introductory, intermediate and advanced coursework for each outcome.

General Education

Students in the College of Human Sciences are required to complete a program in general education which is integrated in their professional training and extends through the undergraduate curriculum.

The general education program emphasizes intellectual growth and personal development as contrasted with specific career preparation.

The program aims to stimulate a desire for learning and intellectual endeavor, develop understanding and appreciation for the physical and cultural world, encourage independent thinking and analysis, increase competence in all aspects of communication, and create an understanding of individuals as social, psychological, and physical beings.

The student is expected to complete studies in three groups in general education. Areas represented below are not departmental titles. In some cases, courses relating to a given area may be found in several different departments. Credits listed are minimum requirements.

Minimum Group Requirements in the College of Human Sciences

I. Communication Skills (10 cr.): ENGL 150, ENGL 250; LIB 160; and 3 credits in oral communication

II. Biological and physical sciences and mathematical disciplines (9 cr.): at least 3 credits in mathematical disciplines

III. Social sciences and humanities (15 cr.): at least 6 credits in social sciences and at least 6 credits in humanities

Double Majors

Undergraduate students may elect a second major from the departments or school and program areas listed above, or from a major field offered for the bachelor's degree in another college of the university. Double majors may be prohibited between majors as determined by the appropriate curriculum committees.

The major departments must approve the degree program, and if those majors involve two colleges, both deans must approve. Such programs must fulfill the general education requirements of the college of the primary major. If one major leads to the B.A. degree and the other to the B.S. degree, the degree awarded will be the one offered by the department of the primary major. If the primary major may lead to either a B.A. or a B.S., a student may choose to receive either degree. In this case, the student must satisfy the requirements of each major and of the degree that is chosen for the primary major.

Students with a primary major in another college who wish to take a second major in the College of Human Sciences are required to meet all requirements for the major, prerequisites and supporting courses.

Two Bachelor's Degrees

Any degree offered by the College of Human Sciences may be earned together with a degree in this or any other college of the university. For the requirements for two degrees, see Index , Bachelor's Degree, Two.

International and Cross Cultural Programs

International experience opportunities are available and encouraged through the College of Human Sciences to broaden international and cross-cultural perspectives. Scholarships and other forms of financial assistance are available which provide partial support for students studying abroad. The College has established collaborative programs with universities around the world including

Glasgow Caledonian University, Glasgow, Scotland; Soonchunhyang University, Asan, South Korea; University of Pretoria, Pretoria, South Africa; the London College of Fashion, London, England; Lorenzo de Medici, Florence, Italy; Academia Italiana, Florence, Italy; Paris American Academy, Paris, France; Henan Normal University, Xinxiang, China; Wuhan Textile University, Wuhan, China; Donghua University, Shanghai, China; University of Agricultural Sciences, Dharwad, India, and the Universiti Putra Malaysia, Selangor, Malaysia. Students also have an opportunity to participate in group study abroad programs in Europe, Africa, Central and South American, and Asia.

Other opportunities may be developed through consultation with the college director of international programs and the student's adviser; for example, students have acquired internships and studied in such countries as Ghana, Spain, Ireland, China, England, Australia, Germany, France, and Costa Rica. Opportunities for international student teaching are available in Indonesia, Norway, Poland, Ecuador, Italy, Taiwan, Germany, and New Zealand. Faculty members bring diversity and global perspectives to instruction and research through their work in India, South Korea, Central and South America, China, Vietnam, Africa, Middle East, and Europe.

Honors Program

High achieving students, with a grade point average of above 3.50, are invited to apply to the Honors Program. Honors students are encouraged to develop a creative program of study expanding their interests while meeting individual educational objectives. Students in the Honors Program also participate in University Honors Seminars, Honors Courses and complete an honors project. For further information, contact the College Honors Committee or academic adviser. See <http://www.hs.iastate.edu/academics/honors/%20%20> or look in the Index , under Honors Program.

Families Extension

Students may prepare for a career in the Cooperative Extension Service by enrolling in a curriculum in the College of Human Sciences that provides them with a broad subject matter base for conducting educational programs for families. Advice on choice of courses should be sought from the Family and Consumer Sciences Education and Studies program, the associate dean and director of Iowa State University Extension to Families programs, the director of Iowa State University Extension to Youth and 4-H programs, or the Extension Human Resources office.

Undergraduate Majors

For more information about a major, see:

1. The curriculum descriptions in this section of the catalog
2. The department catalog section under Courses and Programs
3. Department websites.

Apparel, Events, and Hospitality Management

Apparel, Merchandising, and Design

Options: Merchandising; Creative and Technical Design; and Product Development and Sourcing. See Curriculum in Apparel, Merchandising, and Design

Event Management

See Curriculum in Event Management

Hospitality Management

See Curriculum in Hospitality Management

Food Science and Human Nutrition

Culinary Science

See Curriculum in Culinary Science

Diet and Exercise B.S./M.S.

Jointly administered with the Department of Kinesiology. See Curriculum in Diet and Exercise

Dietetics

See Curriculum in Dietetics

Food Science

Options: Food Science and Industry; Food Science and Technology. See Curriculum in Food Science

Nutritional Science

Options: Pre-Health Professional and Research; and Nutrition and Wellness. See Curriculum in Nutritional Science .

Human Development and Family Studies**Child, Adult, and Family Services**

Options: Child Programs; Youth Programs; and Adult/Family Programs. See Curriculum Child, Adult, and Family Services

Family and Consumer Sciences Education and Studies

Options: Communications; Professional Studies; Teacher Licensure. See Curriculum in Family and Consumer Sciences Education and Studies

Financial Counseling and Planning

See Curriculum in Financial Counseling and Planning

Kinesiology**Athletic Training**

See Curriculum in Kinesiology

Diet and Exercise B.S./M.S.

Jointly administered with the Departments of Food Science and Human Nutrition. See Curriculum in Diet and Exercise

Kinesiology & Health

Options: Community and Public Health; Exercise Science, Physical Education Teacher Education; and Pre-Health Professions. See Curriculum in Kinesiology

School of Education**Early Childhood Education - Unified**

Administered jointly by the School of Education and the Department of Human Development and Family Studies. See Curriculum in Early Childhood Education

Elementary Education

Administered by the School of Education. See Curriculum in Elementary Education

Secondary Education

Offered in conjunction with subject matter areas, or majors, offered by various departments across the university campus. These subject matter areas include agriculture, biology, chemistry, earth sciences, english, family and consumer sciences, health, history-social sciences, mathematics, music, physics, physical education, and world languages. See Index, Teacher Education

International Studies (secondary major only)

The International Studies Program is an interdisciplinary program which may be taken only as a second major. Students pursuing a second major in international studies must complete the International Studies Program as described in this catalog (see Index , International Studies).

Undergraduate Minors

Minors are available to all Iowa State students. Minors consist of at least 15 credits including 6 credits taken at Iowa State University in courses numbered 300 or above. A student may not apply the same course to two different minors. The minor must include 9 credits that are not used to meet any other department, college or university requirement. Minors are available in the following areas:

Apparel, Merchandising, and Design - See <http://www.aeshm.hs.iastate.edu/majors/amd/#minor>

Athletic Coaching - See <http://www.kin.hs.iastate.edu/programs/minors/coaching/>

Child, Adult, and Family Services - See <http://www.hdfs.hs.iastate.edu/undergraduate-majors/minors/#child-adult-and-family-services>

Culinary Science - See <http://www.fshn.hs.iastate.edu/undergraduate-programs/minors/>

Dance - See <http://www.kin.hs.iastate.edu/programs/dance/minor/>

Educational Services in Family and Consumer Sciences - See <http://www.hdfs.hs.iastate.edu/undergraduate-majors/minors/#educational-services-in-family-and-consumer-sciences>

Event Management - See <http://www.aeshm.hs.iastate.edu/majors/event-management/#minor>

Exercise Science - See <http://www.kin.hs.iastate.edu/programs/minors/exercise-science/>

Financial Counseling and Planning - See <http://www.hdfs.hs.iastate.edu/undergraduate-majors/minors/#financial-counseling-and-planning>

Food and Society – See <http://www.fshn.hs.iastate.edu/wp-content/uploads/2014/02/FoodSocietyMinor2014.pdf>

Food Safety (interdepartmental minor) - See <http://www.fshn.hs.iastate.edu/undergraduate-programs/minors/>

Food Science - See <http://www.fshn.hs.iastate.edu/undergraduate-programs/minors/>

Gerontology (interdisciplinary minor) - See <http://www.gerontology.iastate.edu/programs/ugrad-minor/>

Health Promotion - See <http://www.kin.hs.iastate.edu/programs/minors/health-promotion/>

Hospitality Management - See <http://www.aeshm.hs.iastate.edu/majors/hospitality-management/#minor>

Learning Technologies - See <http://www.education.iastate.edu/te/programs/digital-learning/>

Kinesiology - See <http://www.kin.hs.iastate.edu/programs/minors/kinesiology/>

Nutrition - See <http://www.fshn.hs.iastate.edu/undergraduate-programs/minors/>

Sport and Recreation - See <http://www.kin.hs.iastate.edu/programs/minors/sport-and-recreation/>

See Index for minor requirements for specific departments and programs.

Graduate Programs

The College of Human Sciences offers a variety of programs leading to a Masters degree, a Ph.D., or a graduate certificate. Each unit offers a variety of program options, as well as opportunities for interdisciplinary study in the areas of gerontology, toxicology, nutritional studies, and genetics. Multiple opportunities for on-campus and distance education programs are available.

Preparation for Graduate Study

Students considering graduate studies should gain background knowledge in basic subjects related to their area of interest. Undergraduate mathematics, statistics, and research methods courses are useful as preparation for advanced study in graduate school. Upon completion of graduate programs, students are qualified for leadership positions in business, government agencies, and public and private agencies and institutions, as well as and for teaching, research, and extension positions in colleges and universities.

Information for Prospective Students

Graduate study in the College of Human Sciences is conducted through collaboration with the Graduate College, and application is completed through the Graduate College. Details regarding the application process and general information about graduate studies at ISU are found in the Graduate College section of this catalog, (<http://www.grad-college.iastate.edu/>). Details regarding the curricula and specific expectations for each program are found on department websites.

Each graduate student in the College of Human Sciences works closely with an academic adviser and a Program of Study (POS) committee. The POS assists students in developing academic programs tailored to meet individual needs, guide research and/or internship activities, and provide information and guidance about career choices. Graduate assistantship support is available for many students and involves them in research, teaching, and administrative experiences. Incoming students are encouraged to work with departmental advisors to develop appropriate class and assistantship activities.

Graduate Curricula

Information about curricula and degree options for each College of Human Sciences unit is available on the unit websites below.

- Apparel, Events, & Hospitality Management – <http://www.aeshm.hs.iastate.edu/>
- Food Science & Human Nutrition – <http://www.fshn.hs.iastate.edu/>
- Human Development & Family Studies – <http://www.hdfs.hs.iastate.edu/>
- Kinesiology – <http://www.kin.hs.iastate.edu/>

*School of Education - <http://www.education.iastate.edu/>

Distance Education Opportunities

Several courses and degree programs are available on-line. Additionally, some degree programs are provided with a combination of online and condensed schedules that require limited time on campus. Details about these offerings are found on unit websites.

Some degree programs and graduate certificates are offered through collaboration with the Great Plains Interactive Distance Education Alliance (GP-IDEA; <http://www.gpidea.org/>). These online programs allow students to earn a graduate degree from ISU while taking courses and interacting with students from a number of participating universities. As well, the CHS offers a Masters of Family and Consumer Sciences-Comprehensive (<http://www.online.hs.iastate.edu/graduate-programs/masters/mfcs-comprehensive/>) online.

Certificates

Undergraduate Certificates

An undergraduate certificate provides a way to give formal recognition of focused study in a specialized area that is less comprehensive than required for an undergraduate major. At Iowa State University, an undergraduate certificate is awarded concurrently or after baccalaureate requirements are finished. The following undergraduate certificate is available in the College of Human Sciences:

Merchandising Certificate - see <http://www.aeshm.hs.iastate.edu/about/contact-us/>

Graduate Certificates

Graduate certificates provide formal recognition of focused graduate study in an area of specialization that is less comprehensive than required for a master's degree. At Iowa State University, a graduate certificate may be earned either before, after, or concurrently with the master's or doctoral degree. The following graduate certificates are available in the College of Human Sciences:

Applied Research Methods in Human Sciences Certificate - see <http://www.education.iastate.edu/graduate-studies/certificates/applied-research-in-the-human-sciences/>

Community College Leadership Certification - see www.cclp.hs.iastate.edu/

Community College Teaching Certificate - see <http://www.education.iastate.edu/graduate-studies/certificates/community-college-teaching/>

Development and Family Sciences Advanced Research Design and Methods - see www.hdfs.hs.iastate.edu/graduate/curriculum/certificates/

* Dietetics Internship Certificate - see www.dietetics.iastate.edu/

* Family Financial Planning Certificate - see www.hdfs.hs.iastate.edu/graduate/curriculum/ms-fcs/

Family Well Being in Diverse Society - see www.hdfs.hs.iastate.edu/graduate/curriculum/certificates/#family-well-being-in-diverse-society

* Gerontology Certificate - see www.hdfs.hs.iastate.edu/graduate/curriculum/ms-fcs/

* Infant and Early Childhood Mental Health - see www.hdfs.hs.iastate.edu/graduate/curriculum/certificates/#infant-and-early-childhood-mental-health

* Instructional Design Certificate - see <http://www.education.iastate.edu/graduate-studies/certificates/instructional-design/>

Life Span Development - see www.hdfs.hs.iastate.edu/graduate/curriculum/certificates/

* Literacy Coaching Certificate - see www.education.iastate.edu/te/graduate/literacy/literacy-coaching/

Principal Endorsement (Pre-LEAD) - see <http://www.education.iastate.edu/graduate-studies/certificates/principal-endorsement/>

Social Justice Certificate - see www.education.iastate.edu/graduate/social-justice/certificate/

Special Education Certificate - see <http://www.education.iastate.edu/graduate-studies/certificates/special-education-certificate.html>

Superintendent Licensure - see www.education.iastate.edu/graduate/ed-admin/superintendent/

* Youth Development Specialist - see <http://www.online.hs.iastate.edu/graduate-programs/masters/mfcs-youth-development/>

* Youth Program Management & Evaluation - see <http://www.online.hs.iastate.edu/graduate-programs/masters/mfcs-youth-development/>

* **online certificate**