

College of Human Sciences

Pamela White, Dean

Carla Peterson, Associate Dean Research and Graduate Education

Linda Serra Hagedorn, Associate Dean Undergraduate and International Studies

www.hs.iastate.edu/

Divisions of the College

- Apparel, Educational Studies, and Hospitality Management
- Food Science and Human Nutrition
- Kinesiology
- Human Development and Family Studies
- School of Education

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. In some majors, freshmen are advised by a general college adviser. After the freshman year, these students are assigned an adviser in the department of the chosen curriculum. Advisors assist students in developing academic programs and in adjusting to university life. They also provide information and guidance about career choices. Advisors 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.

Open Option Status

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 open option adviser in the College of Human Sciences Student Services Office.

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 Student Services.

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 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/programs

Departments/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 (9.5 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

Accreditation and Licensure

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

Department of Apparel, Educational Studies, and Hospitality Management:

Family and Consumer Sciences Education Teacher Licensure Program is licensed by the Iowa Department of Education and the Iowa Board of Educational Examiners.

Hospitality Management is accredited by the Accreditation Commission for Programs in Hospitality Administration, the accrediting agency of the International Council on Hotel, Restaurant, and Institutional Education.

Apparel Merchandising, and Design major is endorsed by the American Apparel and Footwear Association.

Department of Food Science and Human Nutrition:

Food Science and Industry, and Food Science and Technology curricula are approved by the Institute of Food Technologists.

Dietetics Internship and the Didactic Program in Dietetics are accredited by the Commission on Accreditation for Dietetics Education, the accrediting agency of the American Dietetic Association.

Department of Kinesiology:

Athletic Training Option is accredited by the Commission on Accreditation of Athletic Training Education.

Department of Human Development and Family Studies:

Child Development Laboratory School is accredited by the National Association for the Education of Young Children (NAEYC), Academy for Early Childhood Programs, and licensed by the Iowa Department of Human Services.

Teacher Education and Licensure

All Iowa State University Teacher Education 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 Teacher Education Program and be recommended by the CHS Associate Dean for Teacher Education.

Each student will be enrolled in the 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 teacher education requirements and the areas of specialization requirements, see Teacher Education.

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, Merchandising, and Design

Options: Merchandising; Creative and Technical Design; and Product Development and Sourcing—Administered by the Department of Apparel, Educational Studies and Hospitality Management. See Curriculum in Apparel, Merchandising, and Design

Athletic Training

Administered by the Department of Kinesiology. See Curriculum in Kinesiology

Child, Adult, and Family Services

Options: Child Programs; Youth Programs; and Adult/Family Programs — Administered by the Department of Human Development and Family Studies. See Curriculum in Child, Adult, and Family Services

Culinary Science

Administered by the Department of Food Science and Human Nutrition. See Curriculum in Culinary Science .

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

Administered by the Departments of Food Science and Human Nutrition, and Kinesiology.

Dietetics

Administered by the Department of Food Science and Human Nutrition. See Curriculum in Dietetics .

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.

Event Management

Administered by the Department of Apparel, Educational Studies and Hospitality Management. See Curriculum in Event Management.

Family and Consumer Sciences Education and Studies

Options: Communications; Professional Studies; Teacher Licensure—Administered by the Department of Human Development and Family Studies. See Curriculum in Family and Consumer Sciences Education and Studies

Family Finance, Housing, and Policy

Administered by the Department of Human Development and Family Studies. See Curriculum in Family Finance, Housing, and Policy.

Food Science

Options: Consumer Food Science; Food Science and Industry; Food Science and Technology—Administered by the Department of Food Science and Human Nutrition. See Curriculum in Food Science.

Hospitality Management

Administered by the Department of Apparel, Educational Studies and Hospitality Management. See Curriculum in Hospitality Management.

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).

Kinesiology & Health

Options: Community and Public Health; Exercise Science; Physical Education Teacher Education; and Pre-Health Professions —Administered by the Department of Kinesiology. See Curriculum in Kinesiology

Nutritional Science

Options: Pre-Health Professional and Research; and Nutrition and Wellness—Administered by the Department of Food Science and Human Nutrition

Secondary Education

The College of Human Sciences provides secondary education licensure programs 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 .

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
 Athletic Coaching
 Child, Adult, and Family Services
 Culinary Science
 Dance
 Educational Services in Family and Consumer Sciences
 Event Management
 Exercise Science
 Family Finance, Housing, and Policy
 Food Safety (interdepartmental minor)
 Food Science
 Gerontology (interdisciplinary minor)
 Health Promotion
 Hospitality Management
 Learning Technologies
 Kinesiology
 Nutrition (two minors: non FS HN majors and department majors)
 Sport and Recreation
 See Index for minor requirements for specific departments and programs.

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/majors/>)

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 www.elps.hs.iastate.edu/resev_certificate.php)

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

Community College Teaching Certificate (see www.cclp.hs.iastate.edu/)

Dietetics Internship Certificate (see www.dietetics.iastate.edu/)

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

Literacy Coaching Certificate (see www.education.iastate.edu/graduate/)

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

Instructional Design (see www.education.iastate.edu/graduate/)

Principal Endorsement (Pre-LEAD) (see www.elps.hs.iastate.edu/edadm/edadmhmpg3-acad.php)

Social Justice Certificate (see www.education.iastate.edu/graduate/)

Special Education Certificate (see www.education.iastate.edu/graduate/)

Superintendent Licensure (see www.elps.hs.iastate.edu/edadm/edadmhmpg3-acad.php)

Double Majors

Students may elect a second major from the departments 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 , Two Bachelor's Degrees.

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 programs with a variety of colleges and universities around the world including Glasgow Caledonian University, Glasgow, Scotland; University of Otago, Dunedin, New Zealand; the International College of Hospitality Administration, Brig, Switzerland; the London College of Fashion, London, England; Lorenzo de Medici, Florence, Italy; Accademia Italiana, Florence, Italy; and Paris American Academy, Paris, France. Students also have an opportunity to participate in group study abroad programs to Europe, Africa, Central and South America, and Asia.

Other opportunities may be developed through consultation with the college director of international experiences and the student's adviser; for example, students have acquired internships and studied in such countries as Kenya, Rwanda, Spain, Puerto Rico, Ireland, Guatemala, Switzerland, England, Australia, Germany, and France. Faculty members bring diversity and global perspectives to instruction and research through their work in India, South Korea, Central and South America, Pakistan, Africa, 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. Also see Index , Honors Program.

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 public and private institutions and for teaching, research, and extension positions in colleges and universities.

Graduate Curricula

- Apparel, Events, & Hospitality Management – www.aeshm.hs.iastate.edu
- Food Science & Human Nutrition – www.fshn.hs.iastate.edu
- Human Development & Family Studies – www.hdfs.hs.iastate.edu
- Kinesiology – www.kin.hs.iastate.edu
- School of Education - www.education.iastate.edu

Graduate study in the College of Human Sciences is conducted through the Graduate College. Details are found in the Graduate College section of this catalog, (www.grad-college.iastate.edu) and on department websites.