

CREIGHTON UNIVERSITY

B U L L E T I N



SCHOOL OF PHARMACY AND ALLIED HEALTH PROFESSIONS

HISTORY
OF
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1990-92

CREDO OF CREIGHTON

Creighton, a Jesuit University, is convinced that the hope of humanity is the ability of men and women to seek the truths and values essential to human life. It aims to lead all its members in discovering and embracing the challenging responsibilities of their intelligence, freedom and value as persons.

We therefore profess, and pledge ourselves to teach in the perspectives of, the following creed:

We believe in God, our loving Creator and Father.

We believe in the intrinsic value of the human being as created in God's image and called to be his child. This includes all persons and excludes any form of racism and other discrimination.

We believe that the deepest purpose of each man and woman is to create, enrich, and share life through love and reverence in the human community. This motivates our open and relentless pursuit of truth. For this reason we foster reverence for life in all its human potential.

We believe that we should support all persons in their free and responsible life-sharing through family and social systems, and through political, scientific, and cultural achievements.

We believe that we must strive for a human community of justice, mutual respect and concern. In this context we must cultivate respect and care for our planet and its resources.

We believe that laws exist for the benefit and well-being of individual persons, that legal systems must express the common good, and that all government must be subject to the courageous, though respectful and loyal, criticism of intelligent and responsible citizens.

We believe that the law of justice and love must regulate the personal, family, economic, political, and international life of all persons if civilization is to endure.

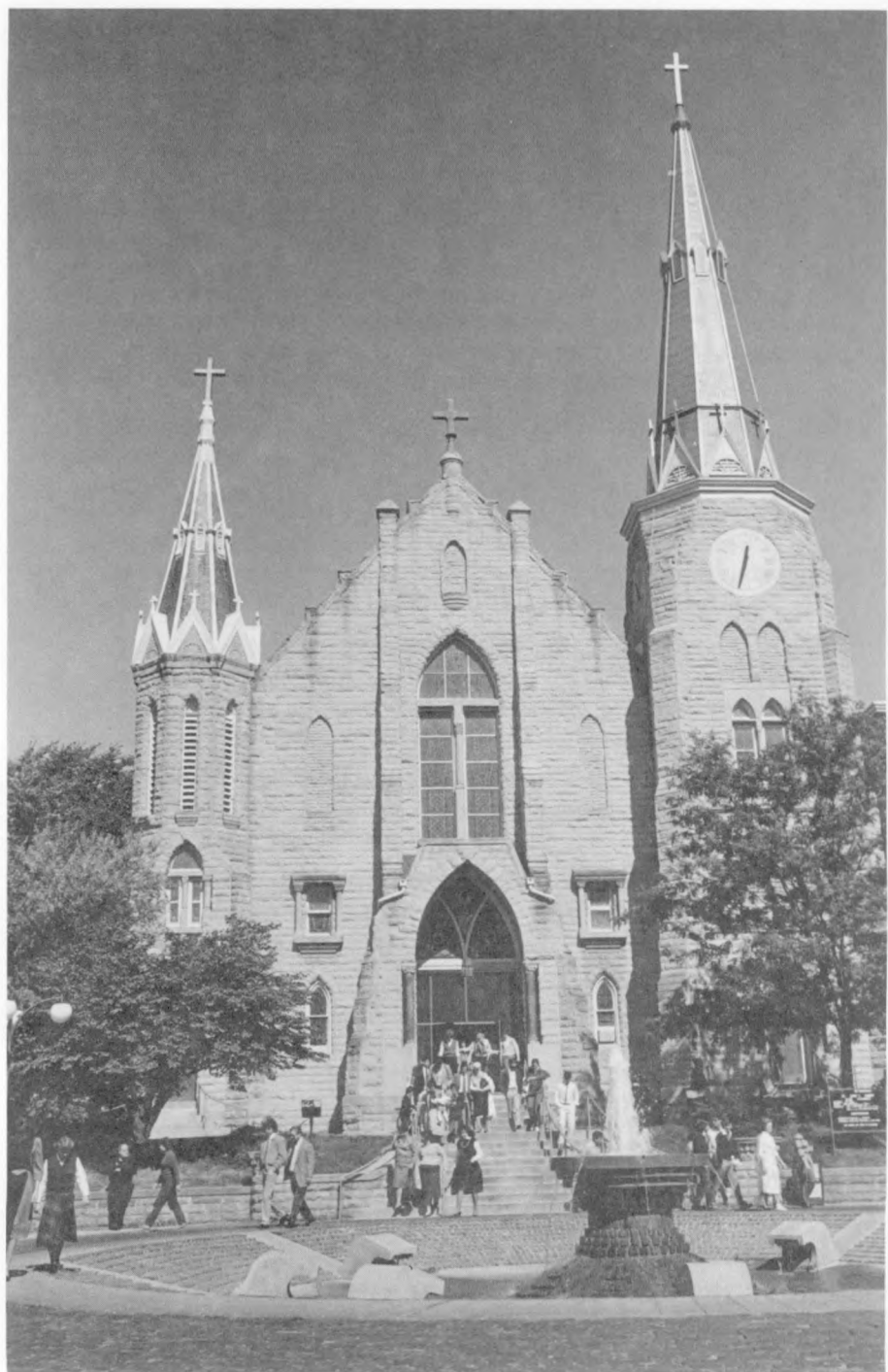
We believe in the teachings and example of Jesus Christ.

CREIGHTON UNIVERSITY BULLETIN

1990-92 ISSUE

*SCHOOL OF PHARMACY
AND
ALLIED HEALTH PROFESSIONS*

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Occupational Therapy students learn to evaluate occupational performance functions basic to daily living skills such as self care, work and leisure.

CALENDAR

FIRST SEMESTER, 1990-91

<i>1990</i>		
<i>August</i>	18, <i>Saturday</i>	Welcome Week begins. Activities for all new students, freshmen and transfers, are announced in a special brochure. 7:30 P.M. Welcome Week Mass. St. John's Church.
	20-21, <i>Mon.-Tue.</i>	8:00-11:30 A.M., 1:00-4:00 P.M. (3:00 P.M. on Tue.). Registration by appointment in the Student Center.
	20, <i>Monday</i>	4:30-6:00 P.M. University College and Graduate School registration in the Student Center.
	21, <i>Tuesday</i>	3:00 P.M. Late registration fee effective for full-time undergraduate students.
	22, <i>Wednesday</i>	Classes begin. Change of schedule fee effective.
	22-24, <i>Wed.-Fri.</i>	8:30-11:45 A.M. and 1:00-4:00 P.M. Class Schedule Changes and Late Registration. Registrar's Office
	27-28, <i>Mon.-Tue.</i>	8:30-11:45 A.M. and 1:00-4:00 P.M. Late Registration. Registrar's Office.
	28, <i>Tuesday</i>	Last day for late registration.
<i>September</i>	3, <i>Monday</i>	Labor Day. Holiday.
	12, <i>Wednesday</i>	11:00 A.M. Mass of the Holy Spirit. St. John's Church.
	20, <i>Thursday</i>	Last day to change from credit to audit. Last day to apply for Pass/No Pass status.
<i>October</i>	1, <i>Monday</i>	Last day for filing applications for degrees to be conferred at the end of the First Semester.
	12-16, <i>Fri.-Tue.</i>	Mid-semester holidays. Classes resume 7:30 A.M., Oct. 17.
	15, <i>Monday</i>	9:00 A.M. Mid-semester grade reports due in Registrar's Office.
	26, <i>Friday</i>	Last day to withdraw from courses with a "W".
<i>November</i>	2-4 <i>Fri.-Sun.</i>	Parents' Weekend.
	20, <i>Tuesday</i>	Thanksgiving recess begins after last class, clinic or laboratory.
	22, <i>Thursday</i>	9:00 A.M. Thanksgiving Day Mass. St. John's Church.
	26, <i>Monday</i>	7:30 A.M. Classes resume.
<i>December</i>	10-15, <i>Mon.-Sat.</i>	Final semester examinations.
	15, <i>Saturday</i>	Last day of required attendance of First Semester. Christmas-Mid-year Recess begins.
	15, <i>Saturday</i>	Commencement

SECOND SEMESTER, 1990-91

<i>1991</i>		
<i>January</i>	14-15, <i>Mon.-Tue.</i>	8:00-11:30 A.M., 1:00-4:00 P.M. (3:00 P.M. on Tue.). Registration by appointment in the Student Center.
	14, <i>Monday</i>	4:30-6:00 P.M. University College and Graduate School registration in the Student Center.

	15, Tuesday	3:00 P.M. Late registration fee effective for full-time undergraduate students.
	16, Wednesday	Classes begin. Change of schedule fee effective.
	16-18, Wed.-Fri.	8:30-11:45 A.M. and 1:00-4:00 P.M. Class Schedule Changes and Late Registration. Registrar's Office.
	21-22, Mon.-Tue.	8:30-11:45 A.M. and 1:00-4:00 P.M. Late Registration. Registrar's Office.
	22, Tuesday	Last day for late registration.
February	4, Monday	Mass for Founders' Week: Past, Present and Future. St. John's Church.
	14, Thursday	Last day to change from credit to audit. Last day to apply for Pass/No Pass status.
	15, Friday	Last day for filing applications for degrees to be conferred at end of Second Semester.
March	9, Saturday	Spring recess begins after last class, clinic or laboratory.
	11, Monday	9:00 A.M. Mid-semester grade reports due in the Registrar's Office.
	18, Monday	7:30 A.M. Classes resume.
	25, Monday	Last day to withdraw from courses with a "W".
	28, Thursday	Holy Thursday — classes suspended from 5:00 P.M. to 7:30 A.M. Tuesday, April 2.
	31, Sunday	Easter Sunday.
April	1, Monday	Easter Monday. Holiday—no classes.
May	6, Monday	Final semester examinations begin.
	11, Saturday	Final semester examinations end. Last day of required attendance of Second Semester except for candidates for degrees.
	17, Friday	3:00 P.M. Baccalaureate Mass. St. John's Church.
	18, Saturday	University Commencement.

SUMMER SESSION, 1991

May	20, Monday	On-campus registration for Pre-session: 8:00-10:00 A.M. Registrar's Office. Classes begin 10:00 A.M.
	21, Tuesday	Last day for Pre-Session registration and course changes.
	24, Friday	Last day to change from credit to audit or apply for pass/no pass status for Pre-Session.
	27, Monday	Memorial Day. — No classes.
	31, Friday	Last day to withdraw from Pre-Session with "W".
June	7, Friday	Pre-session final examinations; Pre-session ends.
	10, Monday	On-campus registration for Term 1. 8:30-11:30 A.M. and 1:00-3:00 P.M., Registrar's Office. 4:00-5:30 P.M., Registrar's Office for evening students only. Term 1 classes begin at 6:00 P.M.
	13, Thursday	Last day for late registration and course changes for Term 1.

	17, Monday	Last day for filing applications for degrees to be conferred at end of Summer Session. Last day to change from credit to audit or to apply for pass/no pass status for Term 1.
July	1, Monday	Last day to withdraw from Term 1 with a "W".
	4, Thursday	Independence Day — no classes.
	12, Friday	Final examinations; Term 1 ends.
	15, Monday	Registration for Term 2. 9:00-11:00 A.M. and 1:00-3:00 P.M., Registrar's Office. Term 2 classes begin at 7:30 A.M.
	16, Tuesday	9:00 A.M. Term 1 final grade reports due in Registrar's Office from instructors.
	18, Thursday	Last day for late registration and course changes for Term 2.
	22, Monday	Last day to change from credit to audit or to apply for pass/no pass status for Term 2.
August	5, Monday	Last day to withdraw from Term 2 with "W".
	15, Thursday	Final examinations; Term 2 ends.
	19, Monday	9:00 A.M. Term 2 final grade reports due in Registrar's Office from instructors.

FIRST SEMESTER, 1991-92

1991 August	17, Saturday	Welcome Week begins. Activities for all new students, freshmen and transfers, are announced in a special brochure. 7:30 p.m. Welcome Week Mass. St. John's Church.	
	19-20, Mon.-Tue.	8:00-11:30 A.M., 1:00-4:00 P.M. (3:00 P.M. on Tue.) Registration by appointment in the Student Center.	
	19, Monday	4:30-6:00 P.M. University College and Graduate School Registration in the Student Center.	
	20, Tuesday	3:00 P.M. Late registration fee effective for full-time undergraduate students.	
	21, Wednesday	Classes begin. Change of schedule fee effective.	
	21-23, Wed.-Fri.	8:30-11:45 A.M. and 1:00-4:00 P.M. Class Schedule Changes and Late Registration. Registrar's Office.	
	26-27, Mon.-Tue.	8:30-11:45 A.M. and 1:00-4:00 P.M. Late Registration. Registrar's Office.	
	27, Tuesday	Last day for Late Registration.	
	September	2, Monday	Labor Day. Holiday.
		11, Wednesday	11:00 A.M. Mass of the Holy Spirit. St. John's Church.
	19, Thursday	Last day to change from credit to audit. Last day to apply for Pass/No Pass status.	
October	1, Tuesday	Last day for filing applications for degrees to be conferred at the end of the First Semester.	
	11-15, Fri.-Tue.	Mid-semester holidays. Classes resume 7:30 A.M., Oct. 16.	
	14, Monday	9:00 A.M. Mid-semester grade reports due in Registrar's Office.	
November	1-3, Fri.-Sun	Parents' Weekend.	

	26, <i>Tuesday</i>	Thanksgiving recess begins after last class, clinic or laboratory.
	28, <i>Thursday</i>	9:00 A.M. Thanksgiving Day Mass. St. John's Church.
<i>December</i>	2, <i>Monday</i>	Classes resume.
	9-14, <i>Mon.-Sat.</i>	Final semester examinations.
	14, <i>Saturday</i>	Last day of required attendance of First Semester. Christmas-Mid-Year Recess begins.
	14, <i>Saturday</i>	Commencement

SECOND SEMESTER, 1991-92

<i>1992</i>		
<i>January</i>	6-7, <i>Mon.-Tue.</i>	8:00-11:30 A.M., 1:00-4:00 P.M. (3:00 P.M. on Tuesday). Registration by appointment in the Student Center.
	6, <i>Monday</i>	4:30-6:00 P.M. University College and Graduate School registration in the Student Center.
	7, <i>Tuesday</i>	4:00 P.M. Late registration fee effective for full-time undergraduate students.
	8, <i>Wednesday</i>	Classes begin. Change of schedule fee effective.
	8-10, <i>Wed.-Fri.</i>	8:30-11:45 A.M. and 1:00-4:00 P.M. Late registration and class schedule changes. Registrar's Office.
	13-14, <i>Mon.-Tue.</i>	8:30-11:45 A.M. and 1:00-4:00 P.M. Late registration. Registrar's Office.
	14, <i>Tuesday</i>	Last day for late registration.
<i>February</i>	3, <i>Monday</i>	Mass for Founders' Week: Past, Present, Future. St. John's Church.
	6, <i>Thursday</i>	Last day to change from credit to audit. Last day to apply for Pass/No Pass status.
	14, <i>Friday</i>	Last day for filing applications for degrees to be conferred at end of Second Semester.
	29, <i>Saturday</i>	Spring recess begins after last class, clinic or laboratory.
<i>March</i>	2, <i>Monday</i>	9:00 A.M. Mid-semester grade reports due in the Registrar's Office.
	9, <i>Monday</i>	7:30 A.M. Classes resume.
<i>April</i>	16, <i>Thursday</i>	Holy Thursday — classes suspended from 5:00 P.M. to 7:30 A.M., Tuesday, April 21.
	19, <i>Sunday</i>	Easter Sunday.
	20, <i>Monday</i>	Easter Monday—no classes.
	27, <i>Monday</i>	Final semester examinations begin.
<i>May</i>	2, <i>Saturday</i>	Final semester examinations end. Last day of required attendance of Second Semester except for candidates for degrees.
	8, <i>Friday</i>	3:00 p.m. Baccalaureate Mass. St. John's Church.
	9, <i>Saturday</i>	University Commencement.

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SCHOOL OF PHARMACY AND ALLIED HEALTH PROFESSIONS

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Executive Committee

Committee on Admissions

Committee on Continuing Education

Committee on Curriculum

Committee on Grade Appeals

Committee on Scholarships and Awards

Committee on Scholastic Standing

Committee on Strategic Planning

GENERAL INFORMATION

Creighton University is by far the most diverse educational institution of its size in the nation. The combination of relatively small size and unusual diversity is the key to appreciation of Creighton University's excellence.

With an enrollment of 6,068 persons taught by a faculty of 1,221, Creighton has set as its goal the conduct of higher education in the context of Christian values.

Founded in 1878, Creighton is co-educational, independent, and has always been operated by the Jesuits in the traditions of that Catholic religious order. Creighton has a faculty and student body made up of individuals of many races and faiths from every geographical region of the United States and from numerous foreign nations.

Creighton is a university in the true sense. In addition to the School of Pharmacy and Allied Health Professions, Creighton includes the College of Arts and Sciences, College of Business Administration, University College, Schools of Dentistry, Medicine, Law, and Nursing, and a Graduate School offering Master's and Doctor's degrees. Creighton has been active in the establishment of continuing education programs and of a Summer Session of modern design for the contemporary educational consumer. The University College offers undergraduate degree and certificate programs for part-time students and specializes in noncredit offerings for adults.

Thirty-five per cent of the University's students are enrolled in the College of Arts and Sciences, 23 per cent in the health sciences professions, 14 per cent in Business Administration, 10 per cent in University College, 9 per cent in law, and 9 per cent in the Graduate School.

LOCATION

Creighton's campus is located on the northwest edge of downtown Omaha, Nebraska. The University's planned campus of more than 28 square blocks is near, yet apart from, the city's urban center.

Omaha is a city of 353,170 that serves as a regional center. The city is the major urban area between Chicago and Denver and between Kansas City and Minneapolis. The center of a metropolitan area of 621,600 persons, Omaha has rolling hills and tree-lined streets.

Food processing and international marketing is Omaha's leading industry, with 50 percent of the city's payroll in food-related businesses. Yet, there is ample evidence that the community has a broad industrial base, with insurance, railroads, telecommunications, and creative enterprises contributing to diversification. In addition, Omaha is a major health-care center with 17 hospitals, the largest pediatric hospital between Denver and Chicago, and two university-based medical and research centers.

Omaha's civic pride is evidenced in the excellence of its cultural institutions. An outstanding art museum, a quality performing arts center, the Omaha Community Playhouse, and Civic Auditorium serve as homes for outstanding exhibitions and performances; the Omaha Symphony Orchestra, the Omaha Ballet Company, and the Omaha Opera Company provide a full season of local productions.

Omaha's setting as a regional center may account for the superiority and diversity of restaurants and dinner theaters; the community's proximity to agriculture may account for the relatively inexpensive cost of living.

Omaha is the site of a vital downtown area. Omaha's Missouri Riverfront will undergo a massive redevelopment supported by private and public funds. ConAgra, Inc., a multi-billion dollar food processor, is building its headquarters operation, complete with a research facility, on the riverfront. The City of Omaha is extending its downtown Central Park Mall to the riverfront. New development also includes a consolidated operations center for Union Pacific Railroad and a major computer center for US WEST Communications.

Omaha is served by regularly scheduled flights by eight major airlines plus three commuter airlines and by five first-class railroads including Amtrak. Two interstate highway systems serve the metropolitan area — I-80 going east and west and I-29 north and south.

HISTORY

John and Edward Creighton, builders of the transcontinental telegraph that linked pioneer America, have given their name to the University.

Edward's widow, Mary Lucretia Creighton, carrying out her husband's wishes, left money and directions for establishing a college in his memory. Following her death on January 23, 1876, the present University site was purchased and the first Bishop of Omaha, the Right Reverend James O'Connor, D.D., invited the Jesuits to conduct the Creighton College.

One priest, three scholastics, a layman and a woman formed the faculty when classes began September 2, 1878. On August 14, 1879, Bishop O'Connor surrendered his trust to a new corporation, "The Creighton University".

Jesuits were exclusive managers of the corporation until, in October 1968, the Board of Directors was expanded to include laypersons. Today nineteen laypersons and ten Jesuits conduct the corporate affairs of Creighton University.

The early growth of Creighton University and the enlargement of its endowment were due mainly to the benefactions of John A. Creighton and his wife, Sara Emily Creighton.

The Creighton University School of Pharmacy, formerly the Omaha College of Pharmacy, became a part of the University September 1, 1905. In 1976, the school initiated the program leading to the degree of Doctor of Pharmacy (Pharm.D.). Originally designed and conducted as a three-semester program to be completed in one calendar year, the program was expanded to five semesters in August 1979. In 1982, the Creighton University School of Pharmacy became the Creighton University School of Pharmacy and Allied Health Professions. A program in Occupational Therapy was added in August of 1985.

NONDISCRIMINATION POLICY

Creighton admits qualified students and hires qualified employees without regard to race, color, national or ethnic origin, handicap, sex, or religion. Its education and employment policies, scholarship and loan programs, and other programs and activities, are administered without any such discrimination. The University is taking affirmative action to employ and advance in employment qualified disabled veterans and veterans of the Vietnam-era. The University Affirmative Action Director has been delegated the responsibility for coordination of the University's equal rights efforts.

It is also the policy of the University to make all programs and services available to all handicapped individuals. To obtain information on accessibility of buildings and programs or to report problems of accessibility, please contact the Office of the Director of Affirmative Action, Room 232A, Administration Building or by telephone (402) 280-3084.

ACCREDITATION

Creighton University is fully accredited by the North Central Association of Colleges and Schools, the accrediting agency for the region in which the University is situated.

The professional Colleges and Schools are accredited by their respective professional standardizing agencies.

The School of Pharmacy, accredited by the American Counsel on Pharmaceutical Education, is a member of the American Association of Colleges of Pharmacy.

The program in Occupational Therapy is accredited by the American Occupational Therapy Association.

MISSION STATEMENT

The Creighton University School of Pharmacy and Allied Health Professions prepares men and women in their professional disciplines with an emphasis on moral values and service in order to develop competent graduates who demonstrate concern for human health. This mission is fulfilled by providing comprehensive professional instruction, engaging in basic science and clinical research, participating in community and professional service, and fostering a learning environment enhanced by faculty who encourage self-determination, self-respect, and compassion in students. The school believes that the maximum contribution of its graduates to social betterment is dependent on a sound scientific knowledge base, well-developed clinical expertise, critical thinking capabilities, moral reasoning, and communication skills. The school strives to instill these qualities in its students.

GOALS AND OBJECTIVES

Creighton University exists to educate its students with a view to their intellectual expansion, social adequacy, physical development, aesthetic appreciation, and spiritual enrichment. Creighton serves her publics primarily through teaching and research. Employing the techniques of teaching and research offers numerous other opportunities to provide services and leadership.

Creighton is one of the nation's 28 independent Jesuit institutions of higher learning. It has behind it a pattern of more than four centuries of Jesuit teaching. The Order's focus has always been upon the total person, an approach that includes development of each student's talents to assure that he or she can meet both material and spiritual needs. Creighton is the only one of the 28 Jesuit institutions having a School of Pharmacy.

Members of every denomination are enrolled in and welcome to all courses in the University. While Creighton fosters learning in a Christian-oriented setting and challenges students to reflect on transcendental truths, students are not required to participate in religious services or activities.

All educational programs of Creighton University are open to both men and women.

The School of Pharmacy and Allied Health Professions aims to give its students a broad education in preclinical and clinical disciplines that will serve as a basis for meeting the present and future demands of the professions of pharmacy and occupational therapy. The curriculums are intended to meet the professional, moral, economic, and social responsibilities of the profession, and, at the same time, provide the background to stimulate interest in graduate studies and continuing education.

The curriculums leading to the Bachelor of Science in Pharmacy (B.S.Pha.) and Bachelor of Occupational Therapy (B.S.O.T) degrees are intended to prepare students intelligently and creditably to assume the duties associated with any one of the many different roles within each profession.

The graduate of the Doctor of Pharmacy program at Creighton University will represent the highest level of professional practice that the educational resources of the University are capable of providing. He/she must also possess all technical, professional, moral and ethical capabilities prescribed for the baccalaureate pharmacist by the American Council on Pharmaceutical Education to meet the needs of society.

When elective subjects are chosen in the proper fields, students may continue their study in graduate schools. Those students who desire to take up graduate work, and who have an aptitude for the same, are encouraged by the faculty to do so. With graduate preparation, positions are available in industry and as teachers in schools of pharmacy and allied health professions.

CAMPUS FACILITIES

Creighton's 40-building campus provides excellent facilities for most of the University's academic and extracurricular activities. Following two decades of phenomenal expansion and growth, emphasis now is placed on beautification of the central campus, particularly a pedestrian mall to add green space to the heart of the undergraduate living area. Several phases of the mall project have been completed. They provide an appealing, landscaped pedestrian and relaxation area in front of the Administration Building and St. John's Church and across the East Campus to the School of Law.

The University campus is about a fifteen-minute walk from the business district of Omaha. The principal portion extends from Cass Street on the south to Burt Street on the north and from Twenty-first Street on the east to Thirtieth Street on the west. (See campus map inside back cover.)

The Carl M. Reinert Alumni Memorial Library, the University's main library, has recently undergone a construction project that has doubled the size of the building. The W. Theisen Instructional Technology Center is located on the lower level of the building. A new student center was constructed on mid-campus in 1987. New artificial-turf athletic fields and extension of the campus mall to the east were done in 1988.

The Creighton University School of Pharmacy and Allied Health Professions is located in the Health Sciences Center and is also a part of Creighton's general university campus. Being in a Health Sciences Center gives Pharmacy and Allied Health Professions students access to a modern hospital and makes it possible for them to enjoy a close working relationship with the Schools of Medicine, Nursing, and Dentistry. A clinical team approach to health care is more than a concept at Creighton; it is a working reality. The general university campus gives the pharmacy students access to elective courses in business, sciences, humanities, and the arts, as well as a wide range of extracurricular

activities. The Creighton University School of Pharmacy and Allied Health Professions is proud to be able to offer the best of both of these worlds to its students.

LIVING ACCOMMODATIONS

Creighton University offers on-campus housing for full-time students (both men and women). Because of its recognition of the numerous benefits associated with living on campus, Creighton requires that all freshman and sophomore students reside on campus (with the exception of Omaha students who wish to live at home with their parents.)

The accommodations of the University residence halls are available under a combined room and board contract plan, which provides for twelve or nineteen meals (cafeteria style) per week, according to the plans outlined below. Students who live in The Palms or The Towers or who live off campus may also purchase a Flex Plan. This plan consists of a fixed number of meals which can be used in the cafeterias plus retail credit that can be used in any food operation on campus whether it be a retail or dining hall facility.

All students may participate in a board plan whether or not they live in University residence halls.

Meals are served in dining areas located adjacent to the campus residence halls. Carefully planned menus assure a well-balanced variety of nutritious and appetizing foods.

All students living in University residence halls (except Palms and Towers) must select a board plan. The double room and board rates **per semester** effective August 1990 are:

Board Plans per Semester:

Plan A: 19 meals per week (over a seven-day period)	\$ 808.00
Plan B: 12 meals per week	\$ 759.00
(any 12 meals over a seven-day period)	
Flex Plan	\$ 375.00
(Flex Plan available to Palms, Towers, and off-campus students only)	

Room Rate per Semester per Person, two students in a room:

Campus	\$ 966.00
Palms	\$ 1,031.00 (small apt.) \$ 1,080.00 (large apt.)
Towers	\$ 1,097.00 (small apt.) \$ 1,134.00 (large apt.)
Towers 12 month lease	\$375.00 mo. (small apt.) \$395 mo. (large apt.)

The cost of double room and board for an academic year (two semesters) would be twice the amounts shown above. Bed linen, laundry service, and pillows are not included.

Incoming students must apply to the Housing Office for a residence hall reservation. All students pay a one-time deposit of \$50.00. Students applying for The Towers are required to pay a deposit of \$125.00 for the academic year contract (9 months) or a deposit equal to one month's rent for the Towers Lease Plan.

Tuition, fees and room and board charges are payable at the time of registration for a semester. However, arrangements may be made to pay monthly installments by using the University's Monthly Electronic Transfer (MET) plan (see page 53).

Room and board rates are subject to change without notice.

Family Housing

Creighton University has limited space in the high-rise apartment-style Towers residence hall for married students. Married students may contract for one- or two-bedroom unfurnished apartments. This contract runs for 12 months. The rates for these apartments are as follows: one-bedroom, \$395.00 per month; two-bedroom, \$450.00 per month. All utilities are paid. Family housing is available on a first come first served basis.

Other Housing

The Housing Office, 101 Swanson Hall, posts information on rentals in the area of campus. The actual arrangements for housing are left to the individual students. Omaha has always had a sufficient number of vacancies to accommodate new arrivals. It is suggested that students set aside some days before registration to search, inspect and contract for suitable housing.

Any unusual circumstances as to age or physical condition requiring special housing arrangements will be given full consideration by the Associate Vice President for Student Services.

Questions regarding housing services and facilities may be directed to the Housing Office, 101 Swanson Hall; telephone:(402)280-3016.

Child Care Center

Students with children may wish to take advantage of the Creighton Child Care Center which is conveniently located just east of the main campus area. The center has reasonable rates and can accommodate children ranging in age from six weeks through five years. Call 280-2460 for information.



Pharmacy students learn to prepare all types of injectable drugs and solutions under sterile conditions.

STUDENT SERVICES

When Creighton admits a student she does so with a sincere concern for the student's well-being. With this in mind, the following services, in addition to those described elsewhere in this bulletin, are designed to assist each student to attain fulfillment in the college environment.

COUNSELING AND GUIDANCE

Counseling and Psychological Services

These professional services are designed to help students actualize themselves in the areas of effective learning, appropriate educational and vocational decision-making, and social and personal adjustment. In conjunction with counseling interviews, a complete selection of psychological tests and inventories are available to students so that they may explore values, interests, aptitudes, and abilities. An informational system offers descriptive information concerning educational majors and careers and information on various topics such as coping with stress, time management, assertion training, and study skills.

The staff are professionally trained psychologists and counselors who assist students with a wide range of developmental concerns. Students expressing concerns in areas such as studying, interpersonal relationships, communication, decision-making, choices of majors or occupations, values clarification, and tension may benefit from talking with a staff member.

The staff members strive to be warm, understanding and accepting — not making decisions for the student but assisting him or her in self-direction. All aspects of the services are confidential. No information is released to anyone without the written consent of the student.

The Counseling and Psychological Services is located on the upper level of Brandeis Hall. Services are available free to full-time students. Phone 280-2733 for an appointment.

Other Services

Veterans' Service — is provided by the Registrar's Office. Veterans and others eligible for educational benefits administered by the Veterans Administration are given assistance concerning proper and advantageous use of their benefits and to simplify and expedite transactions with the government. Information and application forms for VA educational benefits are available at the Registrar's Office.

Campus Ministry — Members of the Campus Ministry team are ready at any time to talk over in a friendly and confidential manner the plans and problems which any student may wish to bring to them. The chaplain - counselors in the residence halls and the Jesuit counselors of the professional schools as well as the chaplains at St. John's are likewise available for helping students. Protestant chaplains are also available for counseling.

Placement Counseling for Students and Alumni — is provided by the Career Services Center. This office arranges for over 100 campus visitations during the school year by representatives of business, industry and government to interview graduating seniors for regular positions. Many other employers telephone or mail in listings of job opportunities and request candidates. This and other employment services are provided without charge

to students and alumni. Representatives from various pharmaceutical companies and pharmacies visit the School of Pharmacy and Allied Health Professions annually to interview graduating pharmacy students.

STUDENT HEALTH SERVICE

The Student Health Service provides health care to all full-time students attending the University during the academic year, August to May. A complete statement of the extent and limits of health service benefits is contained in the Student Handbook.

Students are required to submit to the Student Health Service a confidential Health Record on the form sent to prospective students. Included on this form is an immunization record that **must** be completed. Registration will be delayed if documentation of immunity to measles, mumps, and rubella is not received prior to registration. **Measles:** All Creighton University students, full- and part-time, are required to provide documentation of receipt of two doses of measles vaccine. The first must be after the first birthday and after December 31, 1967. The second must be after December 31, 1979. **Mumps:** Immunization must be after 12 months of age. **Rubella:** Immunization must be given after 15 months of age and after December 31, 1967. Other forms of documentation of immunity include (1) physician-diagnosed illness with certified data including month and year (except for rubella); (2) you were born before 1957, and presumed to have had the disease (except for rubella); (3) or reports of an immune titer proving immunity.

Health insurance that covers both inpatient and outpatient services is also required. Students who do not provide proof of other health insurance will be charged for the Student Health Insurance.

When ill, students are expected to consult the Student Health Service. Charges are made for x-ray and laboratory work. Prescriptions can be filled at the St. Joseph Hospital Outpatient Pharmacy at nominal cost. All prescriptions are on a cash and carry basis only. If it is found necessary to refer the student to a physician or surgeon outside of Student health for consultation, the cost must be borne by the student.

The student is under obligation to pay any indebtedness to Student Health, any physician or surgeon consulted outside of Student Health, and to the hospital before the final examinations of the current academic year. Student Health Service is located in the Kellom Heights Shopping Center, 2530 Cuming Street. Telephone: 280-2735.

STUDENT HEALTH AND ACCIDENT INSURANCE

To prevent students from being thrown into deep debt from health-care costs, health insurance **is required**. An assessment for health insurance will be made with charges for tuition and fees, unless a waiver is obtained by submitting complete information on comparable health insurance to the Student Health Service Office. A complete announcement of the insurance plan is sent to each student and prospective student during the summer.

PROFESSIONAL MALPRACTICE INSURANCE

Various forms of malpractice insurance are available to cover students' experiential assignments and part-time work in the health-care field. Students are required to have this coverage starting at the beginning of their first professional year. Students receive group rates but must pay their own premiums.

GENERAL ADMISSIONS

(Specific Requirements Are Found in Pharmacy and Occupational Therapy Sections)

It is the admission policy of Creighton University to accept qualified students within the limits of its resources and facilities. See also the University's Nondiscrimination Policy on page 13.

This publication contains the most current information available on the subjects covered as of the date of publication. However, this publication is not an offer to enter into a contract. Final selection of applicants to be admitted shall be made by the University, which reserves the right to deny admission to any applicant for any lawful reason. The University also reserves the right to modify or eliminate University rules and policies, including without limitation: admission requirements and criteria; course offerings, or locations or frequency thereof; course content; grading requirements and procedures; degree requirements; tuition, fee and board and room rates; financial assistance programs; substantive or procedural student disciplinary rules; and support services, and to apply any such modifications to any student without regard to date of admission application or enrollment.

PHYSICAL FITNESS

All applicants for either pharmacy or occupational therapy degree programs must be able to perform the physical and manual functions necessary to the successful practice of pharmacy.

SELECTION

Fulfillment of the specific requirements does not insure admission to the School of Pharmacy and Allied Health Professions. The Committee on Admissions will select those whom they judge to be the best qualified for the study and practice of pharmacy or occupational therapy, i.e., students showing satisfactory scholarship and having unqualified recommendations.

In evaluating the applicants, consideration will be given to all of the qualities considered to be necessary in the pharmacist or occupational therapist. Intellectual curiosity, emotional maturity, honesty, proper motivation, in addition to proven scholastic ability, are of the utmost importance.

ENROLLMENT RESERVATION DEPOSIT

A \$300 enrollment reservation deposit is required of each prospective student within thirty days following the date of the letter initially informing the student of acceptance for admission by the Committee on Admissions. The deposit will be credited to the first semester's tuition. The deposit is forfeited if the accepted student fails to register. It is never returned unless the acceptance is canceled by the Committee on Admissions because the applicant has failed to fulfill the conditions of acceptance. However, one half (\$150) is refundable if written request for withdrawal is received before June 1.

ADMISSION OF TRANSFER STUDENTS

Students who have studied pharmacy or occupational therapy in other fully accredited schools may be admitted to advanced standing provided that they have passed satisfac-

torily the subjects which they carried and have satisfied the Committee on Admissions that the work they have had is the equivalent of that given in this School.

Applicants for admission to advanced standing must present a letter of honorable dismissal from the dean of the school they have previously attended, together with his statement that they are eligible to return to that school and his designation of the class to which it is permissible for them to return.

ADMISSION OF VETERANS

Courses in all schools and colleges of the University are approved for veterans' education and training. Veterans's Service is provided by the Registrar's Office. Veterans and others eligible for educational benefits administered by the Veterans Administration are given assistance to assure proper and advantageous use of their benefits and to simplify and expedite transactions with the government.

ADMISSION OF FOREIGN STUDENTS

This school is authorized under Federal law to enroll nonimmigrant alien students.

Previous Study in the United States

International students are advised that the Creighton University School of Pharmacy and Allied Health Professions rarely admits students who have not taken at least a portion of the prerequisite courses at an accredited institution in the United States. Those currently living in the United States are encouraged to take some biology and chemistry in this country, even if they have completed the requirements for admission in some other country.

Admissions Credentials

Candidates for admission from foreign countries must present original and complete educational credentials. Certified transcripts bearing seals and original signatures must be sent directly to the School of Pharmacy and Allied Health Professions from institutions of higher education in other countries. Since this process is frequently time consuming, the student is encouraged to request documentation at an early date. Photocopies are not acceptable.

English Language Competency

Ability to speak and write correct grammatical English is imperative. This is essential to ensure academic progress and to enable the applicant to communicate clearly with physicians and patients.

All applicants are required to take the Test of English as a Foreign Language (TOEFL) and have the scores sent to Creighton. For further information concerning the TOEFL examination contact the Test of English as a Foreign Language, Box 899, Princeton, NJ 08541.

In addition to a high score on the TOEFL examination, other evidence of proficiency in English might include letters from employers or instructors, credit earned in English language courses, and a personal interview. International students who cannot meet the English language requirements may be referred to the Creighton University English Language Program for full- or part-time enrollment.

Degree Candidate Status

If an applicant's credentials indicate satisfactory preparation for admission, acceptance may be granted. Foreign students may be admitted only as regular full-time students and are not eligible for "special" student status. The School of Pharmacy and Allied Health Professions rarely admits students who are not seeking to obtain a degree from Creighton University.

Financial Aid

We regret that student financial assistance is not available for students who are not permanent residents of the United States or its possessions.

Certificate of Eligibility (I-20)

Before any certificate of eligibility (i.e., Form I-20) may be issued, however, the candidate must have deposited with the University a specified sum, after having been accepted for admission as a regular full-time student. For the 1990-92 school year, the required deposit is \$7,976 (seven thousand nine hundred seventy-six U.S. dollars—applicable to one semester). A similar deposit may be required annually in advance of each school year for which the student wishes to register, assuming he or she is eligible to continue enrollment in the University. Most of the deposit is for tuition, fees, books, school supplies, board and room during the academic year. The balance is to cover incidental expenses during the year and for living expenses during recesses. The deposit is adjusted annually as the various costs of schooling and living increase. Therefore, the deposit is intended to meet the usual minimum expenses for one academic semester. Students from foreign countries should be advised that immigration rules do not normally permit students to be employed while residing in this country. We regret that student financial assistance is not available for students who are not citizens of the United States or its possessions. The deposit may be waived, or the amount of deposit required may be adjusted if the applicant submits acceptable evidence of ability to meet the financial demands of his/her education.



An Occupational Therapy instructor demonstrates the use of a hand orthosis which enables an individual with a hand dysfunction to achieve independent living.

PHARMACY PROGRAM

THE PROFESSION

The pharmacist is responsible for storing, protecting, compounding, and dispensing medication in its various dosage forms. The pharmacist has the ability to solve health-related problems of individuals and the community as they relate to the selection, distribution, and control of pharmaceuticals. The pharmacist, utilizing knowledge of disease states, therapeutics, and the pharmaceutical sciences, will assist in the management of the patient's therapy by gathering information from the patient record, the patient, and other health professionals; selecting and implementing a drug therapeutic regimen; monitoring the outcome of that regimen; and providing drug information and education to patients and health professionals.

Pharmacists have more job opportunities available to them today than ever before. Many pharmacists work as staff pharmacists or managers in hospitals, nursing homes, traditional drug stores, clinic pharmacies, or home-health agencies. Of course, there is the opportunity for the entrepreneur to own a pharmacy. The pharmaceutical industry provides opportunities in sales, marketing, regulatory control, research, product development, quality control and production. In addition, many pharmacists are needed to teach at colleges and schools of pharmacy across the country.

ADMISSION

Except in very unusual circumstances, students will enter the program in the fall semester. Admissions are made between January 1 and August 1, with preference given to those who apply by March 1. The application form and supporting materials must be received before the application can be processed. The Pharmacy College Admissions Test (PCAT) is **not** required.

A transcript must be received from each institution the applicant has attended or is attending, regardless of whether or not credit was received, even if the courses are listed on a transcript from another institution.

Final selection of applicants to be admitted shall be made by the University, which reserves the right to deny admission to any applicant for any lawful reason.

Students are admitted into the pharmacy program without regard to which degree (B.S. or Pharm.D.) the student intends to pursue. Each student is given the option as to which degree track/s he or she wishes to follow during the second professional year. (See "Degree Selection.")

To request application forms or further information, write
Anneta Silvius, Pharmacy Admissions,
School of Pharmacy and Allied Health Professions,
Creighton University, 2500 California Street, Omaha NE 68178.
Telephone: 1-800-325-2830 or 1-402-280-2950.

PRE-PROFESSIONAL COMPONENT

The 60 hours of prerequisites for entry into the pharmacy program are outlined below.

	Sem. Hrs.
Biology—two semester with lab	8
General Chemistry—two semesters with lab	8
Organic Chemistry—two semesters with lab	8
English	6
Theology*	6
Social and Behavioral Sciences, Humanities	12
Calculus	3
Electives (enough to total 60 sem. hrs.)	3
	<hr/>
	TOTAL 60

*This requirement is waived for students who complete prerequisites for the program at other universities. These students would then be required to take six additional hours of general education courses in order to replace the theology credits.

Science courses taken more than seven years prior to the date of application may not satisfy admissions requirements.

Social and behavioral sciences and humanities: courses may include philosophy, history, psychology, sociology, foreign language, music, and other courses that will help students broaden their interest and understanding of themselves and other people.

DEGREE SELECTION

The first two years of the professional program are the same whether the student is interested in the Bachelor of Science degree or the Doctor of Pharmacy degree. During the spring semester of the second professional year of the Creighton pharmacy program, students are asked to select which degree they wish to pursue. Each student in good academic standing is allowed to enroll in whichever degree track he or she chooses.

TUITION AND FEES

—See Tuition and Fees Section in this *Bulletin*.

FINANCIAL AID

—See Financial Aid Section in this *Bulletin*.

INTERNSHIP

Most states require some practical experience before candidates are allowed to take the examination for licensure. This practical experience may be a combination of part-time and summer employment, school-directed experience, and post-graduate work. The amount of experience required and the credit given for college-supervised experiences varies from state to state.

A student with a B.S. degree has 640 hours of practical experience while each Pharm.D. student has 1,600 hours at the time of graduation.

PLACEMENT

Program graduates will be assisted by the University Placement Office. Job opportunities are plentiful. Many prospective employers interview at the School.

ACCREDITATION

Creighton University is fully accredited by the North Central Association of Colleges and Schools, the accrediting agency for the region in which the University is situated. The professional Colleges and Schools are accredited by their respective professional standardizing agencies.

The School of Pharmacy and Allied Health Professions, accredited by the American Council on Pharmaceutical Education, is a member of the American Association of Colleges of Pharmacy.

PHARMACY STUDENT ASSOCIATIONS

A *Student Chapter of the American Pharmaceutical Association* was established in the School of Pharmacy in 1955. This replaced the *Creighton University Pharmaceutical Association* which was organized in 1935 and included in its membership all students of the School of Pharmacy. Membership in the Academy of Students of Pharmacy (A.S.P.) is encouraged for all Pharmacy students, and the annual membership is payable at the first registration each academic year.

The purpose of the chapter is to encourage in the broadest and most liberal manner the advancement of the student's interests, scholastic and social, and to promote University and School loyalty and unity. Under its auspices many worthwhile events are arranged during the school year. Programs are arranged by students and offer an opportunity to hear many outside speakers. The presiding officer is elected from the professional classes.

In 1990, the first student chapter of the National Catholic Pharmacists Guild was chartered at Creighton University. Some of the purposes of the organization are to provide a forum for the understanding of bioethical issues as they impact on Catholic pharmacists and students, to fight against pornography, to support human life in all of its stages, to provide outreach services through the profession of pharmacy and promote solidarity and goodwill among all pharmacists and pharmacy students.

Institute for Latin American Concern (ILAC)

An experience in the third world is increasingly important for those whose call is to service in their own environment. The Institute for Latin American Concern (ILAC) at Creighton University has a twofold purpose:

1. To provide students and professionals with the opportunity to understand the problems of the third world based on first-hand experience in the Dominican Republic.
2. To provide a health-care service to people in need in remote areas of the Dominican Republic.

Every summer since 1977, more than 80 North Americans have participated in the ILAC experience. The students live in the Dominican Republic for eight weeks while health professionals go in shifts for one- or two-week periods to monitor the work of the students and to help deliver health care to the Dominican people.

The participants live with the people and thus have the opportunity to learn first-hand about the culture, customs, and problems of a third-world country. ILAC provides a unique opportunity to Medical, Nursing, Dental and Pharmacy students to work in health-care teams monitored by the professionals who also become part of the team-work experience.

The ILAC Program is accredited by Creighton University and students receive academic credit for successful participation. Student costs include round-trip air fair (approximately \$600) and \$300-\$400 spending money.

Honor Societies and Fraternities

Alpha Sigma Nu, National Jesuit Honor Society, was founded at Marquette University in 1915, and the Creighton Chapter was established in 1921. In 1973 Gamma Pi Epsilon, the women's honor society, merged with Alpha Sigma Nu. Currently there are chapters at all 28 Jesuit colleges and universities in the United States and at Sogang University in Seoul, Korea. Scholarship, loyalty, and service are the threefold requirements for membership in the society. Membership is highly selective and is awarded on the recommendations of the local chapter, the faculty, the deans, and with the approval of the University president. Outstanding undergraduates in their junior and senior years and professional and graduate students are eligible. Membership is prized as one of the most notable distinctions which can be won by a student in a Jesuit institution of higher learning.

Alpha Alpha Chapter of Rho Chi, national pharmaceutical society, was established at Creighton University in 1941. Charters and chapters of this organization are granted only to groups of schools or colleges that are members in good standing of the American Association of Colleges of Pharmacy. Eligibility for membership in the Society is based on high attainment in scholarship, personality, and leadership. All candidates selected for membership must have completed the first professional year and must be approved by the Dean of the School of Pharmacy and Allied Health Professions.

The Kappa Psi Pharmaceutical Fraternity was founded at the Russell Military Academy in New Haven, Connecticut in 1879, and the Creighton Beta Nu Chapter was revitalized in 1977 after lying dormant since World War II. Membership is open to both male and female students. This group provides many professional as well as social endeavors.

RECOGNITION OF SCHOLARSHIP AND LEADERSHIP

Honors and Prizes

Membership in Alpha Sigma Nu, national Jesuit honor society, awarded on the basis of scholarship, loyalty and service.

Membership in Rho Chi, national honor pharmaceutical society, based on high attainment in scholarship, character, personality and leadership.

American Society of Hospital Pharmacists Student Leadership Award is presented to students who exhibit professional and scholastic potential.

The Bristol Laboratories, Inc. Award. Bristol offers two prizes that are awarded annually. The prizes are awarded to a graduating B.S. and Pharm.D. student for high scholastic achievement and outstanding leadership qualities.

The Druggists Mutual Scholarship Award. A \$500 scholarship is awarded to a second-year student who is a resident of the Midlands, intends to practice community pharmacy, and has exhibited academic superiority.

Eli Lilly Achievement Award is awarded annually to a student in the School of Pharmacy and Allied Health Professions who has demonstrated overall excellence in scholastic achievement, leadership, and extra-curricular activities.

The Jane A. Ghiglieri Memorial Scholarship is awarded to a senior student demonstrating scholastic ability, leadership ability, and community service.

K-Mart Corporation Scholarship is presented to a student with high professionalism and interest in community pharmacy practice.

The Greater Omaha Pharmacists' Association Award. A plaque and one-year membership in GOPA to the senior with the greatest potential to be outstanding in community pharmacy.

Lemmon Company Student Award. A \$150 check and certificate of award for outstanding contributions to the School of Pharmacy.

Lloyd H. and Matilda Castle Memorial Scholarship. A \$100 award to an Iowa resident for outstanding scholarship and leadership.

McNeill Mortar and Pestle Award, offered by McNeil Consumer Products Company of Fort Washington, Pennsylvania, is awarded annually to a senior student for outstanding achievement in Pharmacy Administration courses. The award consists of a replica of a Revolutionary War mortar and pestle.

The Merck Sharpe & Dohme Awards. Two awards to the graduating B.S. and Pharm.D. students with the highest cumulative grade-point averages.

Mylan Pharmaceutical Award is given to the graduating senior who has demonstrated superior proficiency in the provision of drug information, has high professional motivation, and is in the top 20 percent of the graduating class.

National Association of Chain Drug Stores Award is a cash award to a junior or senior pharmacy student with interest in community pharmacy practice.

Nebraska Society of Hospital Pharmacy membership award is presented to a senior interested in hospital pharmacy as a career and judged for excellence in senior hospital pharmacy rotation.

Pfizer Community Pharmacy Internship Award. A plaque awarded to the graduating senior who has demonstrated excellence in the area of community pharmacy internship.

Roche Laboratories Pharmacy Communications Award is presented to a senior student demonstrating effective communication with prerequisite knowledge in a form that can be received and used by the patient while demonstrating a commitment to the profession.

Sandoz Pharm.D. Award. A plaque and \$100 awarded to the graduating Pharm.D. student voted most outstanding by the faculty.

Smith Kline & French Award. A plaque to a senior for outstanding performance in clinical rotations.

The Spirit of Creighton Award is a citation conferred on a male and a female student by the President of the University annually at Commencement for demonstrating remarkable initiative and able enterprise, wisdom in action, modesty in achievement, and great personal sacrifice for the good of others.

Rho Chi Awards. This award, sponsored by Alpha Alpha Chapter of Rho Chi, is given to students who are not members of Rho Chi and who have shown evidence of scholarship and school spirit.

Upjohn Award. a plaque and \$100, is presented to a graduating senior for extraordinary service on behalf of the School of Pharmacy and Allied Health Professions.

Walgreen Company Scholarship Award is a cash award to a pharmacy student who actively promotes pharmacy and exhibits high professionalism.

THE ALUMNI ASSOCIATION

The Creighton University Alumni Association of graduates and former students was formed in 1892 to provide an organization through which they could continue the friendships and associations developed during their student days on the "Hilltop." The constitution adopted in 1926 and revised in 1987 set forth its mission "...to advance the interests of the Creighton family through a commitment to academic excellence, Judeo/Christian ethics, and a lifelong relationship between each Creighton alumnus/a and his/her University that enriches both.

The administration of alumni activities is handled in the Alumni Relations Office under supervision of a Director of Alumni Relations. All activities are carried out under policies established by the National Alumni Board, the governing board of the Association, and executives of the University. The National Alumni Board is composed of 23 members representing 13 geographical areas of the country as well as Omaha. Three (3) at-large members serve on the board to ensure balance among graduates as to age, gender, and degree.

Among the activities sponsored by the Alumni Association are the annual President's Alumni Picnic, annual alumni dinners and class reunions for the various Schools and Colleges, the Thanksgiving Day Mass and Breakfast, and the annual Alumni Homecoming Party. Each of the 70 Creighton clubs in as many cities across the country hold social meetings at least once a year. University officials attend all of these annual get-togethers to which alumni, parents of students, and friends of Creighton University are invited.

Individual files of over 40,000 alumni are maintained in the University Relations Records Center.

Bachelor of Science in Pharmacy Degree

PROFESSIONAL CURRICULUM

The curriculum leading to the Bachelor of Science in Pharmacy degree normally takes six semesters to complete (ten semesters including the two years of pre-pharmacy courses.) The student is not required to attend classes in the summer, and the six semesters are taken over three calendar years.

REQUIREMENTS FOR GRADUATION

In order to satisfy the requirements for graduation, the student must successfully complete:

- all requirements for admission, including a minimum of 60 semester hours;
- all required courses in the pharmacy curriculum;

- not less than six semester hours of electives offered by the pharmacy faculty;
- a total of not less than 162 semester hours (including pre-pharmacy courses and electives).

A cumulative grade-point of not less than 2.0 is required for graduation, based on all work attempted while enrolled in the pharmacy program.

A candidate for a degree must be determined by the faculty to be of good moral character and fit for the practice of the profession, must have paid all indebtedness to the University, and must be present at the ceremonies where the degree is conferred (unless excused under University rules).

BACHELOR OF SCIENCE IN PHARMACY

Curriculum Sequence (Three Years). No Summers—May Graduation

First Professional Year

<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
ANA 112 Anatomy	2	MGT 301 Managerial Process & Organizational Behavior	3
BCH 301 Biochemistry	4	PHS 303 Physiology	5
MIC 141 Microbiology	4	PSC 103 Pharmacocybernetics I	2
PSC 101 Pharmacy Perspectives	1	or	
PSC 103 Pharmacocybernetics I	2	PPR 123 Communication Skills	2
or		PSC 112 Pharmaceutics II	4
PPR 123 Communication Skills	2	PTG 105 Pathology	3
PSC 111 Pharmaceutics I	3		<u>17</u>
PSC 113 Pharmacy Calculations	<u>1</u>		
	17		

Second Professional Year

<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
PHR 241 Pharmacology I	4	PHR 242 Pharmacology II	4
PPR 251 Pharmacotherapeutics I	5	PPR 221 Pharmacy Practice Law	2
PSC 211 Basic Pharmacokinetics	3	PPR 252 Pharmaco- therapeutics II	5
PSC 231 Medicinal Chemistry I	3	PSC 213 Dispensing Laboratory	1
PSC 325 Ethics in the Health Professions	<u>3</u>	PSC 232 Medicinal Chemistry II	3
	18	Electives	<u>2</u>
			17

Third Professional Year

<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
PPR 260 Parenteral Drug Delivery Systems	3	PPR 380 Community Pharmacy Practice Externship	4
PPR 321 Community Practice Management	3	PPR 381 Hospital Pharmacy Practice Externship	4
or		PPR 383 Extended-Care Services Clerkship	4
PPR 323 Institutional Practice Management	3	PPR 390 Adult Inpatient Clerkship	4
PPR 351 OTC Products	3		<u>4</u>
PPR 404 Drug Literature Evaluation	2		16
Electives	<u>6</u>		
	17		

The first two professional years of the B.S. degree and Pharm.D. degree programs are the same. In the fall semester of the first year of the program, half of the class will take Pharmacocybernetics and the other half will take Communication Skills. In the spring semester, students will take the course that they did not take in the fall. Students will choose between Community Practice Management and Institutional Pharmacy Management in the third year.

Electives do not need to be taken as shown, but each student must take at least 162 total semester hours (including pre-pharmacy courses), and not less than six semester hours of electives offered by faculty of the pharmacy program.

Doctor of Pharmacy Degree

PROFESSIONAL CURRICULUM

The curriculum leading to the Doctor of Pharmacy degree takes a total of nine semesters to complete (thirteen semesters including the two years of pre-pharmacy courses). The last five semesters are taken consecutively. This means that students are required to attend clerkship rotations during the summer prior to the last year of the program.

GOALS AND OBJECTIVES

The Doctor of Pharmacy (Pharm.D.) degree is given to those who have had the extra study which prepares them for intensive clinical practice.

In addition to having the knowledge and skills gained with a B.S. degree, graduates with a Pharm.D. degree will have an enhanced ability to:

1. Gather patient data and assess patient parameters that are useful in monitoring drug therapy (includes interpretation of medical history, physical findings, laboratory and other diagnostic tests, and the serum concentration of drugs).
2. Integrate concepts presented in the didactic courses in medicinal chemistry, pharmacotherapeutics, pathophysiology, pharmacology, pharmaceuticals, and other health-related disciplines with clinical experience in making appropriate patient-care decisions.
3. Select and recommend appropriate therapeutic agents for an individual patient.
4. Retrieve information from the literature and evaluate its content for statistical and clinical significance.
5. Participate effectively as a member of a health-care team.
6. Identify, evaluate, and attempt to prevent drug reactions and interactions.
7. Perform limited independent research.
8. Extend the capability of primary care providers by monitoring therapy and providing care for patients with chronic diseases.

REQUIREMENTS FOR GRADUATION

In order to satisfy the requirements for graduation, the student must successfully complete:

- all requirements for admission, including a minimum of 60 semester hours; and
- all required courses in the Pharm.D. curriculum.

A cumulative grade-point average of not less than 2.0 is required for graduation, based on all work attempted while enrolled in the Pharmacy program.

A candidate for a degree must be determined by the faculty to be of good moral character and fit for the practice of the profession, must have paid all indebtedness to the University, and must be present at the ceremonies where the degree is conferred (unless excused under University rules).

DOCTOR OF PHARMACY DEGREE

First Professional Year

<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
ANA 112 Anatomy	2	MGT 301 Managerial Process & Organizational Behavior	3
BCH 301 Biochemistry	4	PHS 303 Physiology	5
MIC 141 Microbiology	4	PPR 103 Pharmacocybernetics I	2
PPR 103 Pharmacocybernetics I	2		
or		or	
PPR 123 Communication Skills	2	PPR 123 Communication Skills	2
PSC 101 Pharmacy Perspectives	1	PSC 112 Pharmaceutics II	4
PSC 111 Pharmaceutics I	3	PTG 105 Pathology	<u>3</u>
PSC 113 Pharmacy Calculations	<u>1</u>		17
	17		

Second Professional Year

<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
PHR 241 Pharmacology I	4	PHR 242 Pharmacology II	4
PPR 251 Pharmacotherapeutics I	5	PPR 221 Pharmacy Practice Law	2
PSC 211 Basic Pharmacokinetics	3	PPR 252 Pharmacotherapeutics II	5
PSC 231 Medicinal Chemistry I	3	PSC 213 Dispensing Laboratory	1
PSC 325 Ethics in the Health Professions	<u>3</u>	PSC 232 Medicinal Chemistry II	3
	18	Electives	<u>2</u>
			17

Third Professional Year

<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
PPR 260 Parenteral Drug Delivery Systems	3	NUR 501 Physical Assessment	1
PPR 321 Community Practice Management	3	PPR 351 OTC Products	3
or		PPR 404 Drug Information Systems and Literature Evaluation	2
PPR 323 Institutional Practice Management	3	PPR 411 Clinical Pharmacokinetics	3
PPR 504 Biostatistics and Research Design	3	PPR 551 Advanced Pharmacotherapeutics II	7
PPR 550 Advanced Pharmacotherapeutics I	6	PPR 562 Clinical Pharmacy Practice II	<u>1</u>
PPR 561 Clinical Pharmacy Practice I	<u>2</u>		17
	17		

Fourth Professional Year

Summer Session	Sem. Hrs.		
PPR 552 Professional Practice Seminar I	1		
Clerkships (3)	<u>12</u>		
	13		
<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
PPR 553 Professional Practice Seminar II	1	PPR 554 Professional Practice Seminar III	1
Clerkships (3)	<u>12</u>	Clerkships (4)	<u>16</u>
	13		17

The first two professional years of the B.S. degree and Pharm.D. degree programs are the same.

In the fall semester of the first year of the program, half of the class will take Pharmacocybernetics and the other half will take Communication Skills. In the spring semester, students will take the course that they did not take in the fall. Students will choose between Community Practice Management and Institutional Pharmacy Management in the third year.

In the last three semesters of the program, four credits are given for each month of clerkship. Six clerkships are required:

- PPR 580 Hospital Pharmacy Practice Externship
- PPR 581 Community Pharmacy Practice Externship
- PPR 583 Drug Information Clerkship
- PPR 590 Internal Medicine Clerkship I
- PPR 591 Internal Medicine Clerkship II
- PPR 593 Clinical Pharmacokinetics Clerkship

Four additional months of clerkship are elective. Students may repeat a required area for additional experience, or they may select from the following:

- PPR 405 Elective Pharmacy Research Clerkship
- PPR 485 Elective Industrial Pharmacy Clerkship
- PPR 556 Elective Ambulatory Care Clerkship
- PPR 557 Elective Psychiatry Clerkship
- PPR 559 Elective Clinical Nutrition Support Clerkship
- PPR 565 Elective Extended Care Services Clerkship
- PPR 575 Elective Ambulatory Home Care Clerkship
- PPR 576 Elective Poison Center Clerkship
- PPR 577 Elective Oncology-Hematology Clerkship
- PPR 578 Elective Community Pharmacy Management Clerkship
- PPR 579 Elective Nuclear Medicine Clerkship
- PPR 586 Elective Internal Medicine Clerkship
- PPR 587 Elective Infectious Disease Clerkship
- PPR 589 Elective Cardiology Clerkship
- PPR 598 Elective Pediatrics Clerkship

COURSE DESCRIPTIONS

FOUNDATION COURSES

ANA 112 Anatomy (2)

Basic human anatomy for pharmacists. Illustrated lectures to present anatomical terminology, an overview of the gross anatomy of the human body in a systemic fashion, and the general histological features of the system. R. P: BIO 212 or equivalent.

BCH 301 Biochemistry (4) I

Basic biochemical principles and their interrelationships in living organisms.

MIC 141 Microbiology (4) I

Basic facts about microbiology as related to disease. Demonstration of methods for isolating and culturing bacteria. 4R, L. P: BIO 211 and CHM 100 or CHM 151 or CO: CHM 151.

NUR 501 Physical Assessment (1) II

A semester course providing an introduction to the theory, content, and skills required for conducting a screening physical examination of selected body systems. Open only to students registered in the Pharm.D. program.

PHR 241 Pharmacology I (4) I

The basic principles of drug action and mechanisms of action, indications, contraindications, adverse drug interactions, drug-interactions, drug-disease interactions, as a basis for rational pharmacotherapeutics are addressed. R, L. P: PHS 303; ANA 112; PTG 105.

PHR 242 Pharmacology II (4) II

Continuation of PHR 241. R, L. P: PHR 241; Biochemistry and Physiology.

PHS 303 Physiology (5) II

Course designed for nursing and pharmacy students and for students in related health-science areas. P: BIO 211; CHM 151.

PTG 105 Pathology (3) II

Causes and mechanisms of disease; the physiology of the pathologic state. P: PHS 303; ANA 112

PHARMACEUTICAL SCIENCES (PSC)

PSC 101 Pharmacy Perspectives (1) I

This course introduces the student to the various career opportunities available in the profession of pharmacy.

PSC 111 Pharmaceutics I (3) I

A study of the basic physicochemical principles applicable to an understanding of drugs and the pharmaceutical systems in which they are contained. Subject areas include: solubility and solutions, pH, diffusion, osmosis, drug stability, packaging, storage and administration, physicochemical evaluation of pharmaceutical products, and the clinical implications of pharmaceuticals. Mathematical methodologies (algebraic and graphical) relevant to modern pharmaceutical practice are integrated into both the didactic and laboratory portions of the course. R, 3L.

PSC 112 Pharmaceutics II (4) II

Continuation of PSC 111. P: PSC 111, 113, or IC.

PSC 113 Pharmacy Calculations (1) I

Practical applications of calculations in solving pharmacy problems. Course may be repeated without credit as review for board examinations.

PSC 157 Public Health (3) II

The historical development of public health care, organizations of public health, control of communicable diseases, social diseases, environmental health, and health-care delivery systems.

- PSC 211 Basic Pharmacokinetics (3) I, S**
An introduction to the study of the mathematics of absorption, distribution, metabolism, and excretion of drugs, and those biological and physicochemical factors of the body and drug that influence transfer processes associated with pharmacological and toxicological effects. 3R. P: PSC 112.
- PSC 213 Dispensing Laboratory (1) II**
Basic compounding techniques and dispensing of prescription drugs using proprietary drugs which are dispensed in pharmacies and hospitals. Incorporation of patient-record systems using computer applications. P: PSC 112, 113.
- PSC 216 Manufacturing Pharmacy (3) II**
Introduction and application of physical-chemical principles and processes of pharmaceutical manufacturing systems and formulation of various dosage forms. P: PSC 111, 112, 113.
- PSC 231 Medicinal Chemistry I (3) I**
The chemical basis for drug action in vivo and in vitro. General chemical principles, physico-chemical properties and drug-receptor interactions are used to derive structure-activity relationships for important drug classes, permitting the understanding of the pharmacological and biopharmaceutical profiles of currently available drug products. Provides a basis for predicting biological properties and activities of future products. P: BCH 301.
- PSC 232 Medicinal Chemistry II (3) II**
Continuation of PSC 231. P: PSC 231.
- PSC 235 Elementary Natural Products (3) I, II**
Course covering basic pharmacognosy, a science that treats of the history, commerce, identification, preservation, acute constituents, and use of drugs of plant and animal origin.
- PSC 237 Rational Drug Design and Discovery (2) I, II**
This course describes current aspects of drug development which have been assisted by the development of receptor theory and biochemical/biopharmaceutical based approaches to drug therapy. The rational design, synthesis, and development of recent drugs is described. P: PSC 231
- PSC 247 Introduction to Nutrition for Pharmacists (3) I, II, S**
This is an introductory course designed to offer pharmacy students a basic guide to nutritional principles in health and in disease. The course is divided into four phases: nutrients, clinical nutrition, social and economic problems in nutrition, and nutrition in special circumstances. P: PHS 303; BCH 301.
- PSC 308 High Tech Home Care (2) OD**
An elective course designed to examine the challenges inherent in the marriage of sophisticated technology and comprehensive home health care. The course examines challenges common to all types of high tech home care delivery including: quality of care, working effectively with clients and the home care team, financial considerations, liability and risk management.
- PSC 317 Applied Pharmaceutics (2) OD**
Selected products and dosage forms, chemical and physical incompatibilities (including I.V. admixtures), and clinically significant drug interactions. P: PSC 112. CO: PSC 232, PHR 242.
- PSC 325 Ethics in the Health Professions (3) I, II**
Examination of the moral dimensions of the role of the professional in contemporary society. Emphasis on the professional-client relationship and the professional's social obligations. Specific moral problems and ethical decision making.
- PSC 349 Toxicology (3) I, II**
Accidental poisoning arising from household hazards including foods, cleansers, cosmetics, and drugs (especially nonprescription products) addressed with respect to hazard, symptoms, treatment, and prevention. Topics of environmental and industrial toxicology that are of public concern. P: PHR 241, 242.
- PSC 455 Drug Metabolism and Disposition (2) OD**
An in-depth consideration of the various factors which influence the metabolism and disposition of drugs and foreign elements. The influence of physiological factors, physico-chemical factors, genetic factors, pathological factors, inducers, activators, inhibitors, co-oxidation, regioselectivity and stereoselectivity on drug metabolism will be addressed. The importance of various

cytochrome P-450 isoenzymes and their metabolic specificities will be considered. P: PSC 232; PHR 242.

PSC 475 Theory of Solid Systems in Pharmaceutics (3) OD

A physical-chemistry approach to solving the problems associated with practical design of solid dosage forms as well as those associated with their evaluation. P: PSC 111, 112.

PSC 476 Theory of Disperse Systems in Pharmaceutics (3) OD

A physical-chemistry approach to solving the problems associated with practical design of disperse-system dosage forms as well as those associated with their evaluation. P: PSC 111, 112.

PSC 477 Selected Topics in Pharmaceutics III: Macromolecular Systems (3) OD

A physical chemistry approach to solving the problems associated with the manufacture, evaluation, and utilization of polymers in the design of drug delivery systems; consideration of macromolecules as drugs. P: PSC 111, 112.

PSC 478 Selected Topics in Pharmaceutics IV: Principles of Modified Drug Delivery (2) OD

Course addresses the critical aspects of dosage forms modified to deliver an active drug in accordance with the therapeutic need. The format consists of lecture and discussion, laboratory, preparation of selected dosage forms and evaluation of manufactured dosage forms. P: PSC 111, 112.

PSC 497 Directed Independent Research I (1-6) I, II, S

Opportunity for motivated students to become involved in original research projects under the guidance of faculty in all areas of pharmacy. The student may participate in an ongoing study or develop a project for faculty approval. P: IC.

PSC 498 Directed Independent Research II (1-6) I, II, S

Continuation of PSC 497. P: PSC 497; IC.

PHARMACY PRACTICE (PPR)

PPR 103 Pharmacocybernetics I (2) I, II

Examination of scientific, professional, business, educational, and recreational uses of the computer. Designed to teach students to demonstrate various applications of microcomputers using programs in the School of Pharmacy. No computer programming skills are needed or taught.

PPR 123 Communication Skills for the Pharmacist (2) I, II, S

Lectures, seminars, group interaction, role playing, simulation, and interviewing are employed to improve a pharmacist's interpersonal communication skills. Three major areas will be addressed: 1) behavior modification (verbal, nonverbal, listening, empathy, interviewing), 2) assertiveness and 3) reduction of communication apprehension.

PPR 206 Non-Pharmacologic Therapy and Care of the Mentally III (1) II

Course designed to familiarize the pharmacy student with nondrug therapy (psychotherapy, ECT, group therapy, stress management, etc.) and care (living arrangements, psychological testing, nursing management, etc.) of the psychiatric patient.

PPR 209 Pharmacocybernetics II: Telecomputing and Telecommunications (2) II

Exploration of the fundamental aspects of telecomputing and the myriad on-line database systems available to pharmacists. Discussions on computer telecommunications, microcomputer communications hardware and software. In-depth examination of local and national information databases.

PPR 217 Legal Issues in Pharmacy Law (1) I, S

An elective course in which topics relating to current and future areas of pharmacy practice law are discussed.

PPR 219 Pharmacocybernetics III: Database Management (1) S

The student will be introduced to pharmacy applications of database management software and learn effective utilization of REFLEX: THE ANALYST, a powerful, yet easy to use, database program. P: PPR 103.

- PPR 221 Pharmacy Practice Law (2) II**
Basic provisions of Nebraska and Federal pharmacy laws. Included are statutes, rules, and regulations pertaining to pharmacy practice, licensure, controlled substances, poisons, drug product selection, and other laws with which a pharmacy practitioner must comply.
- PPR 251 Pharmacotherapeutics I (5) I**
Course introduces the student to the therapeutic application of drugs in disease states and provides the necessary background to enable the student to make therapeutic decisions. P: PSC 231; PHR 241 or concurrent registration.
- PPR 252 Pharmacotherapeutics II (5) II**
Continuation of PPR 251. P: PPR 251; PSC 232; PHR 242 or concurrent registration.
- PPR 256 Gerontology in Pharmacy Practice (1) I**
Course is designed to introduce pharmacy students to implications and problems encountered in the rapidly growing geriatric population.
- PPR 258 Pharmacotherapeutics of Common Infant and Pediatric Disorders (1) S**
Course designed to familiarize the pharmacy student with the pharmacotherapeutic and practical management of common infant and pediatric disorders.
- PPR 259 OTC Diagnostic Aids (1) S**
One-semester hour elective course designed to provide the student with a thorough working knowledge of currently available and future products for in-home diagnostics, management and monitoring of disease. Includes discussion of the impact of in-home testing on the health-care system and legal liabilities of pharmacists who choose to integrate these products into their practice.
- PPR 260 Parenteral Drug Delivery Systems (3) I**
Practical experiences in the preparation, handling, quality control, therapeutics, and dispensing of sterile dosage forms including enteral and parenteral nutrition products, ophthalmics, chemotherapeutic agents, biologicals, and specialty solutions. Includes electronic devices and other related equipment. P: PSC 112.
- PPR 266 Advanced Drug Delivery Systems (2) I, S**
Course addresses the practical application of advanced drug delivery systems to pharmacy practice. Format consists of lecture with discussion and laboratory experience with the systems. P: PSC 111.
- PPR 321 Community Practice Management (3) I, II**
Management techniques involving the contemporary practice of pharmacy in a community setting. Techniques involving drug distribution, as well as personnel, financial, and other management issues.
- PPR 323 Institutional Practice Management (3) I, II**
Comparative study of the drug distribution systems found in the contemporary practice of pharmacy in an institutional setting. The student will study and observe therapeutic delivery techniques and management skills used in the institutional setting.
- PPR 351 Nonprescription Drug Products (3) I, II**
Various therapeutic groups of drugs marketed without a prescription, their proper use, the pharmacist's responsibilities to the public, and some nondrug alternative therapies. P: PSC 231; PHR 241; PPR 251.
- PPR 380 Community Pharmacy Practice Externship (4) I, II, S**
A four-week, full-time practical clerkship in a community pharmacy in Omaha, outstate Nebraska, Iowa, or other area, with contributed services faculty as preceptors for the student. The student is exposed to the contemporary methods of pharmacy practice. Any student assigned to a non-Omaha site must cover any expenses incurred for lodging and/or transportation. P: PHR 241; PPR 251; PSC 231.
- PPR 381 Hospital Pharmacy Practice Externship (4) I, II, S**
A four-week, full-time practical clerkship in a hospital pharmacy in Omaha, outstate Nebraska, Iowa, or other area, with contributed services faculty as preceptors for the student. The student is exposed to the contemporary methods of pharmacy practice. Any student assigned to a non-Omaha site must cover any expenses incurred for lodging and/or transportation. P: PHR 241; PPR 251; PSC 231.

- PPR 383 Extended-Care Services Clerkship (4) I, II, S**
The extended care services clerkship will be a three-week learning experience that will provide the undergraduate pharmacy student with an opportunity to observe and participate in the practice of pharmacy in the long-term facility setting. P: PHR 242; PPR 252; PSC 232.
- PPR 390 Adult Inpatient Clerkship (4) I, II, S**
A four-week, full-time clinical clerkship offering practical experience, under supervision, in rendering pharmacy care to institutionalized patients. P: PHR 242; PPR 252; PSC 232.
- PPR 404 Drug Information Systems and Literature Evaluation (2) I, II**
An overview of drug information systems emphasizing retrieval techniques, literature evaluation, and information dissemination.
- PPR 405 Elective Pharmacy Clerkship (4-8) OD**
Research clerkship designed to provide students with experience in research design and development, performance of experiments, data collection and analysis, the peer review process, and animal or human research regulations. It is recommended that students have previously taken PSC 497 or PPR 497. Directed Independent Research.
- PPR 411 Clinical Pharmacokinetics (3) II**
The application of pharmacokinetic principles to develop a patient-specific drug regimen design. P: PSC 211.
- PPR 485 Elective Industrial Pharmacy Clerkship (4) OD**
A one month, full-time clerkship experience in an industrial pharmacy setting in which the student learns the responsibilities of the industrial pharmacist. The student participates in many of the areas of the drug industry including quality control, manufacturing, regulatory affairs, etc. P: PPR 411, 551.
- PPR 489 Third World Culture and Health Care (ILAC) (4) S**
An eight-week, full-time clinical clerkship in the study and practice of interdisciplinary assessment, planning, implementation, and evaluation of health-care delivery in the Institute for Latin American Concern (ILAC) Program. Major focus is on the team approach to the solution of episodic health-care problems. This unique experience affords the student the opportunity to actively participate in the triage of health-care problems, health assessment, collaboration and diagnosis, explanation of treatment, and education in a Third World country under the direction of faculty. P: PHR 242; PPR 252.
- PPR 497 Directed Independent Research I (1-6) OD**
Presents an opportunity for motivated students to become involved in original research projects under the guidance of faculty in all areas of pharmacy including cybernetics, medicinal chemistry, pharmaceuticals, pharmacology and clinical pharmacy. The student may participate in an ongoing study or develop a project for faculty approval. P: IC.
- PPR 498 Directed Independent Research II (1-6) OD**
Continuation of PPR 497. P: PPR 497; IC.
- PPR 504 Biostatistics and Research Design (3) I**
An introduction to research design and biostatistics. Basic concepts of the development of research protocols and research proposals, grant writing, and sources of research funds. Consideration of research surveys. Basic statistical concepts including descriptive and inferential statistics with emphasis on statistical methods and assessments most commonly associated with pharmaceutical research. P: PSC 232; PHR 242; PPR 252.
- PPR 550 Advanced Pharmacotherapeutics I (6) I**
Two-semester sequence of didactic presentations on disease processes and therapeutics.
- PPR 551 Advanced Pharmacotherapeutics II (7) II**
The second part of a two-semester sequence. P: PPR 550.
- PPR 552 Professional Practice Seminar I (1) S**
A three-semester sequence designed to enable Pharm.D. candidates to increase their verbal and written communication skills. Doctoral candidates prepare presentations illustrating assessment and management of disease states, medical papers intended for publication, curriculum vitae, and abstracts and posters for professional meetings. These projects and presentations should enable Pharm.D. candidates to comport themselves well in both clinical and academic arenas in the form of verbal and written presentations. P: Concurrent registration with Pharm.D. clerkships.

- PPR 553 Professional Practice Seminar II (1) I**
Continuation of PPR 552. P: PPR 552.
- PPR 554 Professional Practice Seminar III (1) II**
Continuation of PPR 553. P: PPR 553.
- PPR 557 (488) Elective Psychiatry Clerkship (4) I, II, S**
A four-week clinical rotation during which the student will gain an understanding of commonly seen psychiatric disease states and their appropriate therapeutic managements as well as interactions between coexisting mental and physical diseases and their therapeutic modalities. Emphasis on comprehensive management of the whole patient, not just his mental disease. P: PPR 550, 551.
- PPR 559 (594) Elective Clinical Nutrition Support Clerkship (4) I, II, S**
A four-week full-time clinical rotation with a nutrition support service which provides inpatient parenteral and enteral nutrition therapies. P: PPR 411, 551.
- PPR 561 Clinical Pharmacy Practice I (2) I**
Designed for completion during the first year of the Doctor of Pharmacy curriculum. Designed to introduce the student to the practice of clinical pharmacy, exploring new trends in pharmacy practice, career opportunities, and rotation possibilities.
- PPR 562 Clinical Pharmacy Practice II (1) II**
Designed for completion during the first year of the Doctor of Pharmacy curriculum. Course concentrates on basic skill development for clinical practice prior to the clerkship experience, focusing on such activities as the acquisition of a drug history, patient monitoring techniques, and patient counseling. P: PPR 561.
- PPR 575 Elective Ambulatory Home Care Clerkship (4) I, II, S**
A one-month experience in an ambulatory home health care setting. The student will become familiar with the pharmacist's responsibilities in preparation of home parenteral products. Participation in several of the home care facility's activities including home visit assessments with the nurses, inventory and quality control of products, and patient discharge consultations. Exposure to pumps and other parenteral devices needed in the home.
- PPR 577 Elective Oncology-Hematology Clerkship (4) I, II, S**
A one-month full-time elective rotation for Doctor of Pharmacy students offered in cooperation with the Department of Oncology at the Creighton University School of Medicine. The practice sites will include the AMI/St. Joseph Hospital oncology ward and the Creighton Cancer Center. This clerkship will allow Pharm.D. students to develop proficiency in the acquisition, preparation, administration, and monitoring of antineoplastic agents; palliation of paraneoplastic syndromes; and the critical care management of a neutropenic patient. P: PPR 551.
- PPR 578 Elective Community Pharmacy Management Clerkship (4) I, II, S**
Provides experiences in the innovative community pharmacy practice specializing in prescription and nonprescription medications with emphasis on successful practice management. P: PPR 321, 581; IC.
- PPR 579 Elective Nuclear Medicine Clerkship (4) I, II, S**
This four-week clerkship will introduce the Pharm.D. candidate to nuclear pharmacy and its applications to clinical nuclear medicine. The intern will be exposed to the fundamentals of radiopharmaceutical preparation and utilization within a centralized nuclear pharmacy.
- PPR 580 Hospital Pharmacy Practice Externship (4-8) I, II, S**
A full-time practical rotation in a hospital pharmacy in Omaha, outstate Nebraska, Iowa, or other area with contributed services faculty as preceptors for the student. The student is exposed to the contemporary methods of hospital pharmacy practice. P: PPR 551.
- PPR 581 Community Pharmacy Practice Externship (4-8) I, II, S**
A full-time practical rotation in a community pharmacy in Omaha, outstate Nebraska, Iowa, or other area with contributed services faculty as preceptors for the student. The student is exposed to the contemporary methods of pharmacy practice in the community setting. P: PPR 551.
- PPR 582 Extended Care Services Clerkship (4-8) I, II, S**
Part-time clerkship (160 hours) in which the Pharm.D. candidate will have the opportunity to develop clinical skills and apply knowledge in the pharmaceutical sciences to benefit patient care in the community, long-term setting. The student will be provided the opportunity to work

with community health care providers and develop competency in the safe and rational use of drugs in this setting. P: PPR 550.

- PPR 583 Drug Information Clerkship (4-8) I, II, S**
A four-week clerkship experience in the Drug Information Center during which the Pharm.D. candidate acts as a primary provider of drug information under the direction of the Director of the Drug Information Service. Emphasis within the rotation placed on properly receiving drug information requests, conducting a systematic literature search, and assimilating information obtained from various sources into an appropriate response. The Pharm.D. candidate becomes familiar with available drug information reference sources as well as how to critically evaluate such references. P: PPR 411, 551.
- PPR 586 Elective Internal Medicine Clerkship (4-8) I, II**
Continuation of PPR 592. A four to eight week, full-time rotation dealing with the practical aspects of pharmacy involvement in adult internal medicine. P: PPR 591.
- PPR 587 Elective Infectious Disease Clerkship (4-8) I, II, S**
A four-week elective clerkship offered in cooperation with the Department of Medical Microbiology at the Creighton University School of Medicine. The main site for practice is the Infectious Disease Consultant Service at St. Joseph Hospital. P: PPR 590.
- PPR 589 Elective Cardiology Clerkship (4-8) I, II, S**
A one-month rotation dealing with cardiovascular pharmacology in a patient care setting. P: PPR 551, 590, IC.
- PPR 590 Internal Medicine Clerkship I (4) I, II, S**
A full-time clerkship dealing with the practical aspects of pharmacy involvement in clinical medicine. P: PPR 411, 551.
- PPR 591 Internal Medicine Clerkship II (4-8) I, II, S**
A full-time clerkship dealing with the practical aspects of pharmacy involvement in clinical medicine. Continuation of PPR 590. P: PPR 590.
- PPR 593 Clinical Pharmacokinetics Clerkship (4-8) I, II, S**
A full-time clerkship dealing with the provision of pharmacokinetics services to patients in a hospital setting. P: PPR 411, 551.
- PPR 598 Elective Pediatrics Clerkship (4-8) I, II, S**
A four-week clerkship experience on the pediatrics ward at the Boys Town Institute. Emphasis within the rotation is placed on pathophysiology and management of disease processes seen commonly in pediatric patients. The Pharm.D. candidate acts as a member of the University Pediatric Team and is involved in patient monitoring, decisions regarding drug therapy, and provision of drug information to team members. P: PPR 590.

FACULTY — School of Pharmacy

L. KIRK BENEDICT, *Professor of Pharmaceutical Sciences* (1980); *Dean of the School of Pharmacy and Allied Health Professions* (1980-90).*

B.S., Albany College of Pharmacy, 1961; M.S., Purdue University, 1964; Ph.D., 1967.

JAMES M. CRAMPTON, *Professor of Pharmaceutical Sciences* (1958; 1965).

B.S.Pha., Creighton University, 1950; M.S., University of Florida, 1951; Ph.D., 1953.

ALEKHA K. DASH, *Assistant Professor of Pharmaceutical Sciences* (1990).

B.S., University of Jadavpur (India), 1981; M. Pharm., 1983.

EDWARD M. DESIMONE II, *Associate Professor of Pharmacy Practice* (1989); *Assistant Dean for Academic Affairs* (1989).

B.S.Pha., Temple University, 1971; M.S.Pha., 1976; Ph.D., 1977.

CHRISTOPHER J. DESTACHE, *Assistant Professor of Pharmacy Practice* (1984; 1985); *Vice-Chairman, Department of Pharmacy Practice* (1989).

Pharm.D., Creighton University, 1984.

REV. DONALD D. DRISCOLL, S.J., *Lecturer in Theology* (1987); *Jesuit Chaplain, School of Pharmacy* (1987).

B.A., St. Louis University, 1958; S.T.B., 1967; M.A., University of Notre Dame, 1968.

GARY ELSASSER, *Assistant Professor of Pharmacy Practice* (1981).

Pharm.D., University of Nebraska, 1980.

SALVATORE J. GRECO, *Professor of Pharmaceutical Sciences* (1956; 1958).

B.S.Pha., Duquesne University, 1942; Ph.D., University of Maryland, 1948.

AMY M. HADDAD, *Assistant Professor of Pharmaceutical Sciences* (1988).

B.S.N., Creighton University, 1975; M.S.N., University of Nebraska, 1979; Ph.D., 1988.

RONALD J. HOSPODKA, *Assistant Professor of Administrative and Social Sciences* (1978; 1990).

B.S.Pha., University of Nebraska, 1965; M.S., 1971; M.B.A., 1976.

KATHLEEN A. KARNIK, *Assistant Professor of Pharmacy Practice* (1985); *Chair, Department of Pharmacy Administrative and Social Services* (1990).

Pharm.D., University of Nebraska, 1980.

KENNETH R. KEEFNER, *Associate Professor of Administrative and Social Sciences* (1990).

B.S. Pha., North Dakota State University, 1964; M.S., 1969; Ph.D., 1971.

MANZOOR M. KHAN, *Associate Professor of Pharmaceutical Sciences* (1990).

M.Sc., University of Karachi (Pakistan), 1972; M.S., University of Bridgeport, 1975; Ph.D., University of Arizona Health Sciences Center, 1980.

MICHAEL C. MAKOID, *Associate Professor of Pharmaceutical Sciences* (1980).

B.S.Pha., University of Wisconsin, 1968; M.S.Pha., 1972; Ph.D., 1975.

MARK A. MALESKAR, *Assistant Professor of Pharmacy Practice* (1990).

B.S.Pha., Creighton University, 1986; Pharm.D., 1988.

PATRICK M. MALONE, *Associate Professor of Pharmacy Practice* (1990).

B.S. Pha., Union University, 1977; Pharm.D., University of Michigan, 1979.

The year appearing in parentheses after the academic rank and official position indicates the beginning of service in Creighton University. The second date, if given, indicates the year of appointment to present rank.

- LINDA K. OHRI, *Assistant Professor of Pharmacy Practice* (1988).
B.S.Pha., University of Nebraska, 1974; Pharm.D., University of Michigan, 1977.
- KELLY T. PINCUS, *Assistant Professor of Pharmacy Practice* (1990).
Pharm.D., Mercer University, 1987.
- REV. JAMES J. QUINN, S.J., *Associate Professor of Philosophy* (1953); *Director of Humanities for the Health Sciences* (1974).
B.A., St. Louis University, 1944; Ph.L., 1944; A.M., 1945; S.T.L., 1951; Ph.D., Pontifical Gregorian University (Rome), 1971.
- VICTORIA F. ROCHE, *Associate Professor of Pharmaceutical Sciences* (1982; 1986); *Chair, Department of Pharmaceutical Sciences* (1983).
B.S., Nebraska Wesleyan University, 1973; M.S., University of Nebraska College of Pharmacy, 1976; Ph.D., University of Nebraska Medical Center, 1981.
- RAYLENE ROSPOND, *Assistant Professor of Pharmacy Practice* (1988).
B.S.Pha., Creighton University, 1984; Pharm.D., University of Texas, 1987.
- ANN M. RYAN, *Assistant Professor of Administrative and Social Sciences* (1990).
Pharm.D., University of Nebraska, 1988.
- BRADLEY W. SHINN, *Assistant Professor of Pharmacy Practice* (1990).
B.S., University of Michigan, 1977; Pharm.D., University of Michigan, 1989.
- SIDNEY J. STOHS, *Professor of Pharmaceutical Sciences* (1989); *Assistant Dean for Research* (1989); *Acting Dean, School of Pharmacy and Allied Health Professions* (1990).
B.S.Pha., University of Nebraska, 1962; M.S., 1964; Ph.D., University of Wisconsin-Madison, 1967.
- KAREN A. THEESEN, *Assistant Professor of Pharmacy Practice* (1985); *Director of Continuing Education* (1988).
Pharm.D., University of Nebraska, 1980.
- ALICIA C. VANDEN BOSCH, *Assistant Professor of Administrative and Social Sciences* (1989; 1990).
B.S., University of Nebraska at Omaha, 1984; Pharm.D., University of Nebraska, 1988.
- W. WAYNE YOUNG, *Associate Professor of Pharmacy Practice* (1983); *Chair, Department of Pharmacy Practice* (1987).
B.S., Purdue University, 1970; Pharm.D., Duquesne University, 1972.

OCCUPATIONAL THERAPY PROGRAM

THE PROFESSION

Occupational therapy is a health care profession that uses “occupation” — meaning purposeful activity — as a means of preventing, reducing, or overcoming many physical, social, and emotional disabilities in people of all ages. The occupational therapist guides individuals to their maximum level of functioning within the framework of occupational performance. To do this, the occupational therapist carefully evaluates each person to determine physical and/or mental strengths and limitations. An occupational therapy program includes goal-oriented, purposeful activities and adaptive equipment to decrease limitations, build strengths, and ensure that life will be meaningful and productive.

Treatment programs vary according to each individual’s needs. Therapeutic activity is the core of occupational therapy. For example, the occupational therapist may teach a stroke patient to feed and dress himself. A cardiac patient may learn energy conservation techniques. For those with arthritis, the treatment program might include learning how to protect painful joints. Treatment for an orthopedically disabled child might include all of the above, plus teaching parents how to move and relate to their youngster. The occupational therapist assists persons with disabilities in translating disability into ability and dysfunctional occupational performance into functional capacity in self-care, work, and leisure.

ADMISSION

Applications and all supporting materials must be received by February 15 to be considered for enrollment in the following fall semester. Enrollment is limited, and meeting minimum requirements does not guarantee admission to the professional program. Admission may be denied to students who have not completed all prerequisite course work by the end of the spring semester of the year in which application is made.

Admission is based on academic and personal qualifications considered necessary for successful, competent practice as an occupational therapist. Personal interviews may be required. If interviews are required, applicants will receive specific dates once their files are complete. Final selection of applicants to be admitted shall be made by the University, which reserves the right to deny admission to any applicant for any lawful reason.

To request application forms or further information, write
Anneta Silvius, Occupational Therapy Admissions,
School of Pharmacy and Allied Health Professions,
Creighton University, 2500 California Street, Omaha NE 68178.
Telephone: 1-800-325-2830 or 1-402-280-2950.

PRE-PROFESSIONAL COMPONENT

The 60 hours of prerequisites required for entry into the Occupational Therapy Program are outlined below. Electives should be selected to emphasize a liberal arts foundation.

<i>Program Prerequisites</i>	<i>Sem. Hrs.</i>
¹ Introductory Philosophy	3
Biology	8
Chemistry Survey	3
Mathematics — College Algebra or higher level	3

English Composition	3
Speech	3
Art	3
Introductory Sociology	3
Introductory Psychology	3
Developmental Psychology	3
Abnormal Psychology	3
² Theology	6
Electives (enough to total 60 semester hours)	

60

Recommended electives include history, anthropology, foreign language, statistics, and other courses that will help to broaden student interest in themselves and others.

PROFESSIONAL CURRICULUM

The professional curriculum in occupational therapy emphasizes a problem-solving approach to development of critical thinking skills. The degree of Bachelor of Science in Occupational Therapy (B.S.O.T.) is granted to students who successfully complete a program consisting of two years of prerequisite course work followed by six semesters in the professional curriculum. Two of these semesters are clinical fieldwork placements at supervised, approved facilities. Travel will be necessary to a site outside Omaha for at least one semester of fieldwork, and the student will be required to obtain lodging and assume financial responsibility for living expenses during this period of time. Students should not plan to work while completing Fieldwork II course requirements.

In the traditional B.S.O.T. program, an occupational therapy student finishes the six-semester curriculum in three years. In the optional, accelerated program, an occupational therapy student may finish the six-semester curriculum requirement in two calendar years by using summers. One of these programs must be selected by no later than the second week of the first professional year.

Eligibility for Level II Fieldwork Experience is determined by the student's mastery of the professional curriculum. A QPA of 2.0 or better is required for Fieldwork II placement.

REQUIREMENTS FOR GRADUATION

In order to satisfy the requirements for graduation, the student must successfully complete:

- all required courses in the occupational therapy curriculum;
- a total of 150 semester hours, including the 60 semester hours of pre-occupational therapy, 62 semester hours of didactic course work, four semester hours of Fieldwork I, and 24 semester hours of Fieldwork II.

A cumulative grade-point average of not less than 2.0 is required for graduation, based on all work attempted while enrolled in the occupational therapy program.

A candidate for a degree must be determined by the faculty to be of good moral character and fit for the practice of the profession, must have paid all indebtedness to the

¹ Required of all students who will enter the program in the Fall of 1993.

² This requirement is waived for students who are admitted to occupational therapy after having completed their prerequisites at an institution other than Creighton. These students would then be required to take six additional hours of elective courses in order to replace the theology credits.

University, and must be present at the ceremonies where the degree is conferred (unless excused under University rules).

TUITION AND FEES

— See Tuition and Fees Section in this *Bulletin*.

FINANCIAL AID

— See Financial Aid Section in this *Bulletin*.

OTHER INFORMATION

Membership in professional organizations such as the American Student Commission of the Occupational Therapy Association (ASCOTA), and the Nebraska Occupational Therapy Association (NOTA) is strongly recommended.

Special fees are required for purchase of professional resource materials, fieldwork expenses, and professional liability insurance.

ACCREDITATION

The Occupational Therapy Program is accredited by the Committee on Allied Health Education and Accreditation of the American Medical Association in conjunction with the Accreditation Committee of the American Occupational Therapy Association.

CERTIFICATION

Graduates of the program will be able to sit for the national certification examination for the occupational therapist administered by the American Occupational Therapy Certification Board. After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). Many states require licensure in order to practice; however, state licenses are usually based on the results of the AOTCB Certification Exam.

LICENSURE

Where licensure and/or state regulatory laws are in effect, therapists must also follow state guidelines for such.

PLACEMENT

Program graduates may be assisted in finding employment through the placement chair of the state occupational therapy association and the American Occupational Therapy Association (AOTA).

BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY

Traditional Curriculum Sequence (Three Years). No Summers — May graduation.

First Professional Year			
<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
ANA 311 Anatomy	4	OTH 312 Psychosocial Occupational Therapy Theory II	3
ANA 312 Anatomy Laboratory	2	OTH 322 Human Development Through Occupation II	3
OTH 301 Introduction to Occupational Therapy Theory	2	OTH 331 Therapeutic Media I	2
OTH 311 Psychosocial Occupational Therapy Theory I	3	OTH 341 Neuroanatomy With Laboratory	2
OTH 321 Human Development Through Occupation I	3	OTH 370 Level I Fieldwork— Mental Health	1
OTH 370 Level I Fieldwork — Mental Health	1	or	
OTH 371 Level I Fieldwork- Pediatrics	<u>1</u>	OTH 371 Level I Fieldwork — Pediatrics	1
	15	OTH 403 Computer Applications for Allied Health Professionals	2
		PHS 303 Human Physiology	<u>5</u>
			18

Second Professional Year			
<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
OTH 351 Pharmaco- therapeutic Effects on Human Performance	2	OTH 362 Ethics in Health Care Professions	3
OTH 372 Level I Fieldwork — Physical Rehabilitation	1	OTH 373 Level I Fieldwork — Special Interest	1
OTH 413 Physical Rehabilitation Occupational Therapy Theory I	3	OTH 414 Physical Rehabilitation Occupational Therapy Theory II	3
OTH 423 Human Development Through Occupation III	3	OTH 432 Therapeutic Media III	2
OTH 431 Therapeutic Media II	2	OTH 443 Sensory Motor Theories	2
OTH 441 Kinesiology	3	OTH 463 Occupational Therapy Organization and Administration	3
OTH 451 Introduction to Research Methods	<u>3</u>	OTH 495 Independent Study in Clinical Specialty Area	<u>2</u>
	17		16

Third Professional Year			
<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
OTH 481 Level II Fieldwork — Mental Health	<u>12</u>	OTH 483 Level II Fieldwork — Physical Rehabilitation	<u>12</u>
		or	
		OTH 485 Level II Fieldwork — Pediatrics	<u>12</u>

Level I Fieldwork is practical experience which supplements the occupational therapy theory courses. Students will need to arrange for travel to clinical sites in Omaha and the surrounding area.

BACHELOR OF SCIENCE IN OCCUPATIONAL THERAPY

(2 Years — 6 Semesters)

Accelerated Program Curriculum Sequence (Two Years). Summer Classes — August Graduation

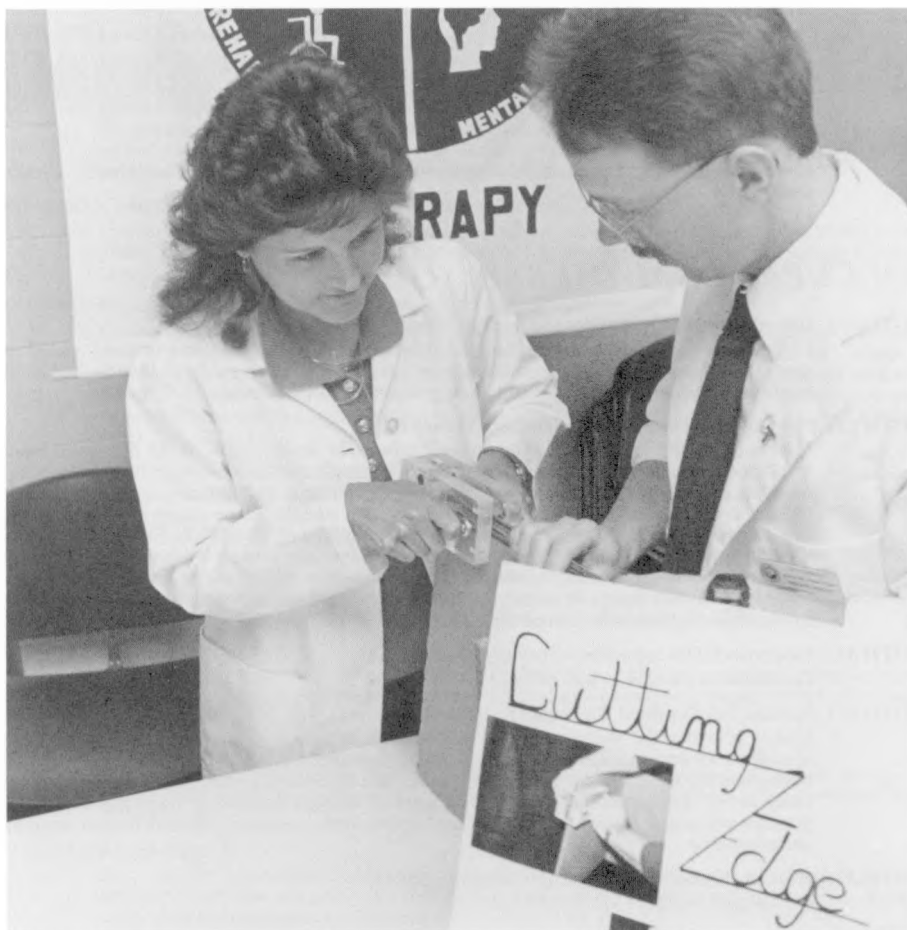
<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
ANA 311 Anatomy	4	OTH 312 Psychosocial Occupational	
ANA 312 Anatomy Laboratory	2	Therapy Theory II	3
OTH 301 Introduction to		OTH 322 Human Development	
Occupational Therapy		Through Occupation II	3
Theory	2	OTH 331 Therapeutic Media I	2
OTH 311 Psychosocial		OTH 341 Neuroanatomy With	
Occupational		Laboratory	2
Therapy Theory I	3	OTH 370 Level I Fieldwork—	
OTH 321 Human Development		Mental Health	1
Through Occupation I	3	or	
OTH 370 Level I Fieldwork —		OTH 371 Level I Fieldwork —	
Mental Health	1	Pediatrics	1
or		OTH 403 Computer Applications	
OTH 371 Level I Fieldwork—		for Allied Health	
Pediatrics	<u>1</u>	Professions	2
	15	PHS 303 Human Physiology	<u>5</u>
			18

<i>Summer Session</i>	<i>Sem. Hrs.</i>
OTH 481 Level II Fieldwork	12
— Mental Health	

<i>First Semester</i>	<i>Sem. Hrs.</i>	<i>Second Semester</i>	<i>Sem. Hrs.</i>
OTH 351 Pharmacotherapeutic		OTH 362 Ethics in Health	
Effects on Human		Care Professions	3
Performance	2	OTH 373 Level I Fieldwork —	
OTH 372 Level I Field Work —		Special Interest	1
Physical Rehabilitation	1	OTH 414 Physical Rehabilitation	
OTH 413 Physical Rehabilitation	3	Occupational Therapy	
Occupational Therapy		Theory II	3
Theory I		OTH 432 Therapeutic Media III	2
OTH 423 Human Development		OTH 443 Sensory Motor	
Through Occupation III	3	Theories	2
OTH 431 Therapeutic Media II	2	OTH 463 Occupational Therapy	
OTH 441 Kinesiology	3	Organization and	
OTH 451 Introduction to		Administration	3
Research Methods	<u>3</u>	OTH 495 Independent Study in	
	17	Clinical Specialty Area	<u>2</u>
			16

<i>Summer Session</i>	<i>Sem. Hrs.</i>
OTH 483 Level II Fieldwork— Physical Rehabilitation	12
or	
OTH 485 Level II Fieldwork— Pediatrics	12

Level I Fieldwork is practical experience which supplements the occupational therapy theory courses in this semester. Students will need to arrange for travel to clinical sites in the Omaha area.



Occupational Therapy students work together to construct and demonstrate use of adaptive equipment designed to assist the physically challenged in independent occupational functions.

COURSE DESCRIPTIONS

FOUNDATION COURSES

The following courses are required in the Occupational Therapy program. They are offered by Creighton schools or colleges other than the School of Pharmacy and Allied Health Professions.

ANA 311 Basic Human Anatomy (4) II

Course designed to provide an overview of gross, histological, neuroanatomical and embryological aspects of the human body. A systemic, rather than regional approach is used. Dissected cadaver specimens and anatomical models are available as learning aids.

ANA 312 Human Anatomy Laboratory (2) II

Course is an adjunct to ANA 311. Emphasis on relationship of musculo-skeletal system to function. Students will dissect major vessels, nerves, muscles and viscera in each region of the body. CO: ANA 311.

PHS 303 Physiology (5) I

Course designed for nursing and pharmacy students and for students in related health-science areas. P: BIO 211, 212; CHM 151.

OCCUPATIONAL THERAPY (OTH)

OTH 301 Introduction to Occupational Therapy Theory (2) I

Course provides an overview of the professional foundations for current practice related to medical/professional terminology, philosophy, models of practice, scope of practice, and steps involved in the occupational therapy process as outlined in the Standards of Practice.

OTH 311 Psychosocial Occupational Therapy Theory I (3)

Course offers the psychosocial and cultural aspects of development of the individual from childhood through senescence with emphasis on life stage changes and adaptations influencing occupational role functions. Content follows the continuum of the practice of occupational therapy in mental health. Frames of reference/practice models will be reviewed as each serves to guide the selection of assessments and methods of treatment. Exploration of the use of self as a therapeutic agent, group process, and systems management in order to prepare students with an understanding of the occupational therapy process as it applies to clinical practice. Course progression moves from a developmental review of life stages to the influence of the function-dysfunction continuum on occupational performance.

OTH 312 Psychosocial Occupational Therapy Theory II (3)

Continuation of OTH 311. P: OTH 311.

OTH 321 Human Development Through Occupation I (3)

Course provides the student with an introduction to human performance by studying the emergence of occupational performance and performance components and how these change throughout the lifespan in relation to life space, life tasks and life roles. Information presented using the developmental and human development through occupation frames of reference. Students will practice using the basic skills of observation, assessment, documentation, analysis and adaptation.

OTH 322 Human Development Through Occupation II (3)

Continuation of OTH 321. P: OTH 301, 321.

OTH 331 Therapeutic Media I (2)

Theory and application of skills necessary in the management of physical and psychosocial dysfunction associated with self-care, work and leisure skills. Course allows the student to explore and develop skill in structured, unstructured, and tool-based media. P: OTH 301, 311.

OTH 341 Neuroanatomy With Laboratory (2)

Goal of the course is to assist the student in learning the major structural and functional features of the central nervous system. Format includes lecture, laboratory, including the study of external morphology of the brain and spinal cord, and demonstration including written and/or video-taped

patient problems which correlate the didactic material presented to commonly seen clinical situations. P: ANA 311, 312.

OTH 351 Pharmacotherapeutic Effects on Human Behavior (2)

Utilization of knowledge of physiology and neuroanatomy to develop an understanding of the effects of medication on human performance throughout the life span within the context of various physical and mental dysfunctions. Designed to develop an understanding of substance abuse, drug interactions, drug compliance, age and dosage recommendations. P: OTH 311, 341; PHS 303.

OTH 362 Ethics in the Health Care Professions (3)

Examination of the moral dimensions of the role of the professional in contemporary society. Emphasis on the professional-client relationship and the professional's social obligations. Specific moral problems and ethical decision making.

OTH 370 Level I Fieldwork I — Mental Health (1)

OTH 371 Level I Fieldwork I — Pediatrics (1)

OTH 372 Level I Fieldwork I — Physical Rehabilitation (1)

OTH 373 Level I Fieldwork I — Special Interest (1)

Participation in a variety of supervised clinical settings for the purpose of learning the application of the roles and functions of practicing occupational therapists. Observation in community psychiatric, pediatric, physical rehabilitation and special interest settings.

OTH 403 Computer Applications for the Allied Health Professions (2)

Course covers master word processing, spreadsheet, database, and telecommunications programs. Demonstrations of special adaptations of computers for persons with disabling conditions.

OTH 413 Physical Rehabilitation Occupational Therapy Theory I (3)

Course designed to provide the student with an overview of the effects of acute and chronic disability on the individual performance of those functions of self-care, work, and leisure. Emphasis on the impact of specific disease processes and conditions on occupational performance. Designed to familiarize the student with all aspects of the occupational therapy process associated with practice in the context of physical rehabilitation. P: ANA 311, 312; PHS 303; OTH 312, 322, 341.

OTH 414 Physical Rehabilitation Occupational Therapy Theory II (3)

Continuation of OTH 413. P: OTH 413, 441.

OTH 423 Human Development Through Occupation III (3)

Continuation of OTH 322. Course provides an overview of gerontic occupational therapy. Presentation of an understanding of the needs and characteristics of older persons from a holistic perspective considering the older individual as a biopsychosocial unit. Practice in the basic skills of observation, assessment, documentation, analysis and adaptation. P: OTH 312, 322.

OTH 431 Therapeutic Media II (2)

A problem-solving process designed to evaluate daily living skills and positioning needs of the physically challenged. Fabrication and selection of adaptive equipment applied to selected case studies. P: ANA 311, 312; OTH 322, 331.

OTH 432 Therapeutic Media III (2)

A problem-solving process utilized to determine the need for prosthetic and orthotic devices. Students will participate in the evaluation of functional use and fabrication of hand orthoses. P: OTH 413, 431.

OTH 441 Kinesiology (3)

Study of the musculoskeletal system with special emphasis on body movement and the application of laws and principles that govern movement. Principles and applications of the range of motion measurement and manual muscle testing. P: ANA 311, 312; OTH 341.

OTH 443 Sensory Motor Theories (2)

Review of the fundamentals of sensory motor assessment and treatment using sensory integrative, neurodevelopmental, physiological and neuromuscular facilitation theories. Case presentations utilized in the analysis and synthesis of treatment plans. P: ANA 311, 312; PHS 303; OTH 322, 341, 441.

OTH 451 Introduction to Research (3)

Examination and review of the relationship between theory, research, and literature. The research literature will be tested for internal and external validity. Critique of instrumentation used in research as applied to occupational therapy clinical problem solving will serve as a basis for a study. This study will focus on identifying a research question relative to occupational therapy treatment, surveying the literature, and developing a research proposal.

OTH 463 Occupational Therapy Organization and Administration (3)

Comprehensive program and facility planning is addressed with emphasis on cost analysis, quality assurance, and reimbursement of health care. Study of current challenges for the occupational therapist manager.

OTH 481 Fieldwork II - Mental Health (12)

Level II fieldwork experience provides the student with a twelve-week clinical placement in a mental health setting. This clinical rotation is designed to challenge the student to apply theories of human occupation to clinical practice. This opportunity allows for development of professional qualities and behaviors such as individual initiative, punctuality, responsibility and resourcefulness, dependability, the ability to relate openly and effectively on a professional level. P: OTH 312, 322, 331, 370.

OTH 483 Fieldwork II — Physical Rehabilitation (12)

Level II fieldwork experience provides the student with a twelve-week clinical placement in a physical rehabilitation setting. This clinical rotation is designed to challenge the student to apply theories of human occupation to clinical practice. This opportunity allows for development of professional qualities and behaviors such as individual initiative, punctuality, responsibility and resourcefulness, dependability, the ability to relate openly and effectively on a professional level. P: OTH 312, 322, 331, 370.

OTH 485 Fieldwork II — Pediatrics (12)

Level II fieldwork experience provides the student with a twelve-week clinical placement in a pediatric setting. This clinical rotation is designed to challenge the student to apply theories of human occupation to clinical practice. This opportunity allows for development of professional qualities and behaviors such as individual initiative, punctuality, responsibility and resourcefulness, dependability, the ability to relate openly and effectively on a professional level. P: OTH 312, 322, 331, 370.

OTH 495 Independent Study in Clinical Specialty Area (2)

Course designed to allow the student to pursue a clinical area of choice for in-depth learning through guided study by faculty in a specialty area; literature review related to clinical specialty; small group discussion and problem solving; and participation simultaneously with fieldwork experience in the clinical area of choice. P: OTH 312, 322, 362, 403, 414, 423, 432, 443.



FACULTY

- RICHARD V. ANDREWS, *Professor of Physiology* (1958; 1972).
B.S., Creighton University, 1958; M.S., 1959; Ph.D., University of Iowa, 1963.
- L. KIRK BENEDICT, *Professor of Pharmaceutical Sciences* (1980); *Dean of the School of Pharmacy and Allied Health Professions* (1980).
B.S., Albany College of Pharmacy, 1961; M.S., Purdue University, 1964; Ph.D., 1967.
- SHIRLEY BLANCHARD, *Adjunct Assistant Professor of Occupational Therapy* (1990).
B.S.O.T., Virginia Commonwealth University, 1975; M.S., University of Nebraska at Omaha, 1981.
- JAMES M. CRAMPTON, *Professor of Pharmaceutical Sciences* (1958; 1965).
B.S.Ph., Creighton University, 1950; M.S., University of Florida, 1951; Ph.D., 1953.
- CATHERINE A. FOX, *Assistant Clinical Professor of Occupational Therapy* (1990).
B.S.O.T., Medical College of Virginia, 1982; M.S.Ed., Johns Hopkins University, 1989.
- MARLA DITTMAN, *Adjunct Assistant Professor of Occupational Therapy* (1986).
B.S.O.T., University of Kansas, 1976.
- REV. DONALD D. DRISCOLL, S.J., *Lecturer in Theology* (1987); *Jesuit Chaplain, School of Pharmacy* (1987).
B.A., St. Louis University, 1958; S.T.B., 1967; M.A., University of Notre Dame, 1988.
- LINDA GABRIEL, *Assistant Professor of Occupational Therapy* (1988).
B.S.O.T., University of Kansas, 1973; M.A., University of Nebraska at Omaha, 1983.
- HELENE GOLDSTEIN, *Assistant Professor of Occupational Therapy* (1987; 1990).
B.S.O.T., Colorado State University, 1976.
- PATRICIA A. GROMAK, *Assistant Clinical Professor of Occupational Therapy* (1985; 1990).
B.A.O.T., College of St. Catherine, 1965; M.A., University Without Walls International College, 1984.
- AMY HADDAD, *Assistant Professor of Pharmaceutical Sciences* (1988).
B.S.N., Creighton University, 1975; M.S.N., University of Nebraska, 1979; Ph.D., 1988.
- MICHAEL J. LOHMAN, *Assistant Professor of Occupational Therapy* (1990).
B.S.O.T., University of Kansas, 1975; M.Ed., Northeast Louisiana University, 1987.
- THOMAS H. QUINN, *Associate Professor of Anatomy* (1977; 1984).
B.A., Creighton University, 1972; M.S., 1973; Ph.D., University of Nebraska-Lincoln, 1981.
- CLAUDIA PEYTON RUNYON, *Assistant Professor of Occupational Therapy* (1987); *Chair, Department of Occupational Therapy* (1987).
B.S.O.T., Loma Linda University, 1980; M.S.Ed., University of Southern California, 1985.
- WAYNE STUBERG, *Instructor in Neuroanatomy* (1987).
B.S., R.P.T., University of Nebraska Medical Center, 1977; M.S., 1980; Ph.D., 1989.
- LINDA SVATORA, *Adjunct Assistant Professor of Occupational Therapy* (1987).
B.S.O.T., University of Missouri at Columbia, 1977; M.B.A., University of Nebraska, 1986.
- JOAN YOUNG, *Adjunct Assistant Professor of Occupational Therapy* (1990).
B.S.O.T., Texas Woman's University, 1976.

TUITION AND FEES

Ordinarily tuition and fees and board and room charges are payable in advance for an entire semester or summer session¹ (see Financial Arrangements). All rates are subject to change without notice.

Application for admission fee	\$ 20.00
Enrollment reservation deposit for students when admitted to Pharmacy and Allied Health Professions (credited to tuition)	300.00
Tuition per semester for full-time program in Pharmacy or Allied Health Professions (rate effective June 1990)	4,006.00
Tuition per semester-hour credit when per-credit hour rate is applicable, and only with the permission of the Assistant Dean for Academic Affairs (See Tuition Assessment — page 66):	
a. Courses numbered below 600	250.00
b. Courses numbered 600 and above	250.00
Student Health Insurance Premium for six months	²288.00
University Fee	127.00
<i>Full-time students</i> (in a semester) are not subject to registration or laboratory fees, but are subject to all non-recurring, penalty, and special service fees and to extra tuition when registering for credit hours beyond the normal full-time limitation.	
<i>Part-time students</i> (students registering for less than 12 credit hours in any semester) and all summer session students are charged tuition on a per-credit-hour basis and are subject to registration, laboratory, and any other applicable fee among the following:	
Laboratory fee — biology for each lab course	28.00
Laboratory fee — chemistry for each lab course:	
a. Courses numbered below 200	28.00
b. Courses numbered 200 and above	35.00
Laboratory fee — physics for each lab course	28.00
<i>Any student, full- or part-time,</i> may be subject to the following nonrecurrent, penalty or special service fees in any semester or summer session when applicable:	
Late registration fee (not applicable in summer session)	35.00
Late payment fee (See Financial Arrangements — page 53)	
Change of course fee for each add	5.00
Special examination/evaluation fee for each examination or other learning assessment	15.00
Recording fee for each credit hour awarded on basis of examination or other special learning assessment	10.00
Transcript fee ³ for each transcript	2.00
Board rate and room rate per semester (see pages 16-17)	

The tuition charges for courses audited are one-half (50%) of the regular per-credit-hour rate when the per-credit-hour rate is applicable.

- 1 Registration is not complete until financial arrangements have been made.
- 2 This charge for each full-time student may be waived if the student presents evidence that he or she carries insurance that provides coverage at least comparable to the student insurance offered by the University.
- 3 Transcripts, diplomas, and grade reports are released only when all outstanding balances have been paid.

Loss or damage to University property and equipment and excessive use of laboratory materials are charged to the student or students responsible.

Property and equipment, including library books, military uniforms, laboratory apparatus, etc., loaned to a student for use during a period of instruction must be returned by the time specified. In case of delinquency, grade reports, transcripts, and diplomas shall not be released until proper return or restitution is made.

Extra Costs

Students are expected to bear the costs of malpractice insurance, name tags, laboratory coats, or other incidentals necessary for a program, laboratory, or clerkship. Students assigned to clinical rotation sites that are outside Omaha will have to bear any additional costs of transportation and/or board and room.

In estimating the overall costs one should include allowances for personal expenses, including such items as clothes, laundry and dry cleaning, recreation and entertainment, transportation, etc. These costs will vary greatly among students. Books and school supplies average about \$325 per year. The Pharmacy internship registration fee in Nebraska is \$40.

FINANCIAL ARRANGEMENTS

Tuition and fees and board and room charges are payable at the time of registration for a semester. However, arrangements may be made to pay monthly installments by using the University's Monthly Electronic Transfer (MET) plan. Participation in this plan will be limited to the unpaid balance after all financial aid credits have been applied. Folders describing the payment plans and services of MET are mailed to prospective and returning students during the summer.

Books and supplies may be purchased at the Campus Store. These items must be paid for when they are obtained.

Students are invited to pay tuition and other expenses by personal check or money order. *This is recommended especially to avoid the risk involved in carrying large amounts of cash.* All students, particularly those from out of town, are urged to establish checking accounts in Omaha or hometown banks. The University will ordinarily cash small checks for students. However, it reserves the right to revoke or to deny this privilege to any individual at any time. There is a \$200 limit for each student per day at the Business Office.

Late Payment Policy

A late payment fee will be added to charges assessed at registration that remain unpaid after the period for late registration. This fee is \$50 for the first month and an additional \$25 for each subsequent month that the account remains unpaid. Accounts with unpaid balances under \$500 will be subject to a \$50 fee the first month and \$15 each month thereafter.

Students with questions regarding their financial responsibilities are invited to contact the Business Office to set up an appointment for individual counseling.

WITHDRAWALS AND REFUNDS

Students withdrawing before the end of a semester will be charged tuition and recurring fees on the following basis:

<i>Period of attendance from date of enrollment</i>	<i>Percent of the semester rate to be charged</i>
During the first week	10%
During the second week	20%
During the third week	40%
During the fourth week	60%
During the fifth week	80%
During five weeks	100%

Students withdrawing before the end of a summer semester will be charged tuition and recurring fees on the following basis:

<i>Period of attendance from date of enrollment¹</i>	<i>Percent of the session rate to be charged</i>
One or two class days	10%
Three through seven class days	40%
Eight through twelve class days	80%
Over twelve class days	100%

Students withdrawing before the end of the Pre-Session will be charged tuition and recurring fees on the following basis:

<i>Period of attendance from date of enrollment¹</i>	<i>Percent of the session rate to be charged</i>
One or two class days	10%
Three through five class days	40%
Six or seven class days	80%
Eight or more class days	100%

Refunds of room rent for withdrawals will be on the same basis as refunds of tuition.

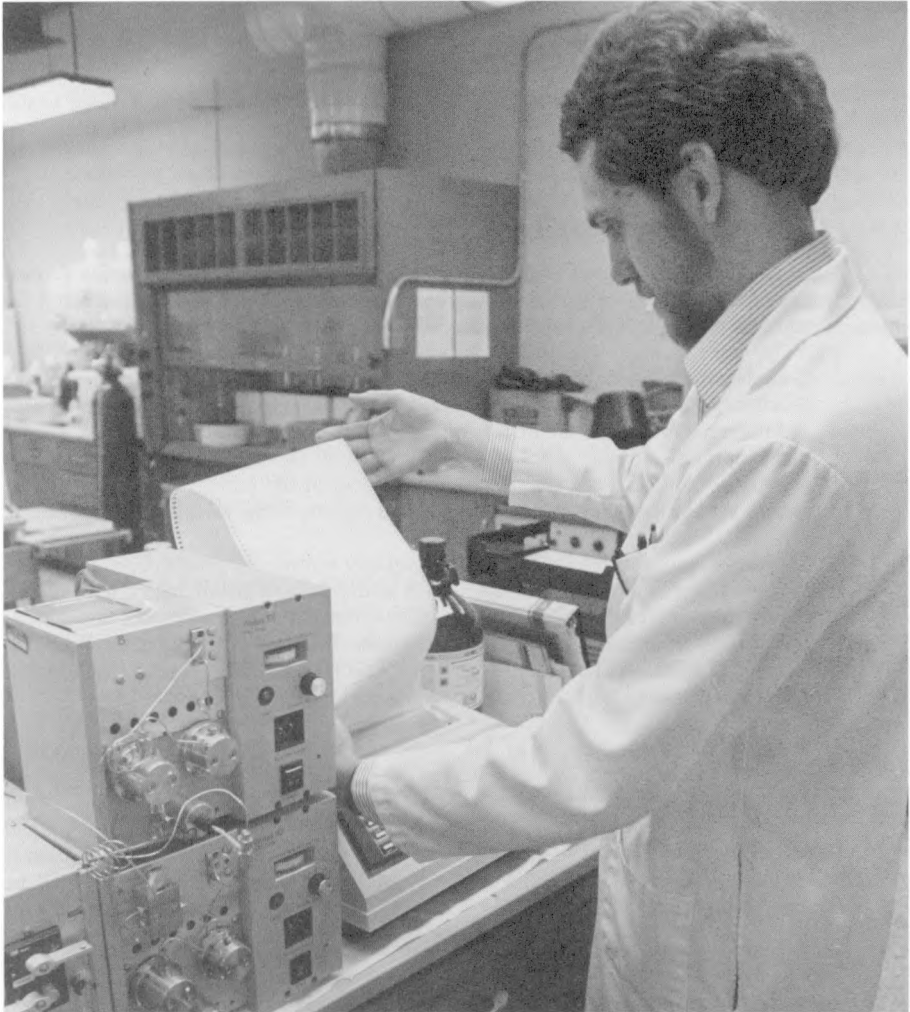
Non-recurring fees, the application fee, the registration fee, and penalty fees will be charged in full, regardless of the period of attendance.²

Full-time students who drop courses after the last day for late registration but remain full-time (12 or more credit hours) receive no refund. If a full-time student drops to part-time status, refund of the difference between the full-time tuition charge and the per-credit-hour charge for the courses being continued will be made in accordance with the schedule applicable in the event of total withdrawal. Students assessed tuition per credit hour, including part-time students, graduate students and students in a summer session, will be charged for courses dropped in accordance with the schedule applicable in the event of total withdrawal.

1 Class day is any day of the term when any class is in session, regardless of whether or not a specific course is scheduled to be held on that day.

2 The nonrecurring, penalty, and special service fees include late registration, University fee, late payment, change of course, special examination/evaluation, challenge examination, recording, and transcript fees.

A student will be considered as having withdrawn from the University after two consecutive weeks of unexplained absence. However, this policy is not to be considered as revoking the regulation which requires a student to notify the Dean in person or in writing of his/her withdrawal. *Refunds are made to the student on the basis of the date he/she has formally notified the Dean in person or in writing of his/her withdrawal.*



Pharmacy students can conduct a wide variety of research projects under the direct supervision of the faculty.

STUDENT FINANCIAL AID

Financial aid available for pharmacy and allied health professions students is described below. Students wishing financial aid should review this material and familiarize themselves with the various programs. Student financial aid is not available for students who are not citizens or permanent residents of the United States or its possessions. Financial aid benefits previously granted to undergraduates do not necessarily extend into the School of Pharmacy and Allied Health Professions or other professional schools. Students who have a previous bachelor's degree will be considered for financial aid; however, funding is much more restricted.

All forms and information regarding financial aid for pharmacy and allied health professions students should be directed to the Student Financial Aid Office, Creighton University, 2500 California St., Omaha, NE 68178-0062, (402) 280-2731.

APPLICATION PROCEDURES

1. Apply for admission to Creighton's School of Pharmacy and Allied Health Professions. No financial aid commitment can be made until a student is accepted for admission.
2. Complete the Financial Aid Form (FAF). This application is produced by the College Scholarship Service (CSS) and is normally available at high school guidance offices and university financial aid offices after November 1. This form is sent to CSS and takes approximately four weeks to process. Students should not complete or mail this application to CSS until after January 1. Copies of the parents' and students' tax returns are required and should be forwarded directly to the Financial Aid Office.
3. Students who have attended other postsecondary institutions prior to Creighton must forward a Financial Aid Transcript to each institution and insure that each institution returns the completed form to Creighton. These forms are required even if no financial assistance was received from other institutions. **NO DISBURSEMENT WILL BE AUTHORIZED UNTIL ALL FINANCIAL AID TRANSCRIPTS ARE RECEIVED.** This form can be obtained from the Creighton Financial Aid Office.
4. Students are notified by an award letter, which must be signed and returned to Creighton if the student wishes to accept the aid offered.

It is recommended that application for financial aid be made between January 1 and March 1 preceding the fall semester in which one plans to enroll. Early application is desirable in order to insure the availability of funds. However, no student will be considered for or granted financial aid until that student is accepted by the University for admission and/or in good standing with the University.

DEADLINES FOR APPLICATION AND REVISIONS

1. April 1 — Application (FAF) for fall semester.
2. April 1 — Deadline for summer financial aid applications.
3. May 1 — First day to apply for Stafford Student Loans for the fall semester.

DISBURSEMENT AND USE OF AWARDS

All financial aid advanced by Creighton University must be used to pay tuition, fees, and University board and room charges before any other direct or indirect educational costs. The stated limits refer to the maximum amount of a loan or grant; the specific amount awarded will be governed by the need of the student and by the funds available at the time of application. Ordinarily, one half of the total annual award will be available at the fall and spring registration.

Satisfactory Academic Progress

The Education Amendments of 1980 require Creighton University as an institution of higher learning to define and monitor standards of satisfactory academic progress for students receiving Federal financial aid. These standards are established for students who are receiving Federal Title IV financial aid from one or more of the following programs: (1) Pell Grant, (2) SEOG — Supplemental Educational Opportunity Grant, (3) SSI — State Student Incentive Grant, (4) CWS — College Work-Study, (5) NDSL — National Direct Student Loan, (6) Stafford Loan, (7) PLUS/ALAS — Parents Loan to Undergraduate Students/Auxiliary Loan to Assist Students.

Standards of satisfactory academic progress are established for two reasons: (1) To encourage students to meet and maintain the University's minimum academic standard or QPA and (2) to insure that students progress toward a degree by completing a minimum number of credit hours each academic year.

Qualitative Measurement

A student enrolled in a program of study offered by the School of Pharmacy and Allied Health Professions must maintain a cumulative 2.0 G.P.A. which is evaluated at the end of each spring semester.

Quantitative Measurement

An undergraduate student enrolled in the School of Pharmacy and Allied Health Professions may receive financial aid up to the following credits or until obtaining the intended degree, whichever comes first. A student must receive credit for a minimum of 75 percent of the total number of credits attempted. This will be monitored on a cumulative basis each semester. Grades of AF, F, NP, UN, WF, X, incompletes, and withdrawals will not count as credits earned.

An undergraduate enrolled in the Bachelor of Science in Pharmacy program may receive financial aid up to 162 undergraduate credits or until the program is completed. Students enrolled in a bachelor's degree program in the Allied Health Professions may receive financial aid up to 150 credits or a bachelor's degree, whichever comes first. Students enrolled in the Doctor of Pharmacy Program who have a B.S. in Pharmacy may receive financial aid up to 89 credits or until the Doctor of Pharmacy degree is received, whichever comes first. Students who track from the B.S. in Pharmacy to a Doctorate in Pharmacy may receive financial aid up to 158 credits or until the Doctor of Pharmacy is received, whichever comes first.

Financial Aid Termination/Reinstatement of Aid

Following the student's failure to meet the above criteria, the student's financial aid will be terminated until such time as the minimum cumulative standards have been met. Students may also use summer courses (at their expense) to reinstate their eligibility for financial aid.

Appeal

If extenuating circumstances have affected a student's progress, a written appeal outlining the reason(s) for failure as well as appropriate third party documentation will be required. The following circumstances may qualify for a legitimate appeal:

1. Student illness — requiring physician's care (in excess of two weeks).
2. Major illness or death in the student's immediate family (spouse, mother, father, brother, sister, child, grandparents).

Academic Program/Degree Change

If a student changes his/her academic program or degree, the maximum course credits of eligibility will be re-evaluated.

Incompletes

It is the student's responsibility to notify the Financial Aid Office when "incompletes" have been completed satisfactorily. Credit may then be given toward a student's total completed hours.

Transfer Students

Credit hours transferred to Creighton University will be monitored from the point of enrollment at Creighton. The number of credits accepted by Creighton from another institution(s) will be added to the credits attempted at Creighton.

Repeating Courses

Should a student repeat a course in which a grade of AF, F, NP, UN or W was received, and earn credit for it (thereby eliminating the previous grade), the newly earned credit hours will be applied in calculating the student's academic progress.

GOVERNMENT GRANTS AND SCHOLARSHIPS

Pell Grant

The Pell Grant program is a Federal student aid program designed to assist students in defraying the cost of postsecondary education. The purpose of the Pell Grant is to provide eligible students with a foundation of financial aid. Students with a prior degree or those in the Pharm.D. program are not eligible for Pell Grant.

To apply for a Pell Grant, a student must complete and submit a Financial Aid Form (FAF). In approximately four to six weeks, a Student Aid Report (SAR) will be received by the student. All three copies of the SAR must be submitted intact to Creighton's Financial Aid Office immediately in order to determine the amount of the grant awarded. The grant award may be as high as \$2,300 per academic year, depending on Federal appropriations.

Supplemental Educational Opportunity Grant (SEOG)

The SEOG is awarded to students demonstrating financial need. Grants vary annually depending upon the amount allocated by the government and the student's need. The SEOG program is for undergraduate pharmacy students who are working toward their first baccalaureate degree and who demonstrate academic promise and are capable of maintaining good academic standing.

Nebraska State Scholarship Award Program (SSAP)/Student Assistance Program (SAP)

If you are a resident of Nebraska and can demonstrate substantial financial need, existing legislation allows persons attending a post-secondary institution to be eligible for this program. Due to limited funding in these programs, students at Creighton who were prior recipients of this program will receive first priority if they still meet the financial qualifications.

Exceptional Financial Need Scholarship

The purpose of this program is to provide financial assistance without a service obligation in order to encourage students of exceptional financial need to pursue a career in pharmacy.

A student must be enrolled full time in an area of health professions and demonstrate an exceptional financial need by completing an approved need analysis form (FAF). A student may have only limited resources available other than summer savings and/or loans to qualify for consideration. A student is required to report all FAF information including parents' income regardless of the student's taxable status. A copy of the parents' tax form is **required** and must be submitted to the Financial Aid Office. The number of scholarships provided depends upon Federal appropriations each year.

Indian Fellowship Program (Native American)

The Indian Fellowship Program is authorized by the Indian Education Act of 1972. It provides fellowships to Indian students pursuing graduate study in medicine or related fields, and in other designated fields of study. A fellowship may be awarded for up to four years and provides tuition, fees, books, supplies, a monthly stipend and dependency allowance.

Eligible applicants are qualified Indian students or prospective students. The purpose of the award is to enable Indian students to pursue a course of study of not more than four academic years leading toward a post-baccalaureate degree or an undergraduate degree in designated fields of study. The deadline for application is late January, prior to the following fall enrollment. For an application, contact: Indian Fellowship Program, Office of Indian Education, U.S. Office of Education, 400 Maryland Avenue, S.W., Washington, D.C. 20202. Telephone (202) 245-2975.

UNIVERSITY GRANTS AND SCHOLARSHIPS

Creighton University Grant (CUG)

Depending on your financial need, Creighton awards grants that are renewable as long as documented financial need continues. The grant may not be received beyond the normal course curriculum required for a Bachelor of Science in Pharmacy or Occupational Therapy. Each year a new Financial Aid Form (FAF) should be filed by April 1 to qualify for grants for the following academic year. Students must be enrolled full-time and working toward their first baccalaureate degree to qualify.

Centennial Scholarships

In recognition of Creighton's 1978 Centennial, a freshman scholarship fund was established. Centennial Scholars are selected for proven scholastic ability and demonstrated financial need. A Centennial Scholarship is available only to students who have been previous recipients of such assistance during the academic year prior to enrollment in the

School of Pharmacy. The scholarship is renewable for up to four undergraduate years providing performance matches ability, and financial need is demonstrated by the Financial Aid Form (FAF). Centennial Scholarships are not awarded to students in their fifth year at Creighton.

PHARMACY SCHOLARSHIPS

Below is a listing of scholarships available to students in the School of Pharmacy and Allied Health Professions. Application can be made through the School of Pharmacy and Allied Health Professions. The selection of the recipients and designation of the amount of aid granted is left to the discretion of the School.

Burroughs Wellcome Scholarship
Lloyd H. and Matilda A. Castle Memorial Scholarship
Druggists Mutual Insurance Company Scholarship
Jane Ghiglieri Memorial Scholarship
K Mart Corporation Scholarship
National Association of Chain Drug Stores Scholarship
Upjohn Pharmacy Scholarship
Walgreen Company Scholarship

Additionally, there are a limited number of academic and need-based scholarships which vary from year to year. Details on these scholarships are available from the Dean's Office.

LOAN PROGRAMS

Long-Term Loans

A loan is a type of financial aid that is repaid per the terms of the promissory note. All first-time Creighton students must attend a loan counseling session before a Stafford or SLS check may be disbursed. Also, HPSL and Perkins recipients must return the Rights/Responsibilities Statement sent with the Award Notification. Finally, all HPSL, Perkins, and/or Stafford/SLS borrowers must have an exit interview with the Business Office or Financial Aid Office prior to leaving Creighton.

Health Professions Student Loan (HPSL)

To qualify for assistance under this program a student must demonstrate financial need. The maximum loan that may be awarded per academic year is \$2,500 plus tuition. The average annual award at Creighton is \$3,500. Interested students must complete the Financial Aid Form and in all cases parents' financial aid information must be included regardless of dependency status. A copy of the parents' tax form *is required* and must be submitted to the Financial Aid Office. No awards may be made to a student under this program unless parents' information is provided. The loan is repayable over a ten-year period, which begins one year after the student ceases to pursue a full-time course of study. The loan carries an interest rate of five percent which does not start to accrue on the principal until repayment commences.

Interest shall not accrue on the loan, and installments need not be paid during the following periods: (1) while serving on active duty as a member of a uniformed service of the United States for up to three years; (2) while serving as a volunteer under the Peace Corps Act for up to three years; and (3) while pursuing advanced professional training, including internships and residencies.

Perkins Loan (formerly National Direct Student Loan)

This program offers a five percent loan to students demonstrating a financial need. Students may borrow a maximum of \$9,000 for their total curriculum of study. The total of \$9,000 will include any other National Direct Student Loan money that one may have received previous to enrollment in Creighton's School of Pharmacy and Allied Health Professions. The average annual award at Creighton is \$1,700. The principal and accruing interest will commence six months after one ceases to be at least a half-time student. There are various types of deferments for which payment and interest are deferred: (1) Volunteer services in a private, non-profit, VISTA or Peace Corps type organization; (2) Service as an officer in the U.S. Public Health Service Commissioned Corps; (3) Temporary total disability; (4) Service in an internship preceding a professional practice, and (5) Up to three years while serving in the Armed Forces.

The above regulations are effective on all NDSL loans made on or after October 1, 1980. Students receiving NDSL prior to this date may want to contact the Business Office or refer to a copy of their NDSL promissory note concerning the terms of the particular loan.

Stafford Student Loan (formerly GSL)

The Stafford Student Loan is a long-term, low-interest loan provided to students to help offset their educational expenses. A student must attempt to secure this loan from an outside lender such as a bank, savings and loan association, credit union or state lending agency. A Financial Aid Form (FAF) must be filed to determine eligibility. An undergraduate student may borrow up to \$2,625 in his/her first two years and up to \$4,000 in the third and fourth years. The maximum for a Pharm.D. student is \$7,500. All maximum amounts depend upon need. The Federal Government pays interest on the loan while the student is in school. Repayment at eight percent interest begins six months after the student graduates, leaves school, or drops below half-time enrollment.

Students may be allowed up to ten years to repay the loan, depending upon the loan amount. However, the minimum yearly payment is \$600 a year unless the lender agrees to a lesser dollar amount.

No repayments are required for up to three years while serving in the armed forces, volunteer services in a private, non-profit, VISTA or Peace Corps type of organization, service as an officer in the U.S. Public Health Service Commission Corps, temporary total disability. No payments are required for up to two years in an internship preceding a professional practice. For new borrowers after July 1, 1987, there are additional deferments. See the Allied Health/Pharmacy brochure in the Financial Aid Office for a complete listing.

An insurance premium of up to three percent each year of the total loan that has to be repaid may be collected in advance under a state or private guarantee agency program. Normally the premium is collected when the lender gives you the money.

Application — If a student is eligible to receive a Stafford Student Loan, an application will be sent from Creighton with the award notice. This application and the accompanying letter, indicating lender, must be returned to the Financial Aid Office if the student wants to apply for a Stafford Student Loan. The signed award notice must also be returned to the Financial Aid Office. The application will then be forwarded to the lender indicated by the student.

NOTE: The Stafford Student Loan takes a minimum of two weeks to process. Applications should be submitted to the Financial Aid Office at least ten weeks prior to registration to ensure that the check is available at that time.

PLUS/SLS (Parents Loan to Undergraduate Students/Supplementary Loan for Students)

A parent, graduate student, or self-supporting undergraduate student may borrow from a bank, savings and loan association, credit union, or other lender, and a state or other private nonprofit agency will stand behind the loan. A parent or graduate student may borrow \$4,000 per year. A self-supporting undergraduate may borrow \$4,000 per year. The Federal Government does not pay the interest on the loan while the student is in school. The interest rate is variable, depending on the treasury-bill rate. Students and parents may defer the principal (and in some cases the accruing interest) until graduation.

Health Educational Assistance Loan (HEAL)

The HEAL Program is designed to make funds available to eligible students enrolled in the Pharmacy program. Pharmacy students are not eligible to borrow under this program until they have satisfactorily completed three years of training. After successfully completing three years, they may borrow up to \$12,500 per year to an outstanding total of \$50,000.

The funds received from this loan program must be used as under any other Federal program to meet educational expenses. There is no Federal interest subsidy under this program. The interest rate is based on current market rates of interest. Interest may be paid by the student on an ongoing basis or accrued until repayment begins nine to twelve months after formal training.

A deferment of up to three years may be granted to borrowers who have returned to full-time study at an institution of higher education, or serving in the armed forces, Peace Corps or specified programs under the action of the National Service Corps, or two years in an intern or residency program. Borrowers may take from 10 to 25 years to repay the loan once repayment commences.

This loan must be secured from an outside lender. The HEAL is a need-based program and requires the filing of a Financial Aid Form (FAF). Applications and additional information may be requested from the lender or the Financial Aid Office.

Short-Term Loans

There are various University-controlled short-term loans available to students on emergency need basis. The maximum dollar amount a student may borrow is \$500 per year to be used toward educational or emergency expenses. The loan must be repaid prior to registration for the following semester. In the case of a graduating student, it must be repaid prior to graduation.

Please note that transcripts of credits will not be released until all outstanding short-term loans are repaid in full. Generally, no short-term loans will be offered during the first three weeks of each semester and during the final week of each semester.

OUTSIDE SOURCES OF AID

National Association of Retail Druggists' Foundation

This is a loan for worthy pharmacy students provided by the National Association of Retail Druggists. The loans are restricted to pharmacy students who have satisfactorily completed at least one semester in the pharmacy program. Loans are granted in increments of \$500 per semester. There is a limit of \$1,000 on the loan amount for a school year, and a maximum limit of \$2,500 per student. The loan is interest free, and repayment starts 30 days after graduation at \$50 per month. Further information may be secured from the School of Pharmacy and Allied Health Professions.

EMPLOYMENT

College Work-Study

If you wish to earn a portion of your educational expenses and can demonstrate financial need, you may qualify for the College Work-Study program.

Eligible students are paid the Federal minimum wage per hour. They work at jobs on campus or at approved off-campus locations. The Financial Aid Office determines the number of hours you may work. Your exact work schedule should be designed flexibly so that it won't interfere with classes.

The normal Work-Study award is approximately \$1,300 and can be earned by working approximately 11 hours per week during the academic year. Students are paid twice a month. Students must assume a normal employer-employee relationship under the program.

Student Employment Services

Departments and offices on campus hire a number of students each year. Most office jobs are filled by College Work-Study students, but other jobs are also available on campus, i.e., environmental services, dormitory desk work, food service, libraries, Kiewit Fitness Center, and the Student Center.

For a listing of available on-campus and off-campus jobs, contact the student employment counselor in the Student Employment Office, Brandeis Student Center. The counselor is available to assist students in locating on- and off-campus part-time employment.

Employment, Internships, CO-OP Programs

The Career Planning and Placement Office maintains contacts for both internships and full-time jobs in the Omaha metropolitan area, as well as opportunities nationwide. Seniors may use this office to secure jobs through on-campus interviews prior to graduation. A complete job search and resume service is available to all students upon request. The Career Planning and Placement Office is located in Room BO3, Brandeis Hall.

Alumni are entitled to the same services as undergraduates.

ACADEMIC ADMINISTRATION

Section I: Introductory Material

STUDENT RESPONSIBILITY

Each student is personally responsible for completing all requirements established for his or her degree by the University, the student's College or School, and Department. It is the student's responsibility to inform himself or herself of these requirements. A student's adviser may not assume these responsibilities and may not substitute, waive, or exempt the student from any established requirement or academic standard. The University reserves the right to modify requirements at any time.

Although the University encourages the widest amount of student responsibility, with a minimum of administrative regulation, it expects each student to maintain appropriate standards in his or her academic and personal life. The University reserves the right to terminate the registration of any student who does not meet the standards acceptable to the University.

THE ACADEMIC YEAR

The academic year is divided in two semesters. The first begins in late August and ends before the Christmas holidays; the second begins in mid-January and ends in May.

There is a three-day midsemester holiday in the fall, a short Thanksgiving recess, a vacation of approximately a month between semesters, and a week in the spring. Instruction is also suspended on legal holidays.

Clinical rotation courses are offered for Pharmacy students on a three-semester, year-round basis for full-time semester credit and at regular full-time tuition rates. Offerings in the University's Summer Session are also available to Pharmacy students.

THE SUMMER SESSION

The annual Summer Session includes a three-week pre-session and two five-week terms. These offer significant opportunities to entering freshmen, to students who wish to reduce the number of semester hours taken during the regular semester, to teachers wishing to obtain credit for state certificates and/or for professional improvement, etc. A variety of short workshops and institutes on topics of current interest are part of each summer's offerings. Students may register in one, two, or all three of the basic components of the Summer Session: The Pre-session, Term 1, and Term 2. The student may earn three credits in the Pre-session and up to six semester hours of credit in each of the two five-week terms.

UNIT OF INSTRUCTION

The semester hour is the unit of instruction used for computing the amount of work required for graduation. One semester hour is equivalent to one fifty-minute period of recitation or lecture per week for one semester. Two or three fifty-minute periods of laboratory are equal to one period of recitation or lecture.

COURSE NUMBERING

Courses in the Pharmacy curriculum are numbered to correspond to the year for which offered:

- 100-199 First Professional Year of the B.S.Pha. Program.
- 200-299 Second Professional Year of the B.S.Pha. Program.
- 300-399 Third Professional Year of the B.S.Pha. Program.
- 400-499 The Doctor of Pharmacy Program and B.S.Pha. Program.
- 500-599 Doctor of Pharmacy Program.

In the Allied Health Professions programs, courses numbered 300-399 indicate the first professional year and 400-499 the second professional year of a degree program.

CLASS ATTENDANCE

Creighton University's primary obligation is the total education of her students. Implicit in the achievement of this goal will be the student's conscientious attendance of classes and laboratory sessions. Freshmen in particular will be held accountable for regular attendance.

Each teacher in the undergraduate colleges will at the start of the semester announce his or her specific procedures concerning class attendance, verification of excused absences, etc., preferably in written form. It is the student's responsibility to note these procedures and to follow them carefully. No teacher will drop the last class before or the first class after a University recess.

Officially excused absences for University-sponsored affairs must be cleared with the Academic Dean by the responsible faculty moderator.

A student who has been unavoidably absent but cannot make up the work of the course, will be permitted to withdraw without penalty. The student receives a W and no credit. A student who is dropped from a course for unexcused absences will receive the grade of AF (absence failure). Once a grade of AF has been assigned, the student is not eligible to receive a W (withdrawal).

Section II: Registration

Registration is conducted at the beginning of each semester, summer session, or other term on the days specified in the University Calendar. Early registration for continuing students is conducted in March-April for the Fall Semester and in October-November for the Spring Semester.

Students in Arts and Sciences, Business Administration, Nursing, Pharmacy and Allied Health Professions, and full-time students in University College and Graduate School receive a Schedule of Courses, Course Request Forms, and other related materials, including a specific appointment time for completing Early Registration.

Each student completing Early Registration receives a hard copy of his/her specific course/class schedule for the next semester. Students who thus have their specific class assignments in advance proceed rapidly through Final Registration, unless they seek to make changes in their course selections.

Each student must accomplish his or her registration in person. Registration by proxy will not be permitted under any condition.

Late Registration

Students registering on any days other than those designated on the University Calendar will be required to pay a late registration fee of \$35.

Auditing Courses

Students will be permitted to register as auditors only for exceptional reasons and with the explicit authorization of the Assistant Dean for Academic Affairs. Auditors are not held responsible for the work expected of regular students, are not admitted to examinations, and receive no grade or credit for the course. Regular attendance at class is expected, however, and auditors are subject to being dropped from the course for excessive absences. (In this event auditors receive a "W"). Changes in registration from credit to audit or audit to credit will not be permitted after the published deadline.

Students who have previously enrolled as auditors may not take the course for credit during any succeeding semester except by special permission of the Assistant Dean.

Charges for courses audited are one-half of the regular per credit hour tuition rate when the per-credit-hour rate is applicable. This would be the case when a student registers for less than 12 semester hours, including the credit for the course(s) audited. Special courses, workshops, and institutes offered at a special flat-rate tuition charge are excluded from the auditor discount.

Changes in Registration

Any change after the student's initial registration is permitted only with the written consent of the Assistant Dean for Academic Affairs. A \$5.00 fee is charged for each course (or section) added. Changing from one section to another of the same course does not require the Assistant Dean's permission but involves one add, and hence one \$5.00 fee. In the event a change in registration is initiated by the University authorities no fee is charged.

Change fees are due and payable immediately, and any change requiring a fee is not put into effect until the required fee has been paid.

Tuition Assessment

Tuition is assessed each semester on a flat-rate basis which allows the student in the School of Pharmacy and Allied Health Professions to enroll in classes totaling between 12 and 18 credit hours. A student may not take less than 12 credit hours per semester or more than 18 credit hours per semester unless permission is granted by the Assistant Dean for Academic Affairs.

Course Waivers

The option for course waiver allows the student to fulfill a course requirement within his or her respective professional program. However, no credit will be granted for waived courses. Courses for waiver consideration must have a grade of "C" or better awarded by an accredited institution of higher education and be taken within the last four years. Course Waiver Application Forms are available from the Office of the Assistant Dean for Academic Affairs. Application for waiver is the responsibility of the student and must be completed during the semester prior to the semester the course is scheduled. A completed Waiver Application form and a copy of the course description as it appears in the University catalog must be submitted to the Assistant Dean for review before action will be taken on the waiver application. Students may be requested to submit supporting documentation such as the course syllabus, class notes, or course examinations. The School of Pharmacy and Allied Health Professions reserves the right to accept or deny any of the courses submitted for waiver consideration.

Transfer of Credit

The Creighton University School of Pharmacy and Allied Health Professions will evaluate all hours submitted by the transfer applicant and reserves the right to accept or reject any of the credit offered for transfer.

Credit hours earned with grades of “C” or better at an accredited institution of higher education prior to admission to the Creighton University School of Pharmacy and Allied Health Professions may be transferred at the discretion of the Assistant Dean for Academic Affairs. Transcripts will be evaluated by the Assistant Dean only after a transfer student has been officially accepted for admission. In some instances, the Assistant Dean may require that the transfer student successfully complete at least one semester at Creighton, consisting of not less than twelve semester hours, before the exact amount of credit to be transferred will be permanently determined.

Credit hours are transferred but not quality points. The quality-point average of the transfer student will be determined only by work done at Creighton.

Prerequisites — Following Outlined Curriculum

No student will be allowed to register for a course until all required prerequisites are satisfied unless written permission is obtained from the Assistant Dean for Academic Affairs.

Add/Drop Courses

After the term has begun all course changes must be officially added or dropped by filling out an Add/Drop Form. Add/Drops will only be accepted during the first four weeks of the semester, must be initiated by the faculty adviser, and must be approved by the Assistant Dean for Academic Affairs.

Dropping Courses

Withdrawal from any course requires sufficient cause and may be made only with the approval of the Assistant Dean for Academic Affairs. After the first week of class (the period for late registration and change of schedule) any petition to drop a course or to change status from credit to audit must include the recommendation of the instructor(s) involved and the student’s adviser before the petition will be acted on by the Assistant Dean. Course withdrawals with a “W” may not be made later than the date posted each semester, which is approximately one week after midsemester grades are available. A student who drops a course without approval of the Assistant Dean receives “WF” for the course (failure because of unauthorized withdrawal).

Section III: Examinations and Grading

Final examinations in all courses are held at the close of each term (semester or summer session). Written tests and quizzes are held from time to time during the term, with or without previous notice to the students, at the discretion of the instructor. A student’s scholarship rating in each of his or her courses is determined by the combined results of examination and class (and laboratory) work. This rating is reported by the instructor in accordance with the following grading system:

- A indicates not only outstanding achievement but also an unusual degree of intellectual initiative
- B indicates attainment above the average

- C+ indicates upper average work
- C indicates average work
- D indicates work of inferior quality, but passing
- F indicates failure — no credit
- AF indicates failure for excessive absences
- WF indicates failure because of unauthorized withdrawal
 - I indicates work incomplete
 - X indicates absence from final examination
- AU indicates audited course only — no credit
 - P indicates pass — credit
- NP indicates not pass - no credit
- SA indicates work satisfactory
- UN indicates work unsatisfactory (failure) — no credit
 - W indicates official withdrawal from a course — no credit

SA and UN are used to report student performance in a course that does not permit regular grading. It is not an individual grading option as is P/NP, but applies to all students in the course. Credit earned with SA (Satisfactory) may be counted toward graduation but is not included in the quality-point average; however, UN (Unsatisfactory) functions as a failure in computing the quality-point average.

Incomplete and Absence from Final Examination

The I and X are marks used, as explained below, to reflect a student's irregular status at the time final end-of-term grade reports are due.

I (incomplete). A student who has failed to fulfill all requirements of a course may petition the instructor before the close of the term to assign an end-of-term mark of I indicating incomplete performance. The instructor may agree to this mark when, as a result of serious illness or other justifiable cause, the work cannot be completed by the end of the term. An I (incomplete) will not be granted to a student who has been excessively absent during the term or who has simply failed to complete the work of the course before the close of the term without an exceptionally good reason.

The responsibility for completing all course work rests with the student. The maximum time limit for clearing an incomplete is one year from the start of the course. If the incomplete is not cleared within this limit, it becomes a permanent I; and the student must reregister for and satisfactorily complete the course if credit is desired. The I carries no penalty and does not affect the grade-point average. Student records will be audited periodically and students who show a consistent pattern of I's may be placed on academic probation.

An X is given to a student who missed the regularly scheduled final examination, and the X functions as a failure until it is cleared. If the reason for absence is acceptable to the Dean, an examination must be taken as soon as possible but not later than one month from the date of the regular final examination. A permanent grade is recorded after the final examination is taken. If the examination is not taken as specified or if the reason for absence was not acceptable, the student receives an F in the course.

A student who is both incomplete and absent from the final examination will receive both an I and X (IX), which will function as a failure until cleared as specified above.

When an I or X (original entry) is cleared and a final grade, either passing or failing, is assigned, the final grade is entered on the student's permanent academic record beside the I or X and the I or X is bracketed by parentheses. Hence, these marks remain permanently on the student's record.

Pass/No Pass Option

Students who are in good academic standing (cumulative QPA of 2.0 or above) and officially enrolled in the School of Pharmacy and Allied Health Professions may elect to register for courses on a Pass/No Pass (P/NP) grading basis. Courses to be taken on a P/NP basis are selected from those elective course offerings within the University. Course prerequisites must be met.

Credit hours passed will be counted toward graduation but will not be included in the quality-point average. Likewise, an NP does not affect the QPA. The grade of "C" will be the lowest Pass grade.

The P/NP status of a student does not need to be made known to the instructor. The instructor will grade the student in the traditional manner. The final grade for the course is converted to P or NP when the student's end-of-term grade report is processed.

The deadline for signing up for P/NP is four weeks following the first day of classes. No change in status from P/NP to regular grading or vice versa will be allowed after the first four weeks of the semester.

All core curriculum classes must be taken for a grade in all programs of study within the School of Pharmacy and Allied Health Professions. Additionally all pharmacy students in the B.S.Pha. program must take six pharmacy elective hours of credit for a grade.

Grade Reports

Grade reports are made available to students each midsemester and at the end of each term (semester or summer session) in person through the Office of the Assistant Dean for Academic Affairs. A copy of the grade report is also mailed to one of the following: (1) to the parent or guardian if requested by the student; (2) to the superior of religious; or (3) to the student at the home address if the report is not mailed as indicated in (1) or (2). It should be noted that Federal law accords parents of dependent students (regardless of the student's age) the right to grade reports without prior consent of the student. After grades are submitted by the instructors, grade reports are assembled and issued by the Registrar's Office.

Quality Points

Degree candidates are not only required to complete a given quantity of hours, but must also achieve a certain quality of excellence which is determined on the basis of quality points.

Quality points are obtained by multiplying the number of hours assigned to a course by the quality-point value of the grade received in the course:

- A yields 4 points for each hour
- B yields 3 points for each hour
- C+ yields 2.5 points for each hour
- C yields 2 points for each hour
- D yields 1 point for each hour
- F, AF and WF yield no points

One's quality-point average (QPA) is based only on work taken at Creighton and is computed by dividing the total quality points earned by the total number of credit hours attempted. Thus 16 hours at straight C grades would give 32 quality points. Plainly, this QPA would be 2.00 (32 quality points earned divided by 16 semester hours attempted).

Note: The terms “quality point” and “grade point” are synonymous, as are “quality-point average” and “grade-point average.” The latter is abbreviated GPA.

Grade Appeals

The instructor has jurisdiction in determining grades; however, the student has the right to appeal a grade that the student believes to be in error. The appeal process may involve the following steps (the issue may be resolved at any level):

1. The student confers with the instructor involved.
2. The student and instructor (preferably together) confer with the chair of the department.

For all students enrolled in the School of Pharmacy and Allied Health Professions the following is the next step:

3. The student must appeal in writing to the Grade Appeals Committee and submit the appeal to the Dean. The letter should state precisely which grade(s) are being appealed. The letter should also contain any allegations which are the basis for the complaint. The burden of proof rests with the student. The student may wish to select an adviser or counselor to accompany him or her to any interviews with the committee. This is an informal proceeding. The student will be advised in writing of the outcome. A formal written grade appeal may be made not later than the third week of the following semester.

For students appealing grades in other Schools and Colleges at Creighton University the next steps should be followed:

3. The student and instructor (preferably together) confer with the Dean of the College or School to which the department is attached.
4. In rare cases, when the foregoing steps do not resolve the issue, the student may initiate a formal written appeal to the Dean. Normally, the Dean will forward such appeal to the appropriate committee for its review and recommendation. A formal appeal should not be entered upon lightly by a student, nor lightly dismissed by an instructor. A formal written grade appeal may be made no later than the sixth week of the following semester.

Repeating Courses

A student cannot repeat a course for which a final grade of C or better (including P and SA) has been earned. A student who has received a final grade of D or F (including NP or UN) in a course may repeat the course. The course to be repeated may be repeated at Creighton University through the School of Pharmacy and Allied Health Professions, or with the permission of the Assistant Dean for Academic Affairs, the course may be repeated at another, accredited institution. The student must register in the normal way for a repeated course. The repeated course and the grade earned will be entered on the student's record. The credit and quality points for the highest grade earned (one grade only) will be used to calculate the student's QPA. As with all other course work attempted, the original course entry and grade (D, F, NP, or UN) remain on the student's permanent record and will appear on any transcript issued. Similarly, courses with marks of AF, WF, AU, or W also remain permanently on the student's record. If such a course is repeated, a new course entry and grade is entered in the term in which the course is repeated.

Scholastic Standing Policy

Academic Probation occurs when one or more of the following criteria are met:

1. The student fails to earn a semester quality-point average of 2.0.
2. The student fails to maintain a cumulative quality-point average of at least 2.0.
3. The student receives a failing grade (F) or unsatisfactory grade (UN) in a required course of the curriculum.

Academic probation shall be handled by the Assistant Dean for Academic Affairs. The student will be warned of the outcomes of unsatisfactory performance, but failure to receive this warning will not excuse the student from other portions of this policy.

Students who are on probation for a second semester should schedule an appointment with the Assistant Dean for Academic Affairs within 14 calendar days of the start of the next regular semester for additional advising and counseling.

Academic Dismissal occurs when one or more of the following criteria are met:

1. The student has received three or more failing grades (F) or unsatisfactory grades (UN) in required courses of the curriculum (whether or not these courses are subsequently repeated for passing grades).
2. The student receives a second failing grade or unsatisfactory grade (UN) in the same required course of the curriculum.
3. The student earns a semester quality-point average of less than 2.0 for a third time (whether or not courses in the semesters are subsequently repeated for higher grades).

Academic dismissal means the student is immediately and automatically terminated from the program upon the reporting of the grade by the Registrar. The student who makes a written request with 14 calendar days of notification may appeal for reinstatement at the next meeting of the full faculty. Ordinarily this meeting will be held within 30 calendar days of the dismissal notification.

If the student is reinstated by the faculty, he/she should schedule an appointment with the Assistant Dean for Academic Affairs for additional advising and counseling.

Any student who is reinstated by the faculty will be dismissed again if there is another failing grade or unsatisfactory grade in a required course or another semester quality-point average of less than 2.0. There will be no appeal to the faculty after being dismissed a second time.

Section IV — Leaving the University

Withdrawal from the University

A student is considered in attendance until he or she has formally notified the University in person or in writing of his or her withdrawal.

Permission to withdraw from the University is granted by the Dean of the School of Pharmacy and Allied Health Professions. This is required as a condition of honorable dismissal. After properly filling out the withdrawal card and securing all of the necessary clearances, the student will present the withdrawal card at the Business Office where it will be countersigned and transferred to the Registrar.

The policy of considering a student as withdrawn from the University after two consecutive weeks of unexplained absence in no way is to be interpreted as allowing withdrawal without formally notifying the Dean in person or in writing of the withdrawal.

A student withdrawing from the University during any semester or summer session before the final examinations forfeits credit for work done in that term. Students who withdraw with permission of the Dean receive W on their official record; those who withdraw without permission of the Dean receive WF for all courses (failure because of unauthorized withdrawal).

Students who have decided to withdraw from school and plan to return within the following year may wish to consider the Leave of Absence Program (LOAP). For further information see LOAP below.

Withdrawals and Refunds — See Page 54.

Leave of Absence Program (LOAP)

Creighton's Leave of Absence Program is planned interruption in a student's formal educational program. It is designed for full-time undergraduate students in good standing (cumulative QPA of 2.00 or above). In this program the student voluntarily determines to step out of college for a specified period of time — for one or two semesters. A student who elects this program may desire to reevaluate his educational goals, earn additional money for his educational expenses, travel, and/or gain other practical experiences not available on campus.

The principal advantage of LOAP is that it offers a student the opportunity to leave college temporarily with the assurance that he/she will be able to return and resume his/her studies with a minimum of administrative difficulty. Because the leave is initially approved by the College and officially recognized as a leave of absence, the student is able to be away from the College and still maintain a close tie with it.

The student should request a Leave of Absence in writing to the Assistant Dean for Academic Affairs explaining why the leave is needed and for how many semesters. Students in this program are considered "on leave" by the University and will not be classified as enrolled students; however, they will be eligible for services of the Career Planning and Placement Center and limited use of library facilities.

Section V: Graduation

Full-Time Students

Students who take 12 or more semester hours of credit during a semester are considered full-time students. All students in the School of Pharmacy and Allied Health Professions are required to be registered as full-time students. However, under rare, warranted circumstances (usually involving the repeating of courses), part-time status may be approved. Permission to register as a part-time student must be given in writing by the Assistant Dean.

Quality-Point Average Requirements

A cumulative quality-point average of at least 2.00 is required for graduation in all programs in the School of Pharmacy and Allied Health Professions. The average shall

be computed only on the basis of all work attempted while in Creighton's School of Pharmacy and Allied Health Professions.

Graduation Honors

Graduation honors are based only on a student's work at Creighton. To be eligible for honors, the student must have completed at least half of the prescribed hours for the degree in the School of Pharmacy and Allied Health Professions at Creighton. The diploma of a student who qualifies for honors is inscribed as follows:

Summa cum laude — for a QPA of 3.850-4.000

Magna cum laude — for a QPA of 3.700-3.849

Cum laude — for a QPA of 3.500-3.699

Dean's Honor Roll

Full-time undergraduate students who have completed a semester with a grade-point average of 3.5 or higher and with no grades of I, IX, IF, or X are placed on the Honor Roll for that semester in their respective college or school. Full-time students with a grade of S (Satisfactory) or P (Pass) in a given semester qualify for the Dean's Honor Roll if a 3.5 quality-point average is earned in the graded courses. Honor Roll designation appears on the student's report card, and names of the students are posted on bulletin boards in the Deans' offices.

GRADUATE RECOGNITION CEREMONY

Each year on the day preceding May Commencement, the School of Pharmacy and Allied Health Professions holds a Graduate Recognition Ceremony for all May and August graduates. Students, wearing their caps and gowns, receive their school pins from the Dean. Occupational Therapy graduates recite the "Pledge and Creed for Occupational Therapists," and Pharmacy graduates recite the "Oath of a Pharmacist." Parents, family, and friends are invited to attend and remain for the reception following the ceremony.

COMMENCEMENT

Annual University Commencement Ceremonies are held in May and December. Students who complete their degree programs in the Spring Semester **are required to be present** at the Annual Commencement Exercises in May to receive their degrees. Students who complete their degree programs in the Fall Semester may attend Commencement ceremonies in December. Diplomas will be mailed upon confirmation of the completion of all degree requirements by the respective Dean. Students who complete their degree programs during the summer receive their degrees at the end of the Summer Sessions, but no ceremony is held; these students may participate in the preceding May Commencement. All candidates who receive degrees at the end of a Fall Semester or Summer Session are listed in the next Annual Commencement Program.

To participate in the May Commencement, a candidate must have successfully completed all degree requirements and must be approved for graduation, or be able to and plan to complete all requirements by the date for conferral of degrees in the following August. The respective deans of the Schools and Colleges of the University shall have the responsibility for clearing all participants in the Commencement. Those participants in the May ceremony who have not completed all degree requirements shall be so designated in the Commencement Program.

Section VI: Miscellaneous

Misconduct Policy

Misconduct includes (but is not limited to) cheating (collaboration on assignments or examinations, copying, using unauthorized materials, obtaining examinations prior to administration, arranging to have others take examinations or do assignments), plagiarism in any form, falsifying reports or records of any kind, endangering patients, theft, harassment, violence or the threat of violence, damage to the property of others, gaining unauthorized entry, bribery, intoxication or other abuse of alcohol or chemicals, and the illegal possession, use, or sale of drugs

These procedures have been developed in the School of Pharmacy and Allied Health Professions for handling misconduct.

Members of the faculty do have the prerogative of handling some of these problems within the confines of their own offices. The University administration does not become involved if the member of the faculty chooses to issue a warning or to take measures that make cheating or other unacceptable behavior more difficult. If a penalty is levied by a member of the faculty (such as requiring the student to repeat some required exercise, issuance of a failing grade for an examination, or issuance of a failing grade for a course), the student must be notified in writing, the letter must advise the student that he/she has the right of appeal, and the student must be told that he/she may continue to attend classes and exercise the privileges of all other students pending the outcome of the appeal. A copy of this letter is sent to the Dean or his designee and to the student's faculty adviser. If a member of the faculty wishes to recommend a penalty that exceeds his or her jurisdiction within a given course (for example, suspension from the University), the penalty may not be imposed until a hearing on the allegation is held.

When situations that require a hearing occur, the Dean conducts a preliminary examination of the evidence. If the evidence is found to be insufficient, the case is dismissed, and any penalties imposed by the faculty are reversed.

If the evidence is sufficient to warrant a hearing, the student is given a written notice of the time and place of the hearing and his/her right to be accompanied by an adviser who is associated with the University. The student is notified that he/she has the right to attend classes and engage in other recognized activities of students pending the outcome of the hearing. The allegation against the student is specified, and the general nature of the evidence that will be presented to support the allegation is disclosed. The student will be given five working days upon notification to prepare his or her defense. This time allowance may be waived by the student.

The Dean selects a Hearing Board, composed of three faculty members, two pharmacy students, and two allied health students, for a total of seven board members. The students shall be chosen from class officers and officers of student organizations. These individuals are not to be closely related or closely associated with the principals in the case. The Dean presides at the hearing but does not vote on the verdict. The Hearing Board determines whether or not the student is guilty of the allegations, and, if so, whether or not the penalty imposed or recommended is appropriate. The hearing is recorded in the event a transcript needs to be prepared at a later time.

The hearing is informal. The student is presumed innocent until proven guilty. The defendant may cross-examine witnesses and introduce evidence. At the conclusion of the

hearing, the principals and witnesses are excused while the Hearing Board deliberates. No new evidence may be presented during the deliberations.

The findings of the Hearing Board are considered final, and the student is given no further opportunity to appeal within the University system unless such appeal is specifically mentioned in the *Student Handbook*. The School of Pharmacy and Allied Health Professions does not guarantee a student the right to continue attending classes without penalty while the outcome of further legal processes are pending.

Any student who is guilty of a second misconduct offense is automatically, permanently expelled from the school, whether one or both offenses involve an admission of guilt, failure to appeal, or conviction by a hearing board. This does not preclude the possibility that a student might be expelled following a first offense.

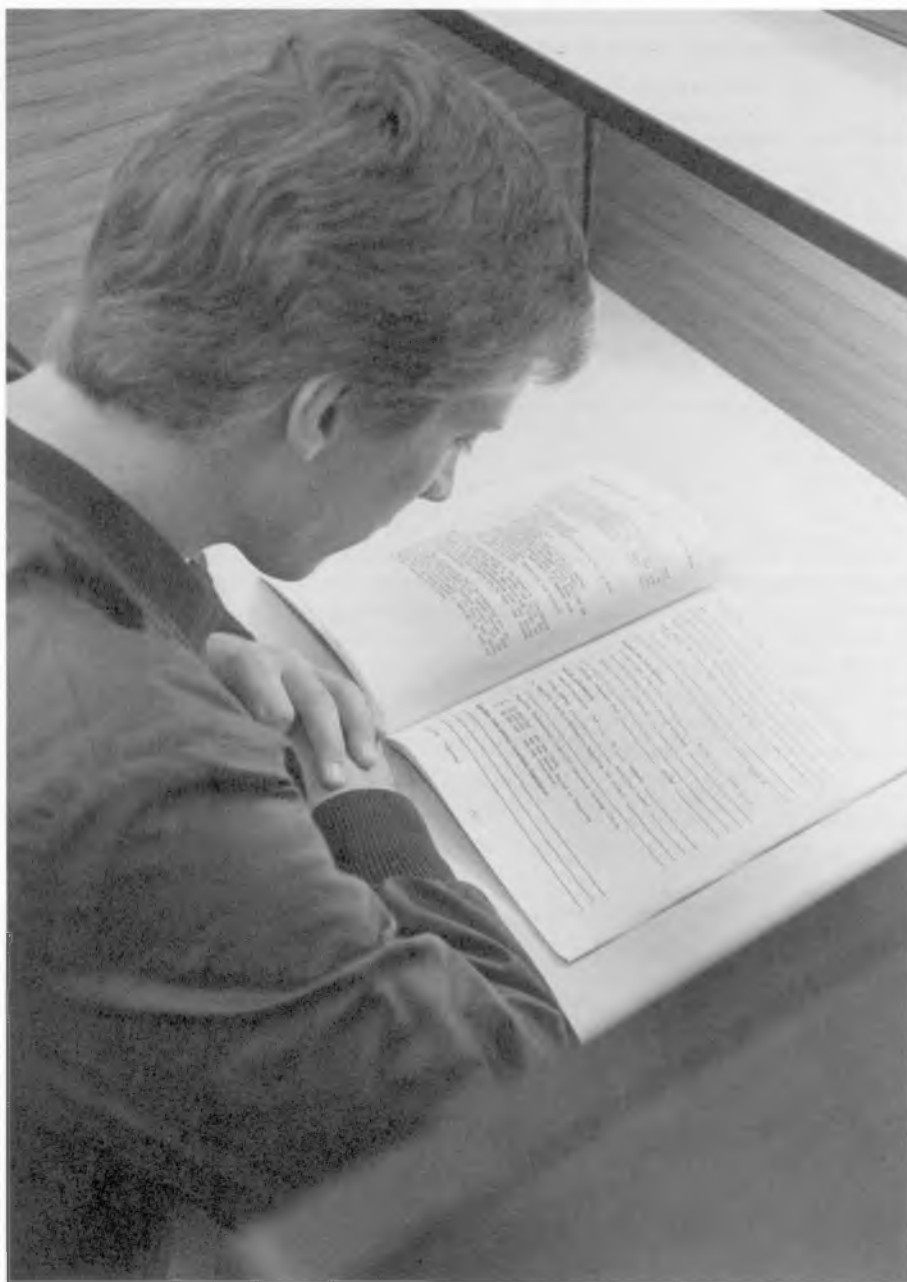
Transcripts

A copy of a student's academic record is called a transcript and is issued by the University Registrar upon written request of the student. A special Request For Transcript form is available at the Registrar's Office, A226. A fee of \$2.00 is charged for each transcript. Copies are not made of transcripts of records on file from other institutions. Any additional copy of these must be requested by the student direct from the original issuing institution.

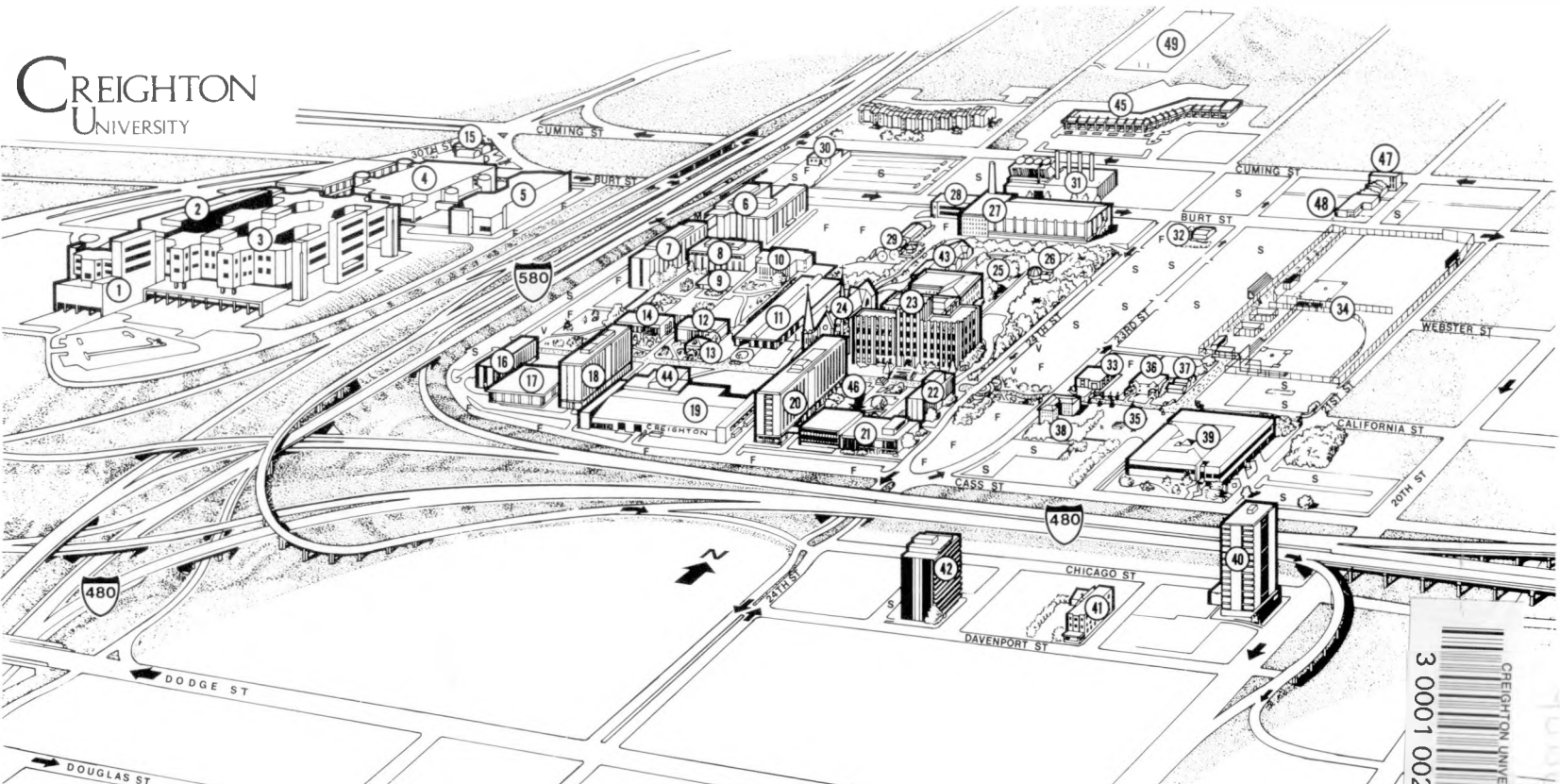
Confidentiality of Student Records

Creighton's policy relating to the confidentiality of student records is in keeping with the "Family Educational Rights and Privacy Act of 1974 as Amended." Information about a student (or former student) will not be released without the request or consent of the student other than in the exceptions stated in the Federal Act. A student is also accorded the right to inspect and review his/her education records. A summary of the University's Student Records Policy is published in the *Student Handbook*. A copy of the complete policy statement may be obtained in the Office of the Registrar or in the office of the Dean of the student's school or college.





An Occupational Therapy student studies in one of the many study areas across campus.



- | | | | | | | |
|---|--|---|---|---|---|------------------|
| 1 - BoysTown National Research Hospital | 11 - Reinert Alumni Memorial Library | 19 - Kiewit Physical Fitness Center | 24 - Saint John's Church (Campus Ministry) | 29 - Cluster Creighton Satellite Network Earth Station (Satellite Communications for Learning - SCOLA); Garage; Maintenance Storage | 34 - Creighton Sports Complex (Artificial Turf Athletic Fields) | 43 - Ignat Resid |
| 2 - Health Professions Center | 12 - Hitchcock Communication Arts Building | 20 - W. Clarke Swanson Student Residence Hall | 25 - Jesuit Gardens | 30 - Military Science (ROTC); Varsity Press | 35 - East Mall | 44 - Stud |
| 3 - AMI Saint Joseph Hospital | 13 - Philosophy Duplex | 21 - Mary Rogers Brandeis Hall | 26 - Observatory | 31 - Central Utilities Plant | 36 - Linn House (Jesuit Residence) | 45 - Creig |
| 4 - Boyne School of Dental Science | 14 - Fine Arts Building | 22 - Degelman Student Residence Hall | 27 - Old Gym; Athletic Facilities; Administration and Academic Computer Center; Math and Computer Science Department; Physical Safety | 32 - Mail Center | 37 - Creighton Day Center | 46 - Campu |
| 5 - Bio-Information Center | 15 - Interim Performing Arts Center | 23 - Administration Building; Academic Vice President; Business Office; College of Arts and Sciences; | 28 - Physical Plant Offices | 33 - Warehouse Building; Payroll/Personnel (lower level); Public Relations (upper level) | 38 - Markoe Hall | 47 - Purch |
| 6 - Dr. C.C. and Mabel L. Criss Health Sciences Center | 16 - Gallagher Student Residence Hall | 17 - Becker Hall | | | 39 - Ahmannson School of Law | 48 - Accot |
| 7 - Criss Research Building | 18 - Kiewit Student Residence Hall | | | | 40 - Pains Student Residence | 49 - Socce |
| 8 - Riegge Science Building | | | | | 41 - Creighton House | |
| 9 - Riegge Lecture Hall | | | | | 42 - Central Towers Student Residence Hall | |
| 10 - Eppley College of Business Administration; University College; Summer Sessions; Walsh Lecture Hall | | | | | | |

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Parking:
 V - VISITOR
 M - Medical Permits
 D - Dental Permits