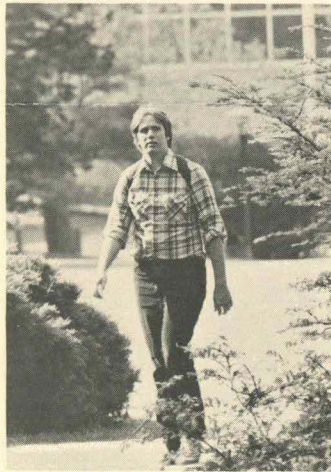




# elementary education

college of education



If you have worked with children in a church or summer recreation program, coached a little league team, helped with child care, or led a scout troop, you may have thought, at one time or another, that you would enjoy a career in teaching.

Elementary school teachers work in a variety of settings. Some schools are traditionally organized by grade levels; others are non-graded. Your class may be self-contained or you may share responsibility for a large group of children with other teachers through a

departmentalized or team-teaching situation.

No matter which setting you choose, you will be responsible for guiding the growth of children—intellectually, socially, and emotionally. You will play an important role in helping them develop an academic foundation, social skills, and a positive approach to life.

As you probably know, children have insatiable curiosity, boundless energy, and a short attention span. As a prospective

teacher, you must be eager to share knowledge and you must possess a sense of humor, patience, and vitality. Qualities of self-discipline, flexibility, and compassion are also important.

Iowa State's program in Elementary Education will prepare you to teach kindergarten through grade six. In addition to a broad academic background, you will develop expertise in a content area, such as history or science, or in an area of specialized need, such as teaching mentally disabled children.

## career opportunities

Teaching is an exciting, challenging, and satisfying profession and, like most other worthwhile careers, it has many different choices to offer.

Once you gain initial teaching experience, you may work with children who have special needs such as the mentally retarded, the emotionally disturbed, those with reading problems, the physically handicapped (visually impaired, speech-, or hearing-handicapped), or the gifted and talented. This type of choice requires additional special training, at least part of which may be worked into your undergraduate program. Graduate work may also lead to a career as a guidance counselor, school administrator, social worker, or a psychometrist.

There is always a need for well-qualified educators and Iowa State's teaching graduates are experiencing fairly good success in the job market. This is especially true for those who have geographic mobility and

are willing to teach in small towns and rural communities. Contrary to popular belief, the ratio of teachers to elementary students has stabilized in recent years, and a number of areas are now short of teaching personnel.

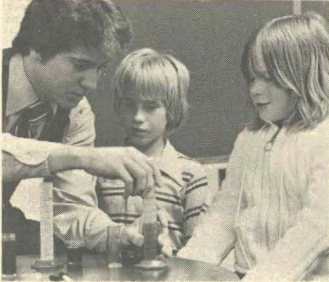


## high school preparation

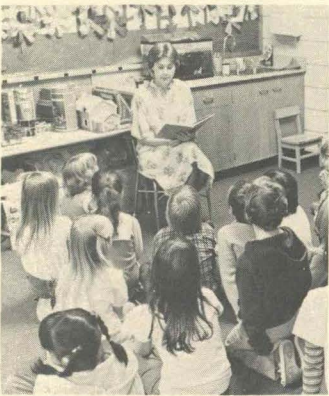
During high school, be sure to develop a broad general education which includes at least three years of English/speech (with emphasis on composition and communication skills), as well as coursework in mathematics and the natural and social sciences.

Experience in working with children in camping, community, or recreation programs, sports, child care, scouting programs, or similar activities is very beneficial.

## the program



At Iowa State, elementary teacher preparation is a blend of theory, practice, and academic work in basic areas of knowledge and communication. Primary focus is given to developing a broad education through studies in the biological sciences, communications, mathematics, and the physical and social sciences.



You will develop teaching techniques and knowledge in the major curriculum areas of social studies, language arts, science, and mathematics. In addition, you will study at least two of the following curricula: creative dramatics, music, children's literature, art, health education, physical education, and environmental studies.

To provide insight into child behavior, you will study the growth and development of children. Your education will be further enriched by the development of a concentration in an area of special interest. Your concentration may be in a discipline such as drama,

history, psychology, foreign language, or biology, or in an area of education such as educational psychology, child development, or teaching culturally different, physically handicapped, or gifted children. Each student's concentration is highly individualized and yours will be developed according to your personal interests and goals.

The core of your professional education will be the block sequence, consisting of three block periods of one semester each. The purpose of the block structure is to coordinate campus classes with observation and experience in elementary schools for a meaningful education. It also provides a sequential development of practical experience in the field.

Block I is usually taken spring semester of the freshman year or fall semester of the sophomore year. Classes introduce you to the field of education and you become personally acquainted with the profession by observing

an elementary class one afternoon per week.

Block II occurs during the spring of your sophomore year or fall semester of your junior year. The block period goes beyond observation to actual involvement in teaching children for two mornings each week. Coordinated courses on campus include methods of instruction, reading, and instructional media.

Your studies will culminate with Block III, a full-time student teaching experience. You will teach under the guidance of experienced teachers for nine weeks in a primary grade (K-3), and for nine weeks in an intermediate grade (4-6). If you choose, you may spend half of your student teaching assignment in one of three special programs: teaching children who have mental disabilities, teaching inner-city students in Kansas City, or teaching abroad.

## faculty and facilities



Elementary Education is one of the largest and most dynamic undergraduate programs at Iowa State. Faculty members, most with doctoral degrees, all have had first-hand experience in the elementary classroom. In addition to their strong academic backgrounds in elementary education, individual faculty members have specialties in such areas as reading, math-science, language

arts-social studies, emotional disabilities, learning disabilities, mental disabilities, and teaching the culturally different.

The Department of Elementary Education is headquartered in the newly remodeled Quadrangle. In addition to its attractive and spacious classrooms, the Department has a teaching laboratory which provides resource information

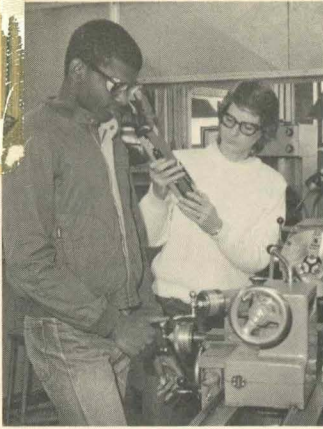
and equipment for developing teaching materials, as well as a learning strategies classroom, which is specifically designed for teaching observation. Elementary Education majors also utilize the Instructional Resource Center, a multi-media facility which contains curriculum, production, and equipment laboratories, as well as micro-video studios.

## more information

If you would like to know more about Elementary Education at ISU, you are welcome to visit the Department or write to:

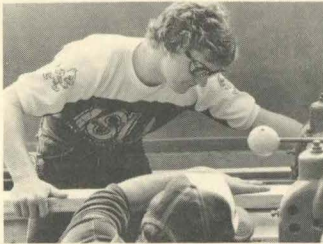
Department of Elementary Education  
N 131 Quadrangle  
Iowa State University  
Ames, Iowa 50011





# occupational safety

## college of education



### career opportunities

Would you like to prepare for a career in occupational safety? Now you can through an independent major in the Department of Industrial Education and Technology.

Occupational safety is a newly offered curriculum at ISU,

created to meet the demand for graduates with expertise in occupational safety.

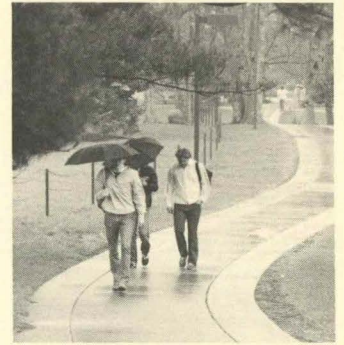
Highly trained and talented men and women are needed to apply the principles of accident prevention to business, government, and industry.

If occupational safety interests you, consider it as an independent major or as a double-major with industrial education and technology.

Should you decide to enter the occupational safety field, you will discover that many job opportunities exist across the country.

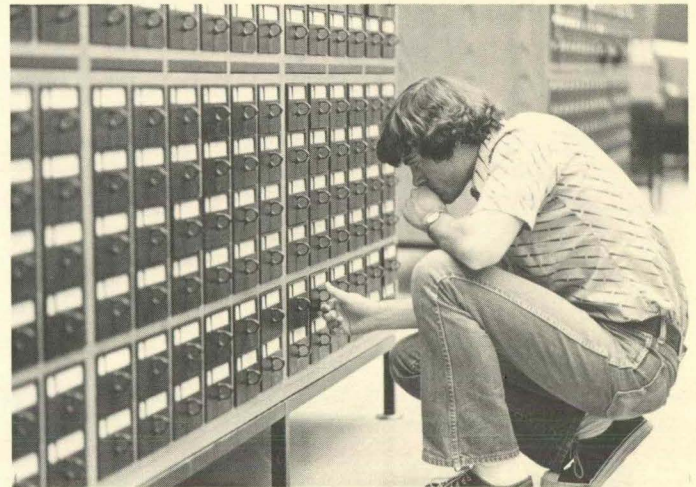
Career opportunities for occupational safety majors are as varied as the curriculum offerings. Occupational safety graduates have taken positions as loss control representatives for the insurance industry, safety

engineers in manufacturing plants and the construction industry. Others are serving as health and safety specialists for universities, as well as consultants/enforcement staff for the Iowa Occupational Safety and Health Administration (IOSHA). Still others have found the need for more education and have entered graduate programs in occupational safety.



### high school preparation

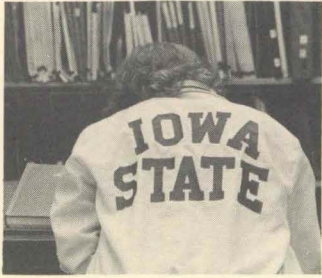
As a high school student, be sure to take college preparatory classes with emphasis in the sciences, particularly in chemistry and physics. From a practical standpoint, industrial arts courses, such as electricity, will prove very helpful.



# Iowa state university

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DES MOINES, IOWA 50319

## the program



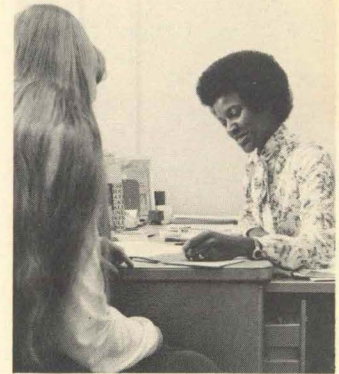
The occupational safety major requires 128 hours for the B.S. degree. Coursework is required in general and organic chemistry, mathematics through calculus, communication (speech, English, and technical writing), engineering, economics, psychology, computer science, and socio-humanistic courses. These courses comprise approximately one-half the degree requirements.

In the technical area, emphasis is placed on practical experiences in electronics, materials and processes, and graphic communication. In the occupational safety sequence, the interrelationships between people, machine, and environment are explored to

determine accident causation and preventive techniques.

Each undergraduate student participates in an internship experience before graduation. This work experience combines classroom learning with on-the-job learning experience within private or governmental agencies.

Upon graduation, the graduate must be employed for a year in a safety position before he or she is eligible to take a core exam leading toward certification as a safety professional. After successfully completing this core exam criterion, five years of safety experience must be acquired before taking the specialty exam to become a Certified Safety Professional (CSP).



## faculty

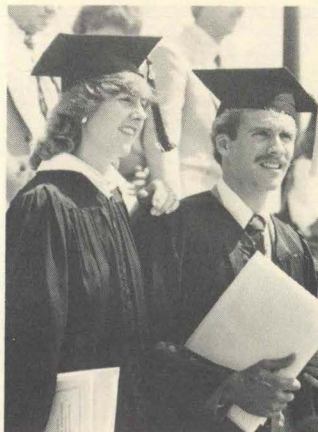
The faculty consists of three full-time professors; however, the interdisciplinary approach draws upon expertise in many related areas such as chemistry, physics, mathematics, and psychology.



## more information

If you have any questions, you are welcome to stop by or write to:

Dr. Jack Beno or  
Dr. Loren Muench  
Safety Education Lab  
Iowa State University  
Ames, Iowa 50011  
(515) 294-5940 or  
(515) 294-5945



3, c. 2



# industrial education

college of education



Today we live in a world increasingly dependent on industrial products and services. To foster positive industrial growth and to meet the changing demands of a technological age, industrial firms are actively seeking to fill management roles with men and women who are qualified to operate complex machinery and direct personnel. Employees with problem-solving and technical skills are also in demand, increasing the need for

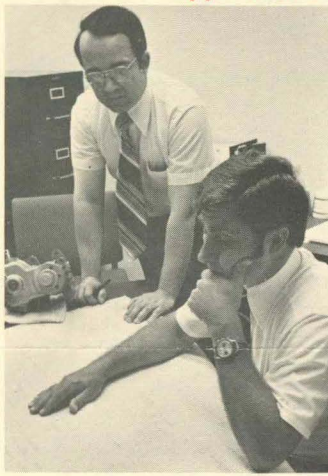
vocational and industrial arts teachers.

To help meet the growing needs of industry, the Department of Industrial Education at Iowa State is preparing graduates to assume important roles in education and in industry through four program areas: industrial arts teaching in secondary schools; vocational teaching in community colleges for such areas as electronics,

automotive mechanics, welding, computer technology, and architectural drafting; middle management and supervision in industry; and occupational and traffic safety.

If you enjoy working with your hands and using your mind to meet industrial challenges, consider enrolling in Industrial Education at ISU. . . it can open the door to an exciting career future.

## career opportunities



### Education

Working with and helping students learn how to learn is the challenge of all teachers. In industrial arts, you will have the responsibility of guiding young people in their initial exposure to industrial processes and technical problems.

You may teach on the junior or senior high level, acquainting students with such technical clusters as energy and power, graphic communications, and materials and processes. Most students enjoy industrial arts because of the activities involved, the choice of projects or problems, and the rewards of creating, constructing, and actually using their products.

There continues to be a critical shortage of industrial arts teachers in Iowa and the nation. As a result, those who prepare for this career option are experiencing excellent employment success.

To become a vocational-technical instructor at a community college, you must accumulate 3,000-6,000 hours of work experience in a specific trade and take additional teacher preparation courses after graduation. A master's degree is optional. However, to teach at a university, a doctoral degree is usually necessary.

### Industry

Iowa State's industrial sequences will lead to middle management and supervisory careers in manufacturing, safety, production, and construction, as well as careers in sales, quality control, and research.

Today there is an unprecedented demand for graduates in industry, and with the expected industrial growth in Iowa and our nation, the future looks bright.

The job market in occupational safety is also excellent. In fact, over 3,500 new jobs are created

in the field each year. If you work in this area, you will probably implement and improve company safety programs, or work for the government, ensuring that safety standards are met.

Some of the recent positions secured by graduates pursuing careers in industry include: foundry division manager, safety engineer, personnel manager, design draftsman, service manager, order specifications analyst, production foreman, plant maintenance and inspection worker, process supervisor, sales manager, and quality control engineer.

Starting pay and advancement opportunities are excellent. In some cases, companies will even provide tuition for advanced study.

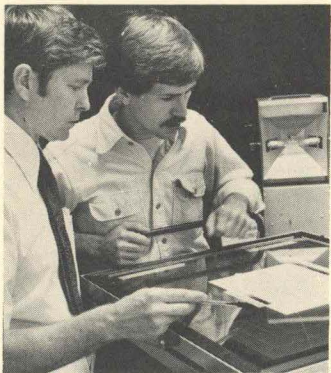
## high school preparation

During high school, be sure to develop a good foundation in mathematics, science, and industrial arts, as well as skills in communication. Active participation in student clubs and part-time or summer work is helpful.

## the program



The program of study for the freshman and sophomore years at Iowa State is similar for all Industrial Education majors. At the end of your sophomore year, a program will be developed to meet your individual needs based on your interests, abilities, and professional goals. Depending on your career orientation, you will pursue coursework in one of the following options: Industrial Arts Teaching, Industrial Vocational-Technical Education, Industry, or Occupational and Traffic Safety. Personal guidance in the selection of courses is provided by Departmental advisors who assist every student.



The core of your major studies will cover the areas of graphic communication; power, energy, and transportation; and materials and processes. Technical laboratory work will include drafting and design, wood technology, metalworking, electricity-electronics, plastics, and power-mechanics. Completion of basic courses in English, mathematics, and the sciences, including chemistry and physics, is also necessary.

If you plan to teach, you will develop knowledge and skills in subject-matter areas, teaching methods, program planning, and human relations. If you plan to work in industry, you will develop expertise in personnel management, supervision, and administration as well as technical knowledge and skills in industrial operations or safety.

Prospective industrial arts teachers complete a student teaching experience in an Iowa school during their senior year. Although field experience is not

required of students in the other options, a supervised cooperative education program is available.

For fun and learning, you may wish to join the Industrial Education Club, which sponsors guest speakers and social events. The club also schedules an annual field trip to a major city, such as Chicago, Kansas City, or St. Louis, to observe schools and industrial operations ranging from automotive production to meat packing.



## faculty and facilities

Faculty members in the Department of Industrial Education bring both practical and theoretical approaches to the program through academic expertise and career experience in education and industry. The faculty members are personally interested in each student, and laboratory courses are purposely

small to foster learning on an individual as well as a small group basis.

Departmental laboratories contain a half-million-dollar inventory of current industrial equipment which is utilized in teaching and research.



## more information

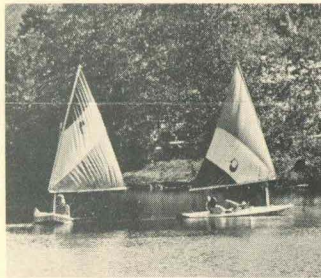
If you would like to know more about Industrial Education at Iowa State, you are welcome to visit the Department or write to:

Department of Industrial Education  
114 Industrial Education Bldg. II  
Iowa State University  
Ames, Iowa 50011



# leisure studies

college of education



Imagine yourself . . . planning activities for a summer camp, developing craft ideas for a handicapped adult, organizing a community baseball tournament, or creating a puppet show to prepare a child patient for an operation. If you can see yourself in any of these situations, a career in leisure services may appeal to you.

Professionals in leisure services are involved in organizing and

administering programs to meet the recreational needs of individuals and groups. As a professional in the field, you may develop programs to satisfy the leisure needs of children, youth, or adults or the specialized needs of the ill, the physically or emotionally disabled, or the elderly. Career settings vary, from a patient's bedside to a concert hall, from an urban recreation center to a remote wilderness area.

You will find that leisure services is an exciting, people-oriented profession which requires dedication, enthusiasm, patience, creativity, flexibility, and leadership skills. For those who enjoy contributing to the happiness of others, it is a profession which offers great personal reward.

## career opportunities



If you decide to enroll in Leisure Studies at Iowa State University, you will be prepared to enter a profession characterized by breadth and diversity.

You may be employed in a municipal parks and recreation program, as most graduates are, working with individuals and groups in a community setting. Your first job may be as a program coordinator, recreation supervisor, assistant park director, or recreation specialist.

Or, if you desire to work with the ill, the disabled, the elderly, or the imprisoned, you may secure employment in therapeutic recreation as an activity director, director of camping and recreation, or therapeutic recreator. Your employment setting may be a medical treatment center, hospital-school for the handicapped, camp for the handicapped, nursing home, psychiatric day-hospital, correctional

treatment center, or rehabilitation center.

Perhaps you prefer to work with young people. If so, you may obtain employment with the YMCA, YWCA, Boy Scouts, Girl Scouts, Campfire, Boys' Club, or other youth organization. Your first job may be as a camp director, assistant program director, or fitness instructor.

County, state, and national park and conservation departments also offer attractive job opportunities. If you pursue employment in this area, your initial job may be as a recreation planner, park naturalist, ranger park aid, or coordinator of youth training.

If working in a college or university setting appeals to you, you may be interested in pursuing a master's degree to become involved in campus recreation as an assistant director, recreational facilities

coordinator, or outdoor recreation manager.

Some graduates in Leisure Studies have pursued related employment in private and commercial enterprises, securing such positions as sports equipment representative, manager of a sports equipment firm, aquatics director for a fitness center, and recreation specialist for a health center.

As you will discover, advancement opportunities in leisure services are excellent, ranging from increased job responsibility in leadership or supervision to the direction of a total program. What's more, experience and advanced study may lead to a professional role as a leisure counselor, program analyst, college teacher, or researcher. Allied fields such as community education, adult education, and gerontology offer additional career opportunities.

## high school preparation

The ability to communicate well is fundamental to career success, so be sure to develop your writing and speaking skills during high school. Your curriculum should also include studies in the social sciences, such as sociology, psychology,

history, political science, and American government. Furthermore, try to develop your interests in music, art, speech, drama, or physical education now, for they will later increase your employment potential.

Working in a volunteer or paid position for a camping program, parks or recreation program, nursing home, day care center, or community helping agency is also beneficial.

## the program



To accommodate the diverse nature of the leisure services field, Iowa State's program is necessarily broad and comprehensive. Primary focus is given to an integrated core of courses in Leisure Studies and the social sciences, as well as to practical career-related experience.

Your major coursework will provide insight into the history of parks and recreation, as well as leadership, administration, and program development in the areas of community-based park and recreation services, outdoor recreation, and therapeutic recreation. Moreover, you will take courses in first aid and emergency care, accounting, management, landscape architecture, outdoor resources, government operations, small group dynamics, sociology of leisure, and publicity and public relations.

To give you early exposure to the leisure services profession, you will participate in a two-credit practicum during your

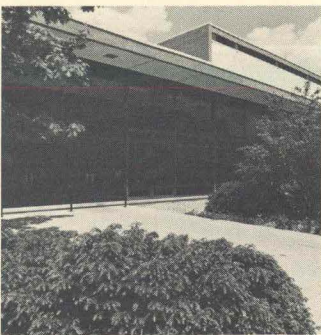
sophomore or junior year, observing and assisting a professional in the field. The highlight of your studies will come during your senior year when you have the opportunity to integrate your knowledge and skills in a supervised 12-credit internship. Internships are assigned on an individual basis and vary from working in

therapeutic recreation in a hospital to working in a summer parks and recreation program.

Experiential learning is also incorporated into many Leisure Studies classes through field trips, special field study projects, and lectures by visiting recreation professionals.



## faculty and facilities



The Leisure Studies curriculum, which is administered by the Department of Physical Education and Leisure Studies, operates out of a suite of offices in Beyer Hall. The office area has an attractive, adjoining lounge which is open to students for study, informal discussion, and extracurricular meetings.

Faculty members involved in the program possess excellent career backgrounds which cover the broad scope of the leisure services field. In addition to their teaching background, individual faculty members have had supervisory and administrative experience in municipal parks and recreation, therapeutic recreation, outdoor recreation and camping, campus recreation, and voluntary agency programs.

As an Iowa State student, you will have a variety of leisure activities to choose from. ISU has one of the largest intramural programs in the country. It offers a wide variety of entertainment, features outstanding recreational equipment and facilities, and has sports clubs which accommodate interests from skydiving to chess.

## more information

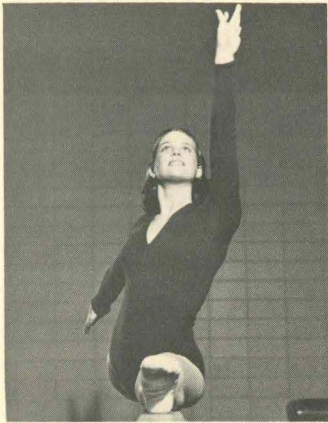
If you have any questions about Iowa State's program in Leisure Studies, you are welcome to visit the Department or write to:

Leisure Studies  
Department of Physical  
Education and Leisure Studies  
202 Beyer Hall  
Iowa State University  
Ames, Iowa 50011



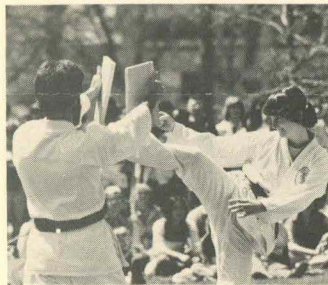


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# physical education

college of education



Physical education is the study of human movement—its meaning and value, the processes involved in the acquisition of skill, the effect of various environmental influences, and the biological results of movement.

Physical education is more than exercise. . . more than fitness. . . more than recreation or play. It is an important discipline designed to help individuals understand human movement, to develop their movement potential, and to experience the health and fitness benefits gained from vigorous physical activity.

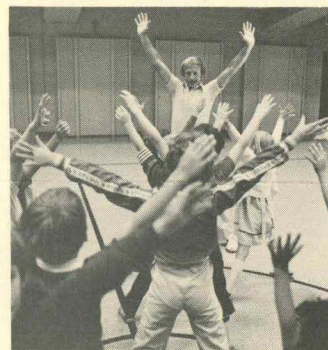
The significance of the field lies in its potential contribution as an outgrowth of knowledge that: a) seeks to explain and describe movement as both a biomechanical and a socio-cultural phenomenon; b) provides understanding of sports, dance, and exercise as forms that utilize movement important in everyday life; and c) involves experiencing movement forms through personal, social, and aesthetic modes and meanings.

Today's physical educators are dedicated to helping students

develop applicable knowledge and skills that can be utilized throughout life in leisure activity and in maintaining personal fitness.

Prospective teachers of physical education should enjoy physical activity and be skilled performers. Qualities of enthusiasm, responsibility, energy, patience, and understanding are important. If you plan to teach, you should also enjoy working with people and have a sincere concern for the development of young people.

## career opportunities



A diversity of career opportunities are available to the student graduating with a major in Physical Education.

Besides serving children and young people in public schools, graduates of physical education programs may have the opportunity to work as sports or physical fitness specialists in community or industrial recreation programs, camping programs, service agencies such as the YMCA, YWCA, and scouts,

or commercial fitness and sports enterprises. Training in dance can lead to employment as a choreographer, dance instructor, performer, or dance specialist.

Iowa State's Physical Education program also provides a good foundation for advanced work in allied fields such as physical therapy, recreational therapy, athletic training, and special education.



## high school preparation

Any experience you may have in sports, in physical education, or in interscholastic athletics will be helpful in developing a background for Iowa State's program. Leadership experience

in recreational programs, scouting, camping, or other outdoor activities is also valuable.

Your high school curriculum should include coursework in

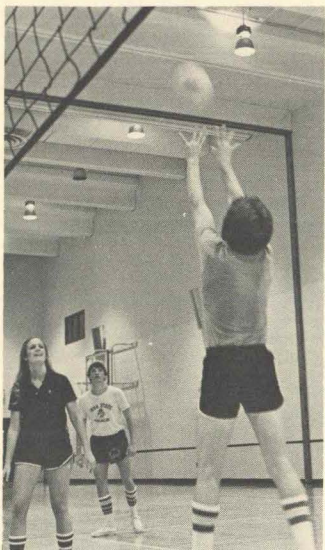
English, science, social studies, and mathematics. A good high school record is also important for your acceptance to Iowa State University.

# Iowa state university

## the program



The human body is the special tool of the physical educator. Therefore, as a student in Physical Education, you will study the biological and physical sciences to develop a scientific understanding of the human body. Studies in the humanities and social sciences will help unfold the importance of human behavior as it relates to physical activity.



The curriculum in Physical Education has three parts: general education, a core in human movement, and professional coursework. General education courses emphasize intellectual growth and personal development rather than vocational preparation. Students in the College of Education, however, do integrate this aspect of the program with professional training.

Courses in the Physical Education core deal with the broad spectrum of knowledge associated with human movement. They center on phenomena associated with the biological, psychological, and social aspects of human movement including study in motor learning, history and philosophy, biomechanics, exercise physiology, and the social-psychological aspects of movement.

In addition to the general education and basic physical education requirements, you will pursue studies in one of three professional options:

### Certification Option

The Certification Option provides a program of studies for students who wish to become certified to teach physical education in public or private schools. Students may prepare to teach in secondary schools (grades 7-12) or in both elementary and secondary schools (grades K-12). During the freshman and sophomore years, emphasis is placed on developing personal performance skills in aquatics, dance, and team and individual sports. Emphasis in the junior and senior years is on professional classes in physical education including the teaching-learning process, evaluation, administration, and curriculum development. Education courses stress concepts, methods, and techniques vital to successful teaching. Student teaching is scheduled in the senior year, and students are placed in school systems in communities throughout Iowa as they are given the opportunity to put into practice what has been learned. Specialization opportunities are also available in the areas of athletic training, coaching, dance, and health.

### General Option

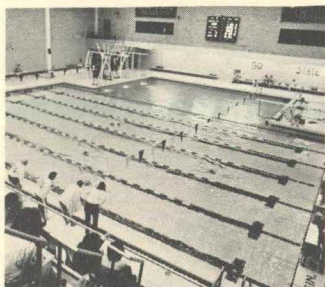
This non-certification option is designed to provide an interdisciplinary approach to human movement. It prepares students to achieve personal career goals through individualized specialties. A few of the possibilities include: sports merchandising and equipment marketing, sports management and administration, commercial health and fitness, and sports communications.

### Dance Option

The Dance Option provides opportunities for students to develop dance talents and to gain a comprehensive view of dance as both a physical skill and a creative art form. Choreography and work in theater and dance production are integral parts of the program. Upon graduation, those in the Dance Option are qualified to accept positions in community and professional theater, private dance studios, and recreational centers.



## faculty and facilities



The primary goal of Iowa State's Department of Physical Education and Leisure Studies is to foster and develop an understanding and appreciation of physical activity as a means of attaining and enjoying a happier, healthier life. It is accomplished through the expertise of a 58-member faculty, a strong curriculum, and outstanding facilities.

Iowa State's outdoor facilities include 29 tennis courts, a championship golf course, baseball and softball diamonds, soccer-speedball-hockey and football fields, outdoor tracks, and several golf teaching areas.

Indoor facilities are equally excellent. Together, Beyer Hall and State Gym have 2 swimming pools, 2 indoor tracks, handball and squash courts, wrestling and weight training rooms, a gymnastic area, and gymnasium space for basketball, badminton, and volleyball.

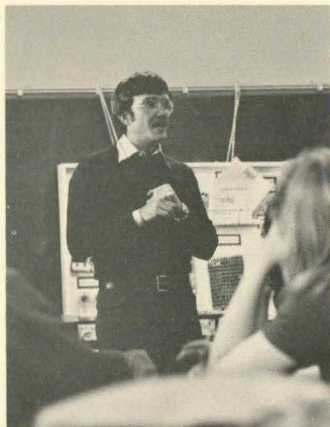
In addition, the Physical Education Building houses four gymnasia—individually equipped for gymnastics, elementary physical education, or general sports. These are supplemented by two activity rooms available for fencing,

fitness, or folk or square dancing. Physical education laboratories are designed for the study of motor performance, exercise physiology, and biomechanics. Two dance studios, one with a large performance area and spectator balcony, illustrate the Department's recognition of physical education's own creative art form—dance. Classrooms, audio-visual rooms, student reading rooms, a modern locker room complex, and a swimming pool are also located within the building.

## more information

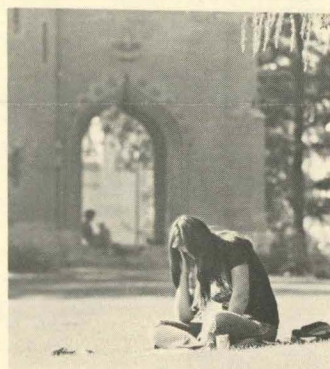
For further information concerning the curriculum and career opportunities, you are welcome to visit campus or write to:

Department of Physical Education and Leisure Studies  
203 Physical Education Building  
Iowa State University  
Ames, Iowa 50011



# secondary education

college of education



You may be interested in teaching for several reasons, but foremost among them should be enthusiasm for a certain subject and desire to make learning a positive and rewarding experience.

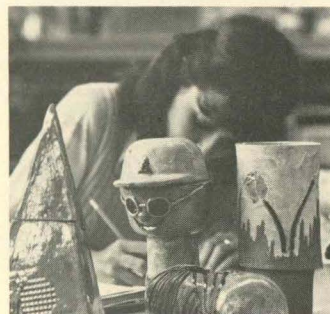
The field of education offers stimulating job opportunities in teaching, counseling, consulting, and administration. It is an attractive career choice for young men and women who

are interested in sharing knowledge and who are willing to give of their time and energy to help students learn and develop. Qualities of enthusiasm, creativity, self-confidence, and patience, as well as communication skills, are essential.

Even though teachers usually work a nine-month year, hours can be long and emotionally draining. In addition to class

preparation, teaching, and grading, teachers are often called upon to serve as class sponsors, club sponsors, and to chaperone school-related activities. Still, the teaching profession offers what few others can—the on going satisfaction of applying your knowledge, talent, and skills to help young people develop to their maximum potential.

## subject areas



At Iowa State, you enroll in the department which offers the major subject you plan to teach, and then take appropriate certification coursework to teach grades 7-12 in Iowa public and private schools. Areas of certification are as follows:

Agricultural Education  
Art Education  
Biology

Chemistry  
Coaching Inter-scholastic Athletics  
Earth Science  
English and Reading  
Foreign Language  
General Sciences  
Health Education  
Home Economics Education  
Industrial Education  
Journalism and  
Mass Communication

Mathematics  
Music  
Physical Education  
Physical Sciences  
Physics  
Psychology  
Safety and Driver Education  
Social Studies  
Special Education  
Speech

## career opportunities



Since 1977, the demand for secondary teachers has steadily increased. In fact, there are currently teacher shortages in vocational agriculture, industrial art, mathematics, home economics, special education, English, and the physical sciences.

Iowa State's teacher education program is approved by the National Council for Accreditation of Teacher Education. Therefore, graduates can obtain certification in most

other states with relative ease. For graduates who are qualified to teach more than one subject area or have earned a coaching endorsement, the employment outlook is quite favorable.

Through career experience and appropriate advanced education, you may advance in the teaching ranks to employment in educational administration, guidance counseling, educational research, or teaching and research in higher education, in

adult and continuing education, or in curriculum and instructional media.

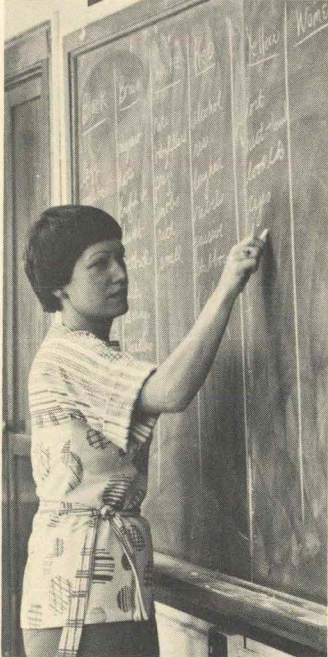
In addition to teaching careers, some graduates have found that their communication skills, management skills, and ability to learn quickly have led to attractive employment in business and government—particularly in entry-level management, personnel, sales, and public relations.

## high school preparation

No matter which subjects you plan to teach, a breadth of education is essential in the teaching profession. Therefore, your high school curriculum should include English composition, speech

communication, mathematics, humanities, and the natural and social sciences. Involvement in extra-curricular activities is also beneficial for the development of leadership and interpersonal skills.

## the program



During your freshman year, you will take general education courses in the physical, biological, and social sciences, humanities, and communications, as well as introductory coursework in your major. Then, as a sophomore, you should apply to the teacher education program in your major. Some of the factors which will be considered in evaluating your application include interest in teaching, character, physical health, and scholarship. A minimum 2.3/4.0 grade-point average is required for full admission to teacher education and this minimum must be maintained until graduation.

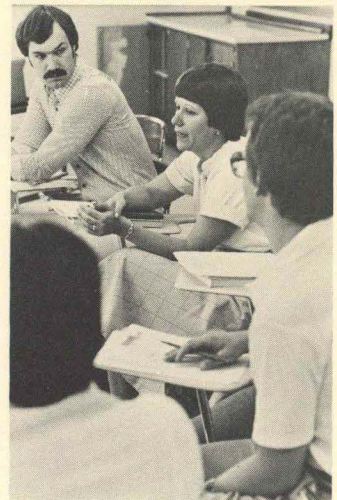
Practical teaching experience is an important feature of Iowa State's Secondary Education program. During your sophomore or junior year, you have the option of earning academic credit by participating in the Teacher Aide program in the Ames area. Through this program you gain first-hand exposure to the teaching profession, enabling you to

determine early in your college education if teaching is the career for you. Tutoring in the area is also possible.

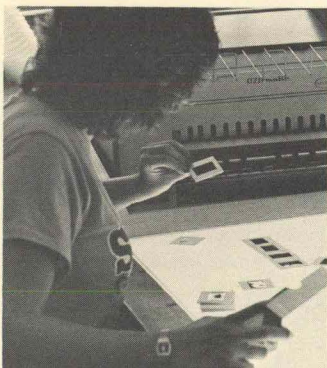
Besides general education courses, you will need to complete requirements in your major. In addition, you will take a teaching methods course in each area you plan to teach. All of the teaching methods courses offered on campus make extensive use of videotaping so that you have the opportunity to analyze your teaching presentations.

Within the Department of Secondary Education, you will complete a professional education sequence which includes: foundations of American education, instructional media, educational psychology, multi-cultural awareness and nonsexism in schools, and principles of secondary education. Your studies will culminate in a supervised student teaching experience in an Iowa high school during your senior year. If

you plan to teach in the inner city, you may spend part of your student teaching experience in a Kansas City school through the Cooperative Urban Teacher Education program. Student teaching abroad is also possible. However, to student teach outside of Iowa and still complete your studies within four years will require careful planning beginning with your freshman year.



## faculty and facilities



The Secondary Education faculty consists of over 50 professors, most of whom are on joint appointment with departments in their major subject areas. All have had extensive teaching experience on the secondary level, further increasing their qualifications. Several are currently involved in consulting and evaluating activities in secondary schools and many are actively engaged in research designed to better our understanding of secondary education.

The Instructional Resources Center, a centralized multi-media facility, is the focal point of the Secondary Education program. The IRC, located in the newly remodeled Quadrangle, features a curriculum laboratory containing over 10,000 publications for lesson plan and curriculum development; four micro-teaching studios; a production laboratory for creating teaching tools such as slides, dry mounts, and dittos; and an equipment laboratory

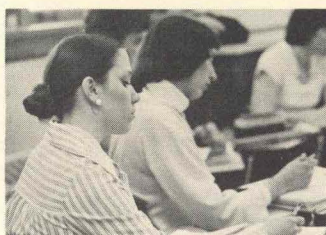
containing micro-computers, as well as video, photography, and other types of equipment utilized in class preparation and instruction.

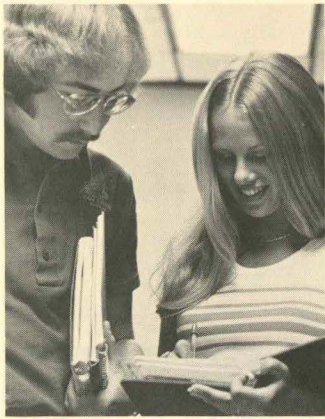


## more information

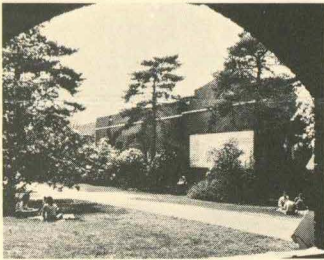
If you have any questions about Secondary Education at Iowa State, be sure to write to:

Department of Secondary Education  
N157 Quadrangle  
Iowa State University  
Ames, Iowa 50011





# college of education



The College of Education strives to help students maximize their own growth and development and prepare for education-related occupations. While the formal organization of the college is relatively new, its antecedents go back over a hundred years. Teacher education has always been an

important part of the University and today, nearly one out of every six undergraduates is recommended for teacher certification.

At the undergraduate level, the College of Education includes students enrolled in the departments of Elementary

Education, Industrial Education, and Physical Education and Leisure Studies. Students preparing to teach in the secondary schools are enrolled in the department and college of their academic specialty, and take their professional work from the College of Education.

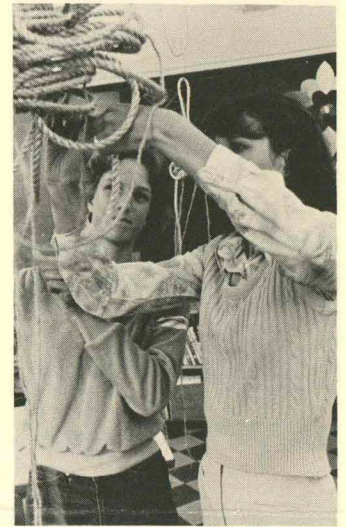
## career opportunities



Numbered among our graduates over the years are college presidents, vice-presidents, provosts, deans, research directors, college and university professors, curriculum directors, guidance counselors, school superintendents, principals, and teachers in teaching institutions in this country and abroad, from California to Florida, from Australia to Africa and India. These institutions encompass elementary schools, secondary schools, community colleges, four-year colleges, and public and private universities. Each year approximately 82% of our graduates in education go directly into teaching in Iowa public school systems.

The current job market in education remains stable, especially for those who are willing to teach anywhere in the country. Iowa State's teacher education program is accredited by the National Council for Accreditation of Teacher Education and graduates may obtain certification throughout the country.

Some graduates of the teacher education program seek and obtain successful employment in a variety of other careers. Most commonly, graduates who have chosen alternative career directions have secured personnel, public relations, or entry-level management positions with business, industry, or government.



## high school preparation

Your high school preparation should include at least three years of English/speech with emphases on composition and communication skills. A strong general background in mathematics, natural sciences,

social sciences, and humanities is also recommended.

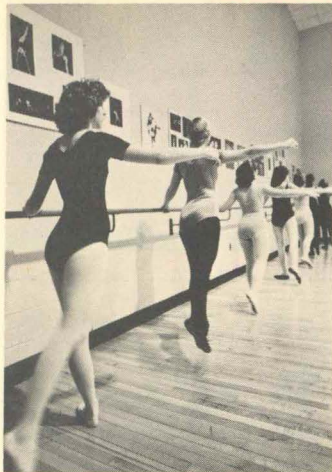
### Scholarships

The College of Education offers many scholarships to incoming freshmen which are awarded on

the basis of aptitude for success in teaching or service, character, scholastic ability, and financial need. Scholarship applications and deadline information are available by writing the College of Education, E262 Quadrangle.

# Iowa state university

## extra-curricular activities



### Honoraries in Education

**Epsilon Pi Tau** members are selected from the upper one-fourth of the juniors, seniors, and graduate students in Industrial Education. The group strives to promote skill, social and professional efficiency, and research.

**Kappa Delta Pi** is open to third-quarter sophomores, juniors, or seniors with a 3.25 grade point who are going to teach grades K-12.

**Phi Delta Kappa** is an honorary society for men and women in education.

### Councils and Clubs

**The Council for Exceptional Children** includes faculty members and students who are interested and concerned with the education and welfare of exceptional children. The council's monthly meetings and publications offer its members the opportunity to learn more about educational work with the

handicapped and gifted. Special opportunities to attend conventions and conferences on exceptionality are available.

**The Industrial Education Club** promotes increased understanding of industrial education and fellowship among its members. The club sponsors a VEISHEA display and field trips, and maintains contact with education and industry. Membership is open to all Industrial Education majors.

**Kappa Lambda** is open to undergraduates with an Elementary Education major or an interest in children.

**The Leisure Services Association** offers members a chance to become closely affiliated with professional personnel on the local, state, and national level, and offers practical experience in the leisure services field.

**The Physical Education Majors Club** is available to anyone studying any of the many facets of physical education. The Club acts as a liaison between the students and the Department, providing opportunities and experiences for professional development through such activities as: sharing ideas and aspirations; self-improvement workshops; service to the department, college, and University; and educational conferences and meetings.

**The Education Council** serves as a unifying agency among the departmental clubs of the College of Education and acts as a means of contact between the Dean of Education and the students. Club representatives from Elementary Education, Industrial Education, and Physical Education form the council, which regularly meets with the College of Education administration to consider appropriate projects and concerns.

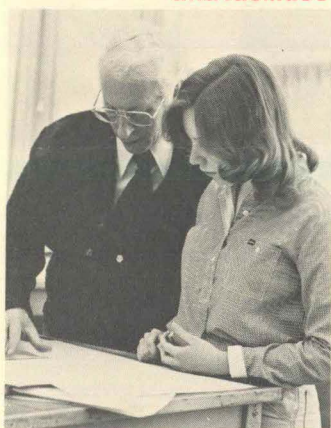
## placement

The Education Placement Office offers assistance to students with their career-related concerns. The Office contains a library, vacancy listings, directories, certification requirements in other states, job

service microfiches, and other information helpful in locating employment. During the student's senior year, a credential file is established which contains recommendations and other important information necessary

for interviewing for teaching and other education-related positions. Some interviews are conducted on campus. In addition, vacancy notices are mailed to registrants to assist them in obtaining positions.

## faculty and facilities



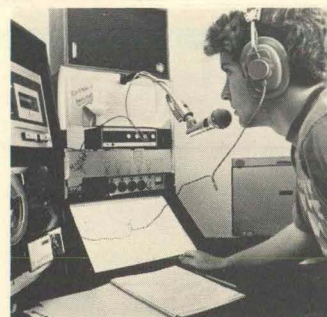
The College of Education has an outstanding faculty that combines academic competency in its members' areas of specialty with elementary or secondary school teaching experience.

The College is headquartered in the Quadrangle, a facility which has recently undergone extensive renovation. The Quadrangle features excellent demonstration and multi-faceted classroom spaces which provide an optimum learning environment. The College maintains a Learning Strategies

Classroom, specifically designed for observing the teaching of children with learning disabilities.

All prospective teachers utilize the Instructional Resource Center (IRC), a centralized, 3,000-square-foot, multi-media facility in the College of Education. The IRC features a curriculum laboratory containing over 10,000 publications for lesson plan and curriculum development; four micro-teaching studios; a production laboratory for creating teaching materials; and

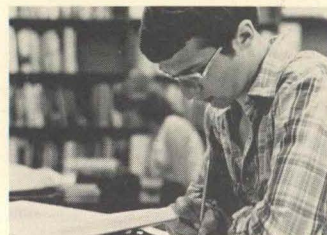
a laboratory which contains micro-computers, as well as video equipment, photography facilities, and other equipment utilized by today's schools.



## more information

For admission information, write to the Director of Admissions, Iowa State University, indicating your area of interest. If you would like to know more about a specific program in the College of Education, or if you have any questions regarding the College, write to:

College of Education  
E262 Quadrangle  
Iowa State University  
Ames, Iowa 50011



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**College of  
Education**



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