College of Human Environmental Sciences

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The College of Human Environmental Sciences (CHES) is composed of three departments—Design, Housing and Merchandising; Family Relations and Child Development; and Nutritional Sciences-and the School of Hotel and Restaurant Administration. Each science-based program focuses on the reciprocal relationship between people and their natural, constructed or social environments. Graduates pursue professional careers in business, health, communications, education, international service, research, social welfare and a variety of agencies, organizations and institutions. Preprofessional options and advisement are offered for students interested in pursuing graduate education in law, medicine, dentistry or in their major fields of study.

Interdisciplinary, multicultural and global in perspective, the College programs link knowledge of individual development and environmental quality. The College's graduates are prepared for people-centered professions that develop solutions to many of today's most pressing issues. These issues include promoting and contributing to human development and family functioning, improving nutrition and health, designing and managing environments that address human needs where people live, work and play, and effectively managing and delivering products and services critical to the betterment of the environment.

Further information may be found on the Internet (www.okstate.edu/hes).

Accreditation

All programs culminating in a B.S. in Human Environmental Sciences are accredited by the Council for Accreditation of the American Association of Family and Consumer Sciences. In addition, specialized agencies have approved or accredited specific programs in the College as follows: The Foundation for Interior Design Education Research (FIDER) has accredited the undergraduate interior design program. The American Dietetic Association (ADA) has approved the Dietetic Internship and the Didactic Program in Dietetics (DPD). The Child Development Laboratory is licensed by the state of Oklahoma, Department of Human Services. The School of Hotel and Restaurant Administration is accredited by the Accreditation Commission for Programs in Hospitality Administration (ACPHA). The master's level program in marriage and family therapy is accredited by the American Association of Marriage and Family Therapists (AAMFT).

Academic Advising

The CHES Office of Academic and Research Services provides advisement for all freshmen enrolling in the College and coordinates advising in the College. When a student has identified a major area of study, the student transfers to the department of his or her choice. The student is assigned a faculty adviser in that department.

Each student is advised in the planning and scheduling of his or her course work. Advising sessions include discussions on career choice and internship opportunities. The student is encouraged to maintain a close relationship with the



adviser throughout the college career and to visit the adviser at times other than enrollment when only brief meetings may be possible.

Honors

Outstanding students in the College of Human Environmental Sciences who meet the requirements of The Honors College may earn The Honors College Degree while completing their undergraduate degree in this college. For more information, refer to "The Honors College" section of this *Catalog*.

College Honors are earned at the upper division (3000- and 4000-level classes) in the student's major and are one of the requirements for receiving a bachelor's degree with honors. Students with 60-93 credit hours must have a 3.37 cumulative GPA. Students with 94 or more credit hours must have a 3.50 cumulative GPA. College honors requires HES 4003 Honors Seminar, six hours of upper-division honors credit in the department and three hours of honors thesis or creative component. For further information on The Honors College, refer to the "Special Programs, Services and Facilities" section of this Catalog.

Career Services

Students in CHES have the benefit of a Career Services office designed specifically to serve them. CHES Career Services offers students opportunities to explore traditional and nontraditional careers. Students also have the opportunity to interview and intern with business and industry, participate in career empowerment workshops, learn of part-time job opportunities related to their areas of study, and identify internship possibilities. For students considering graduate or professional school, there are tools and contacts to aid them in finding programs. CHES Career Services provides a link to the University Career Services, and makes students aware of the resources available throughout campus, such as resumes on-line, on-campus interviews, career fairs, career and skill assessments, and many others.

Scholarships

Oklahoma State University has a scholarship program for entering freshmen, and applications should be sent to the University Scholarships Office by February 1. College of Human Environmental Sciences scholarship applications are due for continuing students in January and scholarship awards are made in April. Freshmen and transfer student scholarships are awarded prior to the fall semester. Criteria for and the amount of the scholarship awards vary.

Academic Programs

Undergraduate Programs. The Bachelor of Science in Human Environmental Sciences degree is offered by three departments and one school of the College. The majors are:

Design, Housing and Merchandising, with options in apparel design and production, merchandising and interior design.

Family Relations and Child Development, with options in early childhood education, individual, family and community services, and a preprofessional program with options in child development, youth and adult, or gerontology.

Hotel and Restaurant Administration, with an option in hotel administration and restaurant management.

Nutritional Sciences, with options in dietetics, foods and nutrition, and human nutrition/premedical sciences.

A minor may be pursued in some of the College's programs. Additional details about specific requirements in any of the departments or in the School may be obtained by contacting the specific offices.

Graduate Programs. The Master of Science degree is available in design, housing and merchandising; family relations and child development; hospitality administration; and nutritional sciences.

A new degree the Master of Science in Human Environmental Sciences has two specializations: non-profit administration and nutritional sciences. This degree requires a minimum of 36 hours and includes a creative component.

Students seeking admission to a master's degree program in any of the departments must have completed 30 semester credit hours in human environmental sciences or closely-related subject matter. A student with background deficiencies must compensate for such deficiencies before completing the master's degree. Evidence of academic ability (a 3.00 GPA or above) in undergraduate work and Graduate Record Examination (GRE) scores are required.

The plan of study for a master's degree student is individually planned to develop academic excellence specific to the student's career goals. The master's degree requires a minimum of 30 semester credit hours including a six-hour thesis or 32 semester credit hours including a report or creative component. The selection and organization of courses are made in consultation with the adviser and the student's advisory committee. At least 21 semester credit hours must be completed in courses numbered 5000 or above.

The Doctor of Philosophy degree is an interdisciplinary degree program through the College in conjunction with the departments of Design, Housing and Merchandising, Family Relations and Child Development, Hotel and Restaurant Administration, and Nutritional Sciences in the College of Human Environmental Sciences. Individualized programs lead to an area of specialization in any one of the departments. Admission to the program is based upon evidence that the applicant meets general requirements of the Graduate College, has demonstrated superior achievement, and can successfully complete a doctoral program, as evidenced by letters of recommendation, GRE scores, a 3.50 GPA, and a philosophy statement and goals. Applications are reviewed by a graduate faculty committee in the department. This program offers an interdisciplinary combination of courses and research experiences. The program includes a strong emphasis on research and application of statistical procedures, as well as having students gain experience in resource generation, knowledge, sharing, and community engagement.

A minimum of 60 semester credit hours beyond the master's degree is required for the Ph.D. degree.

The Ph.D. degree prepares individuals to be researchers and educators for research positions in universities, business and industry, for university teaching and for administrative or management level positions.

The *Doctor of Philosophy* degree in food science is an interdisciplinary program available through the Department of Nutritional Sciences in cooperation with other University graduate programs.

Departmental Clubs and Honor Societies

American Society of Interior Design Student Chapter

Apparel, Merchandising, and Design Association

CHES Ambassadors

CHES Graduate Student Association

CHES Scholar Leaders

CHES Student Council

Club Managers Association of America

Eta Sigma Delta (hotel and restaurant administration honor society)

Family Relations and Child Development Club

High Society Catering

Hotel and Restaurant Society

International Facility Management Association Student Chapter

Kappa Omicron Nu (scholarship and leadership honor society)

Nutritional Sciences Club

Phi Upsilon Omicron (scholarship and leadership honor society)

Sigma Phi Omega (gerontology honor society)

Design, Housing and Merchandising

Professor and Head Donna H. Branson, Ph.D.

The mission of the Department of Design, Housing and Merchandising is to continuously improve the development and delivery of future-oriented, integrated instruction, research and outreach programs in design and merchandising that focus on the individual-environment interaction, that are globally oriented, scientifically based and that enhance quality of life in a socially responsible manner. Three undergraduate options are available: interior design, merchandising, and apparel design and production

Students in interior design are preparing for careers as professionals who assist businesses and families in planning interior spaces and solving problems relative to the function and quality of interior living and work space. Course work includes fundamentals of design, design analysis, space planning and programming, design of interior space, CAD and related aspects of environmental design. Students must pass the Proficiency Review Process at the end of their sophomore year to be accepted into the junior-level studio courses. Career opportunities include professional practice in interior and architectural firms, historic restoration and preservation, product design and sales, and facility management. The Foundation for Interior Design

Education Research (FIDER) has accredited the undergraduate interior design program. An emphasis in facility management, that prepares students to work in the facility planning and management department of a large firm such as a corporation, hotel or health care facility, is also available.

Students in merchandising are preparing for careers with major firms in the apparel, interiors and related retail fields. The focus is on developing competencies associated with merchandising and management for the softgoods retail industry. Course work includes retailing, marketing, merchandise planning and analysis, buying practices, promotion, visual merchandising, fashion and market trend analysis, quality assurance and international sourcing. Career opportunities include merchandise manager for retailers and manufacturers, marketing manager for manufacturers, merchandise sourcing manager, visual merchandiser, fashion coordinator, mall manager, and manufacturer's representative.

Students in apparel design and production are preparing for careers in the apparel, textiles, and sewn products industry. The program emphasizes the integration of design principles, fabrication, the needs and desires of the ultimate user, and mass production capabilities toward creation and production of sewn products. Course work includes principles of design, apparel production, quality assurance, functional apparel design, properties and performance evaluation of textiles, pattern making, CAD and entrepreneurship. The American Apparel and Footwear Association (AAFA) has approved the Pre-Production (design) and Production Management undergraduate curricula, making OSU one of only nine universities nationally recognized with an AAMA approved fouryear apparel program. Career opportunities include fashion and functional designer, apparel engineer, product development manager, accessory designer, pattern maker, pattern company or manufacturer's representative, textile designer, sourcing manager, quality assurance manager, and production manager.

Students in all three options will develop business management, communication, creative problem solving and administrative skills. An internship is required for all undergraduate students. Minors are available in merchandising and apparel design and production.

Graduate Programs

The Department of Design, Housing and Merchandising offers graduate work leading to the Master of Science in de-

sign, housing and merchandising and the Doctor of Philosophy in human environmental sciences degrees. The programs are scientifically based and research oriented. Graduate degrees in the department are tailored to departmental areas of expertise, professional goals of the candidate and College of Human Environmental Sciences and Graduate College requirements. Graduate programs may focus on either merchandising or environmental design. Students may investigate environmental design and merchandising from the following perspectives: product development and evaluation, consumer and supplier behavior, business development and management, and constructed environmental and individual interrelationships

The Master of Science Degree. The Master of Science degree is designed to prepare individuals for careers in business, industry, extension and post-secondary or college teaching. The program is built around the academic background, experience, needs, special interests and professional goals of the student. The selection of courses that meet departmental requirements is made in consultation with the advisory committee. If the undergraduate degree is not in the area of specialization, specific undergraduate courses in design, housing and merchandising will be required as prerequisites. A minimum of 21 credit hours is required in the department. Additional courses may be selected from other areas of human environmental sciences or from supporting areas such as marketing, sociology, communications, and architecture. A thesis or creative component is required of all students.

The Doctor of Philosophy Degree. The Ph.D. prepares individuals for research positions in universities, business and industry, for university teaching and for administrative or management level positions. The student will be expected to have a master's degree or equivalent in design, housing and merchandising or in a closely-related area from a college or university of recognized standing. A student may be required to demonstrate competence in the area of specialization and in related areas, and further course work may be required before admission will be granted.

The plan of study is individually determined for the student in cooperation with an advisory committee. Each plan of study will be an integrated combination of courses and research providing for specialization within an area of design and merchandising, including synthesis of knowledge drawn from departments within and outside of human environmental sciences. Emphasis is on attainment of competencies rather than on the

completion of specific numbers of credits; however, a minimum of 60 credit hours beyond the master's must be completed. Each student will develop competence in the area of specialization which includes courses in the major and the support area. An international and management dimension are included.

The program includes a strong emphasis on research and application of statistical procedures, as well as having students gain experience in resource generation, knowledge sharing, and community engagement.

More detailed information on graduate study in the Department of Design, Housing and Merchandising can be obtained by writing the head of the department.

Family Relations and Child Development

Professor and Interim Head Peggy S. Draughn, Ph.D.

Courses in family relations and child development assist men and women in preparing for people-oriented and service-oriented professions, in preparing teachers, and in developing attitudes and skills that are fundamental to satisfying relationships between people and their physical, constructed and social environments.

The mission of the Department of Family Relations and Child Development is to provide innovative and competent leadership in:

- Research that contributes to the creation of knowledge and advances the understanding of human development and family relationships;
- Instruction that provides quality learning experiences that prepare individuals for productive professional accomplishments and meaningful personal and family relationships; and
- Outreach of knowledge, academic expertise, and service to the public and the profession.

The department offers undergraduate students options in early childhood education; individual, family and community services; and preprofessional. All options emphasize integration of theory and research with practice.

The early childhood education teacher certification option provides professional preparation for individuals to teach in public school programs for prekindergarten through third grade. The option prepares students to design developmentally appropriate curricula for young children. An early childhood education certificate is required to teach prekindergarten through kindergarten in Oklahoma public schools. It also provides preparation for working with infants through preschool and families in a variety of settings.

The individual, family and community services option prepares individuals for careers in providing services to children, youth and adults, and their families. The course content focuses on individual development and family dynamics in the context of the community. Career opportunities are in public and private social services agencies, and in business and industry. The individual, family and community services option is available on both the OSU-Stillwater and OSU-Tulsa campuses.

The *preprofessional* program has three options: (1) child development, (2) youth and adult, and (3) gerontology. These options provide education for individuals planning to continue their education in graduate programs, medical school, law school, or other specialized graduate programs. The curriculum focuses on developing skills in critical thinking, scientific investigation, and written and oral communication. Students are prepared for advanced education in such areas as family therapy, medicine, physical therapy, gerontology, law and psychology. This option provides flexibility to accommodate the student's particular area of interest or to meet prerequisites for a professional school.

The B.S. degree requires a minimum of 124 semester credit hours. A minor is also available in the department; information on requirements may be obtained from the department head. Articulation agreements between Oklahoma State University and Tulsa Community College provide for a seamless transition toward a baccalaureate degree in family relations and child development undergraduate options.

Further information may be found on the Internet (www.okstate.edu/hes/frcd).

Graduate Programs

Graduate study in the Department of Family Relations and Child Development (FRCD) is designed to prepare students in the creation, dissemination, and application of knowledge that enhances the quality of life for individuals and families. The Department of FRCD offers a marriage and family therapy specialization that is accredited by the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE) of the American Association for Marriage and

Family Therapy (AAMFT). The Child Development Laboratory is licensed by the state of Oklahoma, Department of Human Services and is accredited by the National Association of Young Children. The department has a 50-year history of providing quality graduate education in family relations and child development.

The Department of Family Relations and Child Development offers graduate study leading to the Master of Science degree and the Doctor of Philosophy. Both the Master of Science degree and the Doctor of Philosophy degree programs develop the theoretical and research foundation for further graduate study or for the application of new knowledge. The graduate programs are tailored to the candidate's professional goals, expertise of faculty members, Department of Family Relations and Child Development, and College of Human Environmental Sciences and Graduate College requirements. Graduate programs are central to the department's research and generation of knowledge efforts. Faculty and students share an obligation to make significant contributions to the store of knowledge and share this knowledge with various audiences.

The Master of Science Degree. Admission to the graduate program is selective and based on a variety of criteria including grade-point average, Graduate Record Examination (GRE) scores, letters of recommendation, and student goals. Students need not have majored in family relations and child development but should have 12 upper-division semester credit hours in child or human development, family sciences or closely-related areas. Students not meeting these criteria may be required to complete prerequisite undergraduate courses in order to be fully admitted to the graduate program.

A minimum of 18 credit hours of core departmental course work is required. Depending upon the program area, additional courses are required in each specialization area as described below. Students are admitted into one of the following specializations for the Master of Science degree: (1) child development, (2) family science, and (3) marriage and family therapy.

Beyond the departmental core courses, students within each specialization take course work determined in consultation with their advisers and advisory committees. The child development and family science specializations require a minimum of 30 semester hours for the thesis option and 36 semester hours, including a written creative component, for the non-thesis option. The early childhood specialization requires a minimum of 39 semester hours for either

the thesis or non-thesis option. The marriage and family therapy curriculum is designed to meet the COAMFTE accreditation guidelines and requires 51-60 semester hours.

The *child development* specialization includes courses in child development to provide the background for working with young children and parents. This specialization emphasizes a balance of academic knowledge for current research and theory and opportunities for experience in the child development laboratory or classroom environment. This specialization is designed for individuals who desire further education in child development and is the natural extension of an early childhood education degree. It provides the background for working with young children in a variety of settings. Students in this specialization gain a core theoretical and research base and could choose to build a program which leads to partial fultillment of requirements for state certification in early childhood programs, parent education, child development specialist, and curriculum specialist.

The early childhood education specialization emphasizes child development as a foundation for the study and practice of professional education for children under age eight. Students take course work related to professional practice in early childhood education including models and programming in early childhood education; curriculum; diversity; administration, policy and advocacy; and assessment. Students complete a field experience in early childhood education as a part of the degree program. The program is designed to meet the M.S. needs for: (a) educators who desire to extend their background in current early childhood educatin issues or (b) others with education or social science backgrounds who desire to develop a background in applying child development knowledge to the study and practice of professional education for children under age eight. The M.S. specialization in early childhood education is available on both the OSU-Stillwater and OSU-Tulsa campuses.

The family science specialization is designed for students who desire to work with families in family life education, or in family and community service settings, or to pursue doctoral studies in family science. The curriculum provides the research and theoretical foundations and opportunities to develop the professional skills necessary to work in a variety of family-oriented careers or to pursue further graduate studies. Career opportunities include administrator of family and community services agencies, family life educator, family consultant, and parent educator.

The marriage and family therapy specialization provides students with basic knowledge, skills and a professional identity essential for entry-level practice of marital and family therapy. This program is accredited by the Commission on Accreditation for Marriage and Family Therapy Education of the American Association for Marriage and Family Therapy. This program has restrictive admission requirements. The curriculum includes course work in individual development, marital and family systems, marital and family therapy, professionalism and ethics, research and statistics and supervised practicum. Graduates practice in controlled settings and under supervision, with methods for determining how couple and family problems develop and can be resolved.

Students completing an M.S. degree in family relations and child development may work toward the Graduate Certificate in gerontology. Students design plans of study that meet both the requirements for a degree in one of the FRCD specializations and the gerontology certificate. The certificate allows students to receive specialized instruction, experience and research opportunities working with older adults. Oklahoma State University is an institutional member of the Association for Gerontology in Higher Education.

The Doctor of Philosophy Degree. The Doctor of Philosophy degree is awarded in human environmental sciences with specialization in family relations and child development. The objective of the program is to offer an integrated interdisciplinary combination of courses and research with a specialized focus on family or child development sciences. The program is designed to prepare competent researchers and educators who will make contributions to the scientific literature in child development and family sciences. This program provides intensive mentoring with individual faculty so that the students can tailor their studies to meet specific interests and needs. The program includes a strong emphasis on research and application of statistical procedures, as well as having students gain experience in resource generation, knowledge sharing, and community engagement.

Admission to the Ph.D. program is selective and requires the completion of an M.S. in family relations, child development or a related area. Admission decisions are based on a variety of criteria including grade-point average (3.00 grade-point average in undergraduate work and 3.50 in previous graduate study preferred; 3.25 in previous graduate study is required), GRE scores (450 or higher in each of the Verbal, Quantitative

and Analytical sections preferred), letters of recommendation, student goals, and TOEFL scores (required for students for whom English is a second language, 575 minimum).

Students work with their advisers and advisory committees to develop flexible, yet rigorous programs that meet both degree requirements and the professional needs of specialization within family relations and child development. Under the direction of doctoral advisory committees, Ph.D. students design a plan of study that provides opportunities to develop competencies in sharing knowledge, generating knowledge, community engagement, and resource generation. The program requires a minimum of 60 hours beyond the master's degree including 18-30 hours in FRCD and supporting areas, 18-30 hours in research methods and statistics, a three hour course in human environmental sciences, and 15 hours of dissertation. Students who did not complete a thesis for the master's degree are required to complete a thesis equivalent project in addition to the minimum 60 credit hours beyond the master's degree.

Nutritional Sciences

Professor and Head Barbara J. Stoecker, Ph.D.

The Department of Nutritional Sciences prepares graduates for positions in health professions including nutrition and dietetics. Requirements for admission for most medical schools can be met through the human nutrition/premedical sciences option. The dietetics option prepares students for a diverse and dynamic profession that integrates human nutrition, food service administration, food science, chemistry, physiology, management and interpersonal skills. The foods and nutrition option is for students who desire to work in the field of foods and nutrition but do not plan to become a registered dietitian or apply to a professional school.

Three degree options and a minor are offered through the department.

The foods and nutrition option provides emphasis areas for students interested in foods and health journalism, in food service management, in community nutrition and in food product development. Career opportunities include foods or nutrition editor for various media, food service design consultant, dietary products or equipment representative, cooperative extension specialist, nutrition

educator, and food scientist for industry. The *dietetics* option meets the Didactic Program in Dietetics (DPD) academic requirements and is approved by the American Dietetic Association. The department requires a minimum of a 2.50 GPA for enrollment in professional courses in dietetics. With appropriate electives, minors may be obtained in restaurant administration, business administration or health. The human nutrition option is ideal for students desiring greater depth in the physiological and biochemical sciences in preparation for medical and other professional schools, graduate study and research in human nutrition.

When students successfully complete the academic requirements (DPD) and experience component (dietetic internship) they are eligible to write the Registration Examination for Dietitians which is administered by the Commission on Dietetic Registration of the American Dietetic Association. Individuals who are successful on the examination become registered dietitians and are entitled to use the initials "R.D." to signify professional competence. Many states including Oklahoma also require a license to practice dietetics in the state.

Nutrition professionals work in a wide range of settings, in both the public and private sector and assume an array of challenging responsibilities. Career opportunities for a registered/licensed dietitian include: health care dietitian and administrator, nutrition or food science researcher, fitness/wellness consultant, public health nutritionist, entrepreneur in dietetic programs and services, and corporate dietitian/nutritionist.

Some of the specialized careers and college teaching require additional course work or advanced degrees.

The dietetic internship at Oklahoma State University requires prior completion of the DPD requirements and meets the American Dietetic Association's supervised practice requirements for registration eligibility. Its mission is to provide students with the knowledge and skills necessary to practice as an entry-level dietitian.

All students admitted to the internship must be enrolled concurrently in the graduate program of the Department of Nutritional Sciences. Students successfully completing the program may, if desired, continue to work toward a graduate degree and may apply graduate course work from the internship to their degree programs.

Further information may be found on the Internet (www.okstate.edu/hes/nsci).

Graduate Programs

The Master of Science Degree. Admission to the graduate program is selective and is based on a variety of factors including grade-point average, Graduate Record Examination (GRE) scores, letters of recommendation and student goals. The master's degree requires a minimum of 30 semester credit hours with six semester credit hours for research and thesis. Students may emphasize human nutrition, food service management, nutrition education, or food science. Each student prepares a thesis which is defended in a final oral examination.

The plan of study is individually planned with an adviser who is designated after entry into the program. An advisory committee gives final approval of the plan.

Students may also apply to the master's internationalist program which combines international experience and language training through the Peace Corps with academic study for an M.S. in nutrition. These students begin their academic study in the summer session to prepare them for their Peace Corps assignments one year later.

Students in the M.S. in human environmental sciences may also complete a specialization in nutritional sciences. The HES master's degree requires a minimum of 36 semester hours including a creative component. In addition to course work in nutritional sciences, a student in consultation with the advisory committee selects a support area in education, public health, gerontology or management, in addition to directed electives

The Doctor of Philosophy Degree. The Ph.D. degree is awarded in human environmental sciences with specialization in nutritional sciences. To be admitted, applicants will be expected to provide evidence of academic ability and preparation, and a statement of goals and letters of recommendation. An emphasis in human nutrition or in food systems administration and management is available depending on the student's interests and qualifications. The program includes a strong emphasis on research and application of statistical procedures, as well as having students gain experience in resource generation, knowledge sharing, and community engagement. The department also participates in OSU's interdisciplinary food science program at the M.S. and Ph.D. levels. To acquire the competencies required, the candidates will need to study in their areas of emphasis and in selected areas within and outside the department.

More detailed information on graduate study in the Department of Nutritional Sciences can be obtained by writing the graduate coordinator, or from searching the Internet (www.okstate.edu/hes/nsci).

School of Hotel and Restaurant Administration

Professor and Director Patrick J. Moreo, Ed.D., CHA

The School of Hotel and Restaurant Administration is accredited by the Accreditation Commission for Programs in Hospitality Administration (ACPHA), a specialized accrediting body. The mission of the OSU School of Hotel and Restaurant Administration (HRAD) is to strive to exceed students' expectations in learning, scholarship and advising with the highest integrity and trust. This mission is accomplished by implementing instructional and operational components in the curriculum identified by industry leaders as requirements for success. The academic program is delivered with balanced emphasis on management principles and practical hospitality business applications. The school has a reputation for providing qualified and skillful managers in lodging, restaurants, clubs and institutional food service settings. An educational facility of more than 22,500 square feet houses laboratories, classrooms, exhibit areas and faculty offices. Specific accommodations include: quantity food preparation areas with state-of-the-art commercial equipment and diverse methods of meal preparation; dining room management and table service laboratory; two fast-food service laboratories for multi-unit fast-food operations; basic food preparation laboratory; classroom and demonstration area; and project room. The School also operates the 80-room Hotel at OSU as a teaching

Career opportunities include restaurant operations, personnel administration, labor relations, sales and promotion, accounting, front office and general management positions. Positions as regional directors for lodging, restaurant, industrial, and fast food management chains are excellent possibilities. Airline catering, vending and individual restaurant entrepreneurship are additional career areas.

To meet the needs of the industry and provide sound academic preparation at

the undergraduate level, the curriculum emphasizes professional and general education. The professional area includes courses in accounting, law, finance, communications and economics. Courses in service management, food and beverage purchasing and control, layout and design, sales and promotion, front office management, and advanced hotel and restaurant management are also included in the specialized area. The B.S. degree with a major in hotel and restaurant administration may be earned by completing a minimum of 125 semester hours and achieving a "C" grade in courses required in the major area. A minor is also available in the School. Several specializations in hospitality management are available.

Successful completion of an industry work experience and a management internship is required. Internship placement in hotels, restaurants, and related establishments is arranged globally in cooperation with industry executives and the OSU faculty.

Further information may be found on the Internet (www.okstate.edu/hes/hrad).

Graduate Programs

The Master of Science Degree. Admission to the graduate program in hospitality administration is selective and is based on a variety of factors including undergraduate grade-point average, Graduate Record Examination (GRE) or Graduate Management Admission Test (GMAT) scores, letters of recommendation and goals of the applicant. Applicants are required to have a bachelor's in hospitality administration or allied field. Prerequisite courses may be required for students with undergraduate degrees in areas other than hospitality administration. The master's degree requires a minimum of 30 credit hours for the thesis option, 33 credit hours including a report, or 38 credit hours including a creative component.

The plan of study is individually developed with an adviser who is designated after entry into the program. An advisory committee gives final approval of the plan

Competitive graduate teaching and research assistantships, graduate fellowships and tuition fee waivers are available to qualified applicants.

The Doctor of Philosophy Degree. The Ph.D. is awarded in human environmental sciences with specialization in hospitality administration. This program focuses on research and prepares researchers, educators and practitioners to make contributions to hospitality higher education and the literature in the hospi-

tality field, and requires a minimum of 60 hours beyond the M.S. degree. The program includes a strong emphasis on research and application of statistical procedures, as well as having students gain experience in resource generation, knowledge sharing, and community engagement.

More detailed information on graduate study in the School of Hotel and Restaurant Administration can be obtained by writing the director of the School.