

The background of the cover is a color photograph of a campus scene. In the foreground, there is a large, bushy tree with vibrant pink flowers. Behind it, a green lawn is visible. In the background, several tall, white, classical-style columns are standing against a clear blue sky with a few wispy clouds. The title 'HOUSTON BAPTIST UNIVERSITY' is printed in large, bold, black capital letters across the top of the image.

HOUSTON BAPTIST UNIVERSITY

BULLETIN OF INFORMATION

1979-1980

VOLUME XVII

NUMBER 1

MEMBERSHIPS

Southern Association of Colleges and Schools
Association of Intercollegiate Athletics for Women
American Association of Colleges
American Association of Colleges for Teacher Education
American Council on Education
Association of Texas Colleges and Universities
College Entrance Examination Board
National Collegiate Athletic Association
National Council on Social Work Education
National League for Nursing
Texas Association of College for Teacher Education
Texas Council of Church Related Colleges
State Board of Nurse Examiners
Council on Social Work Education
Texas Foundation of Voluntarily Supported
Colleges and Universities
Trans America Athletic Conference

ADDRESS AND LOCATION

Southwest Freeway and Fondren Road.

Visitors are always welcome.

MAILING ADDRESS FOR ALL OFFICES

7502 FONDREN ROAD
HOUSTON, TEXAS 77074

Phone: 774-7661

AREA CODE: 713

Note: Houston Baptist University reserves the right to make changes in the arrangements and policies announced in this Bulletin as unusual circumstances, economic conditions, or efficiency in operation may require.

HOUSTON BAPTIST UNIVERSITY

BULLETIN OF INFORMATION

1979 - 1980



SEVENTEENTH YEAR

HOUSTON, TEXAS

JANUARY, 1979

VOLUME XVII, NUMBER 1

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HOUSTON BAPTIST UNIVERSITY, 7502 FONDREN ROAD,
HOUSTON, TEXAS 77074.**

1979

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UNIVERSITY CALENDAR

FIRST QUARTER

1979 - 80

April 30-May 4	Registration
June 1	Registration for new and transfer students
June 4	Classes begin 8:00 a.m.-First Term
June 7	English Proficiency Exam, 4:00 p.m., T106
June 8	Last date to register for credit in First Term
July 4	Holiday
July 11	Final Examinations and end of First Term
July 12	Classes begin 8:00 a.m.-Second Term
July 18	Last date to register for credit in Second Term
August 17	Final Examinations and end of Second Term

SECOND QUARTER

August 29	College Level Examination Program General Examinations, 12 noon-6:00 p.m.
	Cafeteria open for service 7:00 a.m.
August 29	Faculty Conference 9:00 a.m.
August 30	Freshmen Orientation 9:30 a.m.
August 30	President's Reception for Faculty, 8:00-9:30 p.m.
August 31	Registration - 8:00 a.m.-5:00 p.m.
August 31	President's Reception for Freshmen, 8:00- 9:30 p.m.
September 4	Class Sessions begin at 8:00 a.m.
September 4	Registration for evening students, 6:30- 8:00 p.m.
September 5	Opening Convocation, 10:40 a.m.
September 6	English Proficiency Exam, 4:00 p.m., T106
September 7	Last date to register for Second Quarter
October 5	Last date to drop a course with a "W" mark
October 10	Mid-Point of the Second Quarter
October 10-12	Religious Emphasis Week
October 26	Last date to receive a "WP" or "WF" mark
October 26	Last date to file degree plans with Registrar
October 29	
-November 2	Registration
November 10	College Level Examination Program General Examination, 9:00 a.m.-3:00 p.m.
November 16	End of Second Quarter

THIRD QUARTER

1979 - 80

November 26	Registration
November 26	Registration for evening students, 6:30- 8:00 p.m.
November 27	Class Sessions begin at 8:00 a.m.
November 28	Founder's Day Celebrated
November 29	English Proficiency Examination, 4:00 p.m., T106
November 30	Last date to register for Third Quarter
December 14	Christmas Holidays begin, 5:00 p.m.
January 2	Classes resume, 8:00 a.m.
January 5	Undergraduate Assessment Program
January 11	Last date to drop a course with a "W" mark

January 16
 February 1
 February 1
 February 4
 -February 8
 February 16

 February 22

Mid-Point of the Third Quarter
 Last date to receive a "WP" or "WF" mark
 Last date to file degree plans with Registrar

 Registration
 College Level Examination Program General
 Examinations, 9:00 a.m.-3:00 p.m.
 End of the Third Quarter, 5:00 p.m.

FOURTH QUARTER

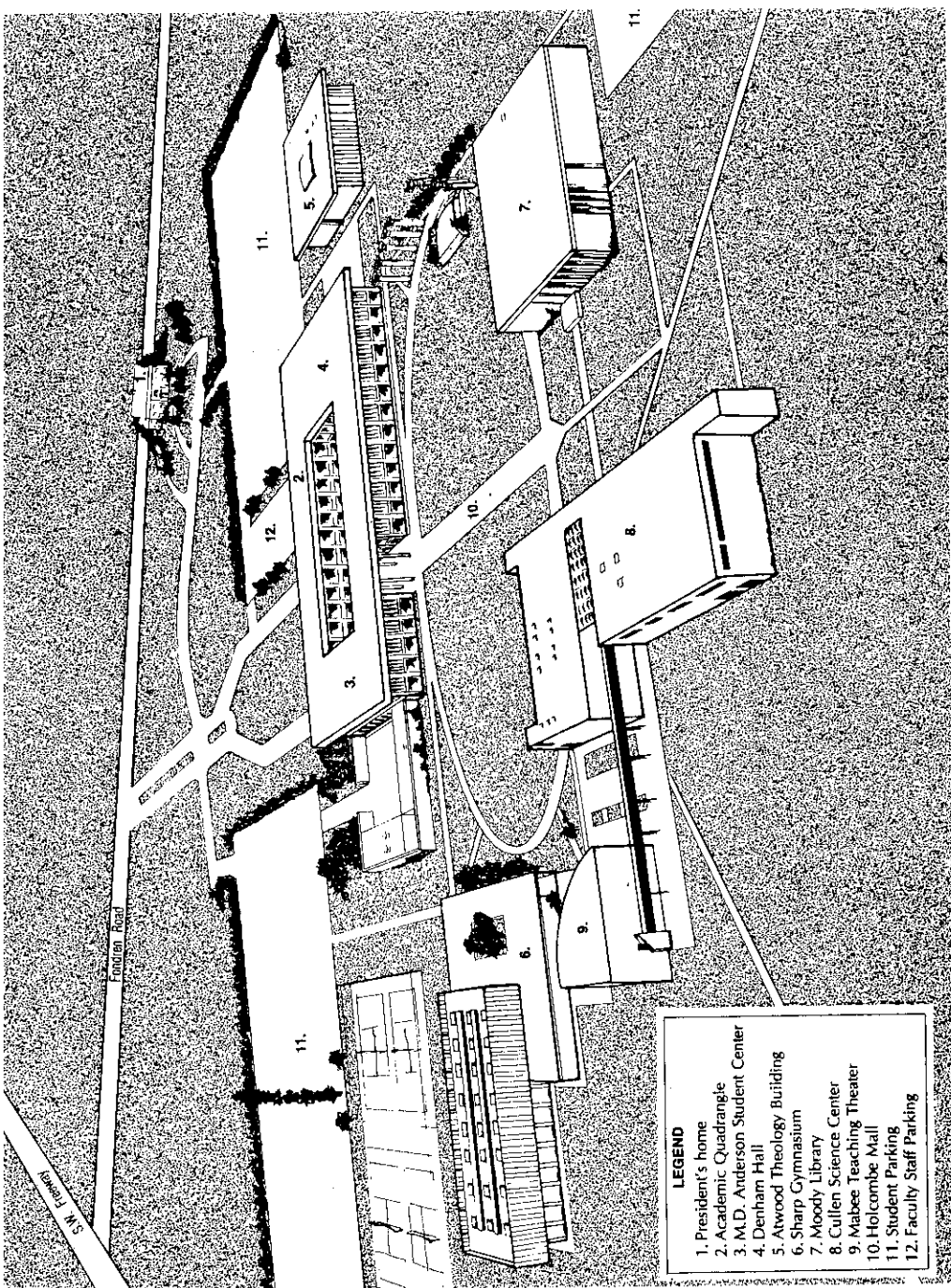
1980

February 29
 March 3
 March 3
 March 6
 March 7
 March 12-13-14
 April 3
 April 4
 April 9
 April 25
 April 25
 April 28-May 2
 May 5-9
 May 9
 May 10

 May 16
 May 16
 May 17

Registration
 Class Sessions begin at 8:00 a.m.
 Registration for evening students, 6:30-8:00 p.m.
 English Proficiency Exam, 4:00 p.m., T106
 Last date to register for Fourth Quarter
 Life Commitment Week
 Last date to drop a course with a "W" mark
 Holiday for Easter
 Mid-Point of the Fourth Quarter
 Last date to receive a "WP" or "WF" mark
 Last date to file degree plans with Registrar
 Registration for Summer School
 Registration for Fall Quarter
 Awards Day
 College Level Examination Program General
 Examinations, 9:00 a.m.-3:00 p.m.
 End of Fourth Quarter, 5:00 p.m.
 Commencement, 7:30 p.m.
 Residence Halls close, 4:00 p.m.





- LEGEND**
- 1. President's home
 - 2. Academic Quadrangle
 - 3. M.D. Anderson Student Center
 - 4. Denham Hall
 - 5. Atwood Theology Building
 - 6. Sharp Gymnasium
 - 7. Moody Library
 - 8. Cullen Science Center
 - 9. Mabree Teaching Theater
 - 10. Holcombe Mall
 - 11. Student Parking
 - 12. Faculty Staff Parking

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GENERAL INFORMATION

Characteristics

HISTORY

The creation of Houston Baptist College by action of the Baptist General Convention of Texas on November 15, 1960, culminated many years of study, conferences, reviews and prayerful guidance, especially by Baptists of Houston and Southeast Texas, in support of a college of the highest quality and accreditation in Houston. Their aim was, and is today, a Christian college that stresses quality of life as well as quality in learning.

In 1952, The Union Baptist Association authorized a committee selected by the Association to study the possibility of locating a Baptist college in Houston. With professional assistance and guidance and encouragement from the Education Commission of the Baptist General Convention of Texas, the committee conducted a survey for this purpose in 1955. Upon the basis of the information found and with the endorsement of the Education Commission, the Association approved the idea of establishing a college. In 1956, the Executive Board of the Baptist General Convention of Texas approved a recommendation that Houston Baptists be given assurance that the Convention would support such a college when the College Committee of the Union Association had succeeded in acquiring a satisfactory site for a campus, containing at least one hundred acres, and a minimum of three million dollars. Of this sum, one and one-half million would constitute a nucleus endowment fund, and one and one-half million would be designated for a physical plant. The Union Association accepted these conditions and endorsed the requirements set up by the State Convention.

In 1958 a 196-acre campus site was acquired in Southwest Houston, and in 1960 the initial required financial goal was reached, as a result of campaign among the Churches. Also, in 1960 the Baptist General Convention of Texas, in its annual session at Lubbock, Texas, elected the first Board of Trustees. This board, in session at Houston, Texas, on November 15, 1960 approved and signed the College Charter. The next day this charter was ratified and recorded with the Secretary of State in Austin. The way was then clear for immediate action to select administrative officers, develop a suitable physical plant, and provide an appropriate academic program. Dr. W. H. Hinton began service as the first president of the College on July 1, 1962.

The College opened in September 1963, with a freshman class, new buildings, and a teaching staff of thirty members, of whom eighteen held earned doctoral degrees. A new class was added each year until the College attained the four-year program in 1966-67. By then, the full-time faculty had grown to fifty-four members, serving an enrollment of approximately 900. By the fall of 1978, the faculty had grown to 97 and the student enrollment exceeded 1800.

Initially, the College offered a B.A. degree with academic courses in five divisions: Christianity, Fine Arts, Languages, Science and Mathematics, and Social Studies. The Board of Trustees, following the recommendation of the faculty and administration, authorized the establishment of the Division of Education and Psychology in 1964 and the Division of Business and Economics in 1968. With the opening

of the fall semester of 1969, the College added a Division of Nursing and offered a Bachelor of Science degree in nursing.

During the tenth academic year, following an institutional self-study for the Southern Association of Colleges and Schools, and as a result of the work of a widely representative Long Range Planning Committee, the College name officially became Houston Baptist University. Degree programs were revised making the Bachelor of Science option available to all graduates, and the instructional areas were completely reorganized.

Five colleges headed by Deans replaced the previous structure of eight divisions. The new colleges are: H. B. Smith College of General Studies, the College of Business and Economics, the College of Education and Behavioral Studies, the College of Fine Arts and Humanities, and the College of Science and Health Professions. A sixth college was added in 1978 by the division of the College of Fine Arts and Humanities. All students are placed in Smith College until they have completed the 49 or 50 semester hours of courses required of all degree students. At this point, students are transferred into one of the four upper level colleges, to which all faculty are also assigned.

Graduate studies began in 1977 with the initiation of the Executive Master of Business Administration degree and the Master of Science in Perinatology. Graduate studies leading to the Master of Education are expected to begin in 1979.

At the time of the reorganization of the instructional area in 1973, the University adopted a quarter calendar which conforms to the public school quarter calendar and permits multiple admission opportunities annually. Semester hours were retained as the standard credit unit. An early admissions program also was established which enables students to secure their high school diplomas at the end of their freshman year of college matriculation.

Since its first year, the University has cooperated with the Association of Texas Colleges. In 1966 the Commission on Colleges of the Southern Association of Colleges and Schools recognized Houston Baptist College as an official candidate for accreditation. The highlight of the 1968-69 academic year was the full accreditation of the College by the Southern Association of Colleges and Schools, December 4, 1968. Under the guidance of the Southern Association of Colleges and Schools the faculty engaged in thorough self study of the College in March 1971 and upon its recommendation full accreditation was extended for ten years by the Commission on Colleges at its Annual Business Meeting, December 1, 1971.

The Texas Education Agency approved the College in the training of certified teachers for the public elementary and secondary schools in 1965. During the first semester the Teacher Education Program was evaluated by representatives selected by the Texas Education Agency, and full approval of the program was continued. The College was also given full membership in the American Council on Education, December 1968, and the American Association of Colleges of Teacher Education, February, 1969. Accreditation of the Social Work program in 1977 marked a new milestone for the College of Education and Behavioral Studies.

The degree program in nursing received full accreditation by the National League for Nursing on April 21, 1972, and in July all 38 members of the first class to graduate successfully completed the examination required and administered by the State Board of Nurse Examiners.

The Study Abroad program was inaugurated in 1967 with a group of English majors in residence at the Shakespeare Institute, Stratford-on-Avon, England, for the month of April. Study Abroad has continued with programs in Mexico, the Holy Land, and Europe.

Other programs further extended the outreach of the University. A grant from the Hogg Foundation of Texas made possible the establishment of the Houston Baptist University Research Center in 1968. A Counseling and Guidance Center was formally established on campus in 1971 to meet the growing need for personal and vocational counseling. In 1978 the University became a charter member of the Trans America Athletic Conference.

The plant and endowment of the University have kept pace with its development in other areas. Only the Academic Quadrangle was completed when classes began in 1963. The Frank and Lucile Sharp Gymnasium and the Atwood Theology Building were completed in 1964. The Moody Library, the Holcombe Mall and the Morris Columns were dedicated in 1970. A track was completed in 1974. The Cullen Science Center and Mabee Teaching Theatre opened in 1977, providing needed space for the College of Science and Health Professions. In addition, the Memorial Hospital System Central Unit, where nursing students receive their clinical experience, was completed on a site adjacent to the campus in early 1977.

The University received three endowed chairs during the period 1971-1978 — the Herman Brown Chair of Business and Economics, the Robert H. Ray Chair of Humanities, and the John Bisagno Chair of Evangelism. In the same period, two endowed professorships were given — the Rex G. Baker Professorship in the College of Business and Economics and the Prince-Chavanne Professorship of Christian Business Ethics. The Endowed Academic Scholarship program, begun in 1971, not only increased the endowment of the University, but also assured the recruitment of top students. By the fall of 1978, the University had received seventy Endowed Academic Scholarships.

PURPOSE

Houston Baptist University is a private institution of higher learning related to the Baptist General Convention of Texas. The University offers to students of all persuasions a program directed toward intellectual development characterized by breadth and depth and toward moral and spiritual growth based on the Christian faith and message.

The curriculum of studies is designed to foster learning in an atmosphere of freedom and objectivity. This curriculum which includes a broad background in the arts and sciences, with special emphasis on the foundations of Western Civilization, provides a logical basis for programs in teacher education, nursing, preparation for graduate study, professional schools, and for leadership in the arts, in business, and in the community, church, and home.

The underlying purpose of this educational process is that students develop aesthetic awareness, critical judgement, and creative expression through the rigorous pursuit of truth, the tolerant attitude of the enlightened mind, and the free enterprise of thought and investigation.

The ultimate goal in providing this educational program is the development of responsible individuals, motivated by Christian principles, to have moral integrity, intellectual honesty, social consciousness, and the ability and desire to render effective service to their fellowmen and to God. Through the academic curriculum, recreational programs, social service clubs, counseling services, and religious activities, students have opportunities to be directed toward these goals, and since education is never completed, the total program of Houston Baptist University exists to give students and faculty the incentive for continuing development.

NATURE

The Preamble to the By-Laws as stated below prescribes the distinctive nature of the institution:

The Houston Baptist University is a Christian liberal arts university dedicated to the development of moral character, the enrichment of spiritual lives, and the perpetuation of growth in Christian ideals. Founded under the providence of God and with the conviction that there is a need for a university in this community that will train the minds, develop the moral character and enrich the spiritual lives of all people who may come within the ambit of its influence, HOUSTON BAPTIST UNIVERSITY shall stand as a witness for Jesus Christ expressed directly through its administration, faculty and students. To assure the perpetuation of these basic concepts of its founders it is resolved that all those who become associated with Houston Baptist University as a trustee, officer, member of the faculty or of the staff, must believe in the divine inspiration of the Bible, both the Old Testament and New Testament, that man was directly created by God, the virgin birth of Jesus Christ, our Lord and Saviour, as the Son of God, that He died for the sins of all men and thereafter arose from the grave, that by repentance and the acceptance of and belief in Him, by the grace of God, the individual is saved from eternal damnation and receives eternal life in the presence of God; and it is further resolved that the ultimate teachings in this University shall never be inconsistent with the above principles.

THE LIBERAL ARTS PROGRAM

The Christian liberal arts program has at its foundation the conviction that all worthy vocations are built on a basis of service to mankind. It is a program which seeks to liberate both faculty members and students from the limitations of opportunity and outlook, increase their awareness of self and

environment, sharpen their capacity for critical and creative thought, and equip them to meet the demands of intelligent citizenship in a rapidly changing and complex society. It is a program designed to produce general resourcefulness, leadership, ability solve problems in various situations, and a capacity for happy and successful living. Its elements embrace enduring values and its methods promote the continuation of independent study, to the end that one may enjoy a lifetime of intellectual adventure.

Although vocational preparation is not its primary objective the liberal arts program is intensely practical because the best job insurance in our rapidly changing society is not narrow training in specific skills but broad training in general abilities. There is an ever increasing demand for those with such training to fill executive and leadership positions in business and in the professions. Immediately following graduation many enter positions in teaching, business, recreation, public relations, public administration and government.

A high percent of liberal arts graduates continue in graduate professional schools to pursue careers in law, medicine, psychiatry, scientific research, hospital administration, dentistry, theology, social work, journalism, college teaching, engineering, and many other professions. Such professional schools strongly endorse the liberal arts experience as the best possible foundation on which to build a successful career. Houston Baptist University is designed to provide this opportunity to capable students in its area of service.

THE CAMPUS PLAN

The campus of the Houston Baptist University consists of 158 acres in Southwest Houston at the intersection of the Southwest Freeway and Fondren Road. It is planned to reflect that unity of knowledge which is the essence of a liberal education. It is a tightly organized series of buildings surrounding a mall beginning at the east with the Theology building and ending at the west with the Physical Education Center and flanked by the Library, small auditorium, Student Center, administrative offices and classrooms for the various academic disciplines. Later a chapel, a large auditorium, science building, and a fine arts center will become a part of this complex of buildings. Concentrically related to this complex are the complementary facilities for residence, athletics and recreation. It is so organized as to cause the constant intermingling of teachers and students from the various fields thereby preventing the arid experience of

isolation.

ACCREDITATION

Houston Baptist University is fully accredited by the Southern Association of Colleges and Schools. It also holds full membership in the Association of Texas Colleges and Universities, is approved by the Texas Education Agency for the preparation of teachers for the public elementary and secondary schools, and its baccalaureate degree program in nursing is approved by the National League for Nursing and the State Board of Nurse Examiners. It is also accredited by the National Council on Social Work Education. Its academic and professional status is further attested by its election to membership in the American Association of Colleges for Teacher Education, the College Entrance Examination Board, and in the American Council on Education. Its graduates are demonstrating their competence in graduate and professional schools.



Campus Life

STUDENT CENTER

The M. D. Anderson Student Center is the focal point of student life on the campus. It is here the student meets friends, has pep rallies, enjoys seasonal and traditional banquets and receptions, and entertains guests.

A Bookstore stocked with the necessary items for university work, as well as an abundance of goods which makes the life of a student more enjoyable, is an integral part of the Student Center.

A University Cafeteria is located opposite the Bookstore and offers a variety of well-prepared meals, carefully planned by professional dietitians for faculty, students and guests. In addition, convenient snack facilities are provided for on-the-run meals and after-hours appetites. There are monthly "specials" in the cafeteria: steak or shrimp nights and seasonal buffets. All food and bookstore prices are maintained at moderate levels for the maximum benefit of the Houston Baptist University student.

STUDENT GOVERNMENT

The first student body wrote and adopted a "Constitution of the Student Association of Houston Baptist University." It was adopted October 18, 1963. The Constitution of the Student Association of Houston Baptist University became fully operative in 1966-67 with all four undergraduate classes organized. Student government at Houston Baptist University is exercised through the Student Association. All full-time students (8 semester hours or more) become members of this Association upon registering. Each spring officers of the Association are elected for the following year. The legislative body is the Student Senate which is composed of representative students from all divisions of the University. Student officers serve as the spokesmen for the student body and seek "to foster the

recognition of privileges and responsibilities of the students of the college community." Houston Baptist University is a member of the Texas Intercollegiate Student Association.

COUNSELING CENTER

The Houston Baptist University Counseling Center is a guidance program with the needs of the individual as its focus. The center provides the student an opportunity to obtain help in problem solving, personal planning and decision making. Education and vocational planning as well as personal and interpersonal growth are emphasized. The center is open from 9:00 a.m. until 3:00 p.m. Monday through Friday on those days school is in session. Vocational materials may be examined in the waiting area while the center is open.

Group and individual counseling facilities are available although typically a student is seen in individual counseling. Individual and group tests are available to provide the student with additional objective information about himself to facilitate his decisions and maturation. Services are free of charge to Houston Baptist students. When vocational testing instruments with computer scored answer sheets are used, they will be paid for by the individual.

STUDENT ORGANIZATIONS

The following groups are recognized on campus.

Alpha Chi
Alpha Epsilon Delta
Alpha Pi Kappa
Alpha Psi Omega
Alpha Tau Omega
Art Guild
Association of Women Students
Chess Club

Christian Life on Campus
 Circle K
 Coreons
 Gallery Theatre Players
 Gymnastics Booster Club
 Interfraternity Council
 Kappa Alpha
 Kappa Delta
 Koinothenia
 Le Cercle Francais
 Mu Epsilon Delta
 Nursing Students Association
 Omicron Delta Kappa
 Phi Epsilon Mu
 Phi Mu Alpha
 Pi Kappa Delta
 Pre-Law Society
 Psi Chi
 Rho Sigma Phi
 Sigma Alpha Iota
 Sigma Tau Delta
 Social Work Students Organization
 Student Education Association
 Student Association
 Triceans
 Women's Honorary Leadership Society
 Women's Residence Hall Council
 Young Americans for Freedom

The inauguration of local groups and of chapters of national societies and organizations in promotion of the curriculum is assisted by the university as a valuable adjunct to the instructional program.

RESIDENCE LIFE

There is one residence hall for men, and one residence hall for women. These residence halls incorporate the finest in student accommodations. The residence halls are completely air-conditioned and each suite features wall-to-wall carpeting. In the dormitories there are suites of four rooms grouped around a comfortable common living room. Each pair of rooms has its own bath facility, and each room has its own lavatory. Other facilities include lobby, recreation, refreshment kitchen, and library areas. There is an intercom telephone in each

suite. Residents may have a private telephone installed at their own expense. Each dormitory houses 120 students. All facilities are purposely designed to promote the educational process and the social life of the student. Costs for room and board are \$530.00 per quarter plus sales tax on food. There are two students in each room. If a student requests a private room there will be a double charge.

HOUSING REGULATIONS

All unmarried students, except Houston residents living at home or with immediate relatives and those who commute from their homes, are required to live in university housing as long as space is available. When dormitory space is filled, students may be permitted to live in approved off-campus housing. Students living off campus with approval of parents and the Vice President for Student Affairs accept the same obligations regarding university regulations and policies as students residing in university dormitories.

All living arrangements for students regardless of age, classification, marital status or home address, will be reviewed each quarter. Final approval for housing will be made by the Housing Board through the Vice President for Student Affairs or Associate for Student Affairs. No registration will be initiated until housing has been approved.

STUDENT CONDUCT

All Houston Baptist University students are familiar enough with the ordinary conventions of society governing the proper conduct of Christian ladies and gentlemen. Therefore, the university administration feels it need not delineate many definite disciplinary regulations, but reserves the right to dismiss a student at any time for cause deemed by the University Administration to justify suspension or expulsion.

It is stressed that all local, state, and federal laws are supported by the institution, and violators of these laws may be disciplined by civil authorities and/or university officials. Being a student does not exempt a student from being a law abiding citizen nor from conducting himself as a responsible person. Disciplinary action procedures may involve the following:

Vice President for Student Affairs — Students adjudged guilty of a breach of proper conduct may be assessed disciplinary action by the Vice President for Student Affairs or Associate for Student Affairs. The student is immediately informed of the action according to due process. He may appeal this action to the Committee on Student Conduct.

Student Court — The Student Court has original jurisdiction in cases referred to the Student Court by the Vice President for Student Affairs involving general student discipline and honor with a few exceptions. Appeals of any Student Court recommendations may be made to the Committee on Student Conduct by the student involved or by the Vice President or Associate for Student Affairs. The Student Court has appellate jurisdiction over any lesser student courts that it authorizes. Written reports of all Student Court recommendations are submitted to the Student Association President, then to the Vice President or Associate for Student Affairs.

Committee on Student Conduct — Students guilty of overt actions or repeated offenses meriting probation may be reported to the Committee on Student Conduct for disciplinary action. Committee action becomes a part of the student's permanent record. Normally the written report of conduct resulting in probation remains in the files of the Vice President for Student Affairs. However, if placed on strict

disciplinary probation, action by the Committee on Student Conduct may become a part of the student's permanent record in the Office of the Registrar. The Committee on Student Conduct may: (1) confirm the action of Vice President for Student Affairs or Associate for Student Affairs, (2) confirm the recommendation of the Student Court for disciplinary action, (3) recommend to the President suspension of the student for a definite period, and (4) recommend to the President suspension of the student indefinitely.

Reinstatement — A student placed under disciplinary suspension must be reinstated by action of the Committee on Student Conduct. To be eligible to apply for readmission this action must be certified to the Committee on Admissions by the Vice President for Student Affairs or Associate for Student Affairs.

During a period of disciplinary probation, a student is not eligible to represent the university.

Due process for handling conduct situations is explained in detail in the Houston Baptist University Student Handbook.

STUDENT INSURANCE

It is recommended that each student be insured under an accident and sickness insurance program. The university accident and insurance plan is administered by the Medical Assistance Plan of Texas. The policy covers a full 12 months, offers a choice of three plans and contains liberal coverage for emergencies and hospitalization. Details of coverage are available at the University Business Office.

ATHLETIC PROGRAM

The university is a member of the NCAA and AIAW and participates in basketball, tennis, golf, track and field, and gymnastics in intercollegiate competition.

A strong program in intramurals is offered and enjoyed by the total population of the university.

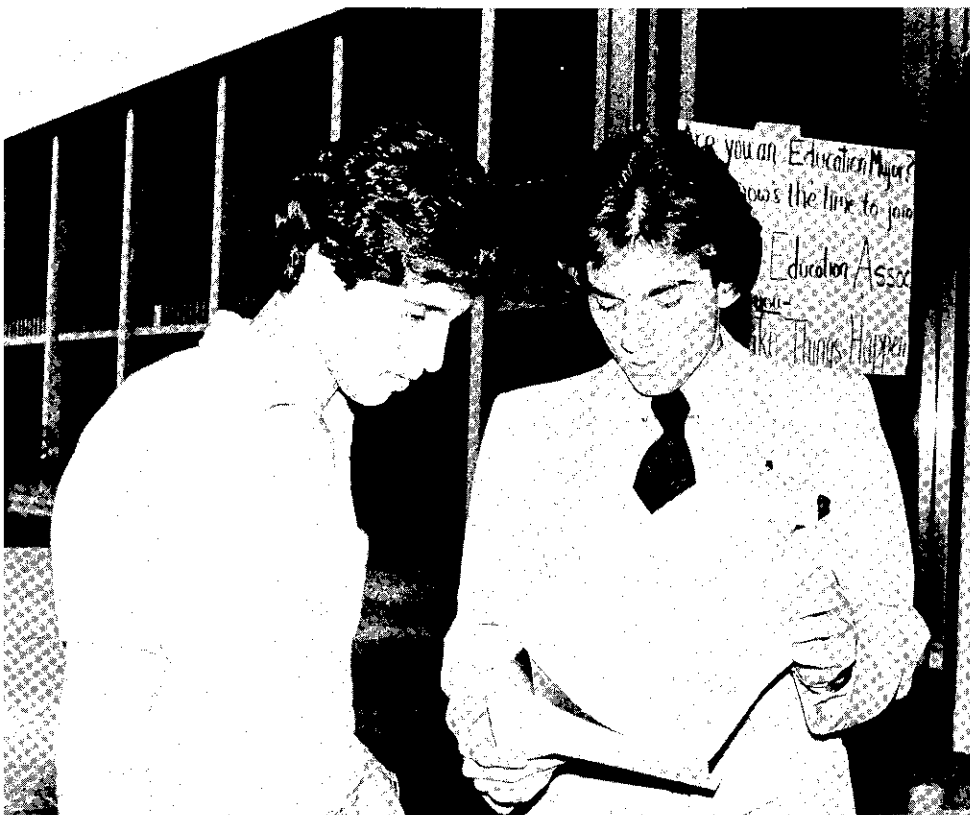
The beautiful and adequate Frank and Lucile Sharp Physical Education Building contains courts, offices and other facilities for the Physical Education Department.

TRANSPORTATION

City bus routes are on Fondren Road, the east boundary of the campus, and Beechnut Street at the south side where dormitories and apartments are located. Student

operated automobiles properly registered with the University are permitted and ample convenient parking areas are provided.

The relative positions of the several buildings were planned to provide access in walking from building to building, from dormitory to classroom or to Student Center, and from the parking lots to any campus unit.



Admissions

Admission to Houston Baptist University is open to students of all creeds and faiths and is based on the criteria listed below. A personal interview is not required but is recommended so the student may gain a better insight into the academic program offered. Information regarding admission to the University and all necessary forms for admission may be obtained by contacting the Student Development Office, Houston Baptist University, 7502 Fondren Road, Houston, Texas 77074, telephone number (713) 774-7661.

FRESHMAN STUDENT ADMISSION

Applicants to the freshman class must submit the following credentials:

1. Application for Admission must be completed and returned to the Student Development Office along with a \$15.00 non-refundable fee.
2. An applicant is considered for admission if he has graduated from an accredited high school and has an acceptable total score on the Scholastic Aptitude Test of the College Entrance Examination Board or composite score on the American College Testing Program in relation to his rank in class.

Rank	Total SAT score	Composite ACT score
First Quarter	800	18
Second Quarter	800	18
Third Quarter	850	19
Fourth Quarter	900	20

It is the responsibility of the applicant to have his official high school record and official test scores sent to the Student Development Office. An applicant who graduated more than five years ago does not need to submit an SAT or ACT score.

Where the above criteria are not met, strong consideration will be given to the

academic performance of the final year.

Special Programs:

1. *Early Admission* — A limited number of selected students with outstanding academic records is, by special arrangement with their high schools, admitted at the end of the junior year. Students interested in this program should consult the Student Development Office during their junior year.
2. *Early Bird Program* — Selected students with outstanding academic records are eligible to enroll for the summer quarter between the junior and senior years of high school. Students interested in the program should consult the Student Development Office during their junior year.
3. *High School Equivalency* — A student who has demonstrated satisfactory performance in the General Educational Development Testing Program (GED) that meets standards prescribed by the Texas Education Agency may be admitted to Houston Baptist University.
4. *Conditional Admission* — Conditional admission serves as an alternative way for students who lack one or more of the entrance requirements to qualify for admission to the University. It is of greatest benefit to those students who have never taken the SAT or ACT college entrance tests, or who have not completed a college preparatory program. Conditional students may enroll for no more than ten semester hours per quarter. Upon completing the 30 semester hours of credit listed below with a 1.8 grade point average or better, freshman students are offered unconditional status. Conditional students who

maintain a grade point average of 2.5 or better may file a request in the Registrar's Office that their status be changed prior to accumulating the 30 semester hour credit. The required courses are as follows:

English 1313, 1323 —	
Language and	
Literature	6 hours
Christianity 1313, 1323 — Old	
and New Testaments . . .	6 hours
*Social Science	6 hours
Smith College	
General	
Requirements	6 hours
Elective	6 hours
Total	30 hours

*These 6 semester hours must include 3 semester hours in The American Economic System 1301 and 3 semester hours in American and Texas Government 2313, or 6 semester hours in The United States History 2313, 2323.

TRANSIENT STUDENT ADMISSION

Transient students must file a complete application and furnish Houston Baptist University with a letter of good standing from the last college attended. Hours earned by a transient student are transferred only to the sponsoring institution. If a transient student decides to continue at Houston Baptist University, he must complete all of the transfer procedures as outlined under transfer student admission and be approved for admission.

FORMER STUDENT ADMISSION

Any student who was not enrolled during the preceding quarter, excluding the summer quarter, must submit to the Student Development Office an application for re-entry (no application fee required). If the student attended another college or university during his absence, he must submit an official copy of all academic work attempted during his absence from Houston Baptist University.

TRANSFER STUDENT ADMISSION

A student applying for admission as a transfer student from another accredited college or university must submit the following credentials:

1. Application for Admission — An application must be completed and returned to the Student Development Office along with a \$15.00 non-refundable fee.
2. College transcript — An official transcript(s) from all colleges or universities attended must be sent directly from the college(s) to the Student Development Office. Failure to provide this academic information from all colleges or universities will result in suspension from the University. Transferred grades below "C" are not applied toward a degree at Houston Baptist University. The cumulative grade point average for transfer students should be as follows:

Freshman — 0-15	
semester hours	1.70
Freshman — 16-32	
semester hours	1.80
Sophomore — 33-47	
semester hours	1.90
Sophomore — 48-63	
semester hours	2.0
Junior and Senior — 64	
semester hours	
and above	2.0
3. High School Transcript — A high school transcript must be submitted if the applicant has fewer than 30 semester hours of college work.
4. College Board Score — An official SAT or ACT test score must be submitted if the applicant has fewer than 12 semester hours of college credit.

SPECIAL STUDENT ADMISSION

A student over 21 years of age, with

demonstrated ability to do acceptable university work, but indicating by signed statement that he is not interested in following a degree program, may be admitted to the University upon receipt of the required credentials listed under the appropriate section which applies to his admission.

NON-CREDIT ADMISSION (AUDITING)

A student wishing to audit a class must submit a completed application and must fulfill the appropriate admissions requirements. No credit will be awarded, but records of the student's matriculation are kept. Fees are the same as those required for registration for credit.

INTERNATIONAL STUDENT ADMISSION

International students seeking admission should apply and submit all test scores and transcripts to the Student Development Office at least 60 days prior to registration of the quarter they plan to attend. Immigration papers for student visas cannot be issued by the University until all credentials have been received and the student accepted for admissions. No conditional or temporary admission is ever granted to international students.

The international student must submit the following credentials:

1. Application for Admission — An application must be completed and returned to the Student Development Office along with a \$15.00 (U.S.) non-refundable fee.
2. Secondary School Record — An official transcript showing graduation from a secondary school or its equivalent must be submitted to Houston Baptist University. In addition to this, it is the responsibility of the applicant to have all transcripts, certificates or diplomas from institutions outside the United States sent to the Credentials Evaluation Service, P.O. Box 24679, Los Angeles, California 90024, for evaluation. A copy of

the results should be sent directly to Houston Baptist University from the evaluation service.

3. Entrance Examination — A score of 500 or greater on the Test of English as a Foreign Language (TOEFL) is required of all international students. In lieu of the TOEFL, a total score of 800 on the SAT, with a minimum score of 400 on the verbal section is required.*

*The University reserves the right to validate any TOEFL or SAT score by administering a similar examination after the student's arrival on campus.

4. College Transcript — If the applicant has attended a college or university, he must submit an officially certified and English translated transcript of each college or university attended to Houston Baptist University. The student must have a minimum of 2.0 on a 4.0 scale from all undergraduate work. In addition to this, it is the responsibility of the applicant to have all transcripts from institutions outside the United States sent to the Credentials Evaluation Service, P.O. Box 24679, Los Angeles, California 90024, for evaluation. A copy of the results should be sent directly to Houston Baptist University from the evaluation service. If the student has earned a minimum of 30 transferable semester hours at an accredited college or university in the United States, the TOEFL requirement and foreign transcript evaluation are not necessary.
5. Financial Responsibility — A statement of financial responsibility from the applicant's parents or guardians covering the cost of tuition, fees, room and board, books and supplies for the academic year must be on file before the application is considered.

After the international student has been admitted to the University, he must deposit \$800.00 (U.S.) to cover tuition for the first quarter he is in attendance. Additional expenses for room, board and fees are payable upon registration. Thereafter, the international student's account for tuition, fees, room and board are payable by the quarter upon registration.

POST BACCALAUREATE STUDENT ADMISSION

A post baccalaureate student is one who has earned one or more degrees and who is enrolled for credit that will not be applied to a graduate degree. A student may be admitted upon receipt of the required credentials listed under "Transfer Student Admission".

ADDITIONAL REQUIRED MATERIALS

After a student has been admitted to Houston Baptist University, the following credentials must be submitted prior to registration:

1. Health Form — A "Student Health Record" properly filled in by a physician is required of students taking more than six hours. This form should be on file with the Student Health Service prior to registration.
2. Tuition Deposit — Applicant will be notified promptly of acceptance. A \$25.00 non-refundable deposit is then required. This should be submitted to the Student Development Office within two weeks of notification. This deposit will apply on the first quarter's tuition.



FINANCIAL AFFAIRS

Houston Baptist University is a non-profit educational institution and receives contributions from the Baptist General Convention of Texas and from Baptist churches, gifts from the local business community; and gifts from interested individuals and foundations. The tuition and fees paid by the students cover only fifty per cent of the instructional and operating cost of the University. Therefore, each student at Houston Baptist University has a grant-in-aid that is equal to approximately one half of the total actual costs.

TUITION AND FEES

Application Fee —	
non-refundable	\$15.00
Tuition deposit —	
non-refundable	25.00
Matriculation fee —	
annually	10.00
Convocation fee —	
per quarter	8.33
College Level Examination	
Program fee	25.00
Recording fee for Advanced	
Placement credit —	
per semester hour	5.00
Tuition	
1-6 per semester hour	80.00
7-10 per semester hour	75.00
11-and above per sem. hour ..	70.00
Applied music fee — per quarter	
One 30-minute lesson	
per week	100.00
Two 30-minute lessons	
per week	200.00
Art Lab fee per quarter	25.00
Science Lab fee per quarter	25.00
Late registration fee — after	
registration day	25.00
Change of schedule fee	5.00
Graduation fee	25.00

DORMITORIES

Dormitories are available for both men and women. Room and board is \$546.80

per quarter. A refundable deposit of \$25.00 is required of dormitory students. University apartments are available for married students.

ESTIMATE OF EXPENSES PER QUARTER (Based on average class load of 11 sem. hrs.)

	<i>Resident</i>	<i>Commuter</i>
Tuition and Fees—	\$ 778.33	\$778.33
Room and Board—		
15 meals per week	546.80	
	<hr/>	<hr/>
	\$1325.13	\$778.33

PAYMENT OF ACCOUNTS

Student accounts for tuition and fees are due and payable by the quarter upon registration. Board and room charges may be paid on a monthly basis. Registration is NOT complete until a student has completed financial clearance in the Business Office. A Late Fee of \$25.00 is assessed for students who fail to clear the Business Office by Registration Day.

Arrangements for loans or other financial aid should be made prior to registration. MUST be credited in the Business Office by Registration Day.

REFUND POLICY

The University plans its expenditure for the year based on the anticipated attendance of students who have been accepted for registration by the Committee on Admissions. Its instructional and operating costs are not reduced by the withdrawal of a student after a quarter has begun. There may be a full refund of tuition and fees during the first week of school (except Application Fee and non-refundable tuition deposit). Afterwards, there is no refund except that any student forced to withdraw by circumstances beyond his control may

apply to the Business Manager for a partial refund.

FINANCIAL AID

The financial aid policy of the university is to meet the financial needs of all qualified students through the use of one or more of the programs listed below. Financial need is determined from the report of the College Scholarship Service. A Financial Aid Transcript is required of all transferring students.

Each applicant for aid should submit the Financial Aid Form to the College Scholarship Service at the address indicated on the form. This form may be obtained from high school counselors or the Financial Aid Office at Houston Baptist University.

In addition an Application for Financial Aid and all other forms should be filed with the Financial Aid Office by June 1. A plan of aid will then be prepared to meet the needs of each student. The "package" may include several kinds of assistance but in no circumstance will more than one type of institutional grant or scholarship be awarded.

Academic Scholarships

These scholarships are awarded on past academic achievement. Eligibility for these scholarships include: pre-freshman, graduate in top 5% of class, score 1000 on SAT or 23 on ACT. Transfer students must have a cumulative GPA of 3.5

Full Tuition Endowed Academic Scholarship

A limited number of fully endowed tuition scholarships are available for high school seniors or college transfer students who have demonstrated superior academic achievement and leadership ability. Application should be made in January for the following academic year. For complete information contact the Director of Student Development.

Grants-in-Aid

These grants are made to students

who do not academically qualify for scholarships but who can contribute special abilities in areas of Athletics, Debate, Drama, and Music.

Tuition Equalization Grants

The purpose of this program is to encourage students to attend the university of their choice without cost as a major consideration. To be eligible for a Texas Tuition Equalization Grant, a person must (1) be a Texas resident; (2) be enrolled as a full time student; (3) establish financial need; (4) not be a recipient of any form of athletic scholarship; (5) not be enrolled in a religious or theological degree program.

Supplemental Educational Opportunity Grants

Supplementary Educational Opportunity Grants from the Federal Government are available to aid academically qualified students who meet the financial need criteria specified by the government. The Financial Aid Form must be filed.

Nursing Scholarships

These scholarships are granted to students majoring in nursing and who demonstrate a financial need. Students applying for this assistance should file the Financial Aid Form. The funds for Nursing Scholarships are provided by the Federal Government, Houston Endowment, Foundations, and interested individuals.

Ministerial Aid

Financial aid for church-vocations students will be awarded according to the following formula:

(1) Southern Baptist students committed to a preaching ministry may receive \$10 per semester hour from the Baptist General Convention of Texas plus up to \$10 per semester hour from Houston Baptist University.

(2) Southern Baptist students committed to or considering a non-preaching ministry may receive up to \$10 per semester hour from Houston Baptist University.

(3) Ministerial scholarships and

Church Related Vocation Scholarships will be awarded upon recommendation of the Associate for Christian Life and Student Affairs.

Work-Study Program

Eligible students may participate in the Federal Work-Study Program. Campus jobs and related project jobs are available for a maximum of 20 hours per week.

Off-Campus Employment

A service is available to assist students in finding part-time jobs off campus. Students interested in such employment should contact the Financial Aid Office in person.

Educational Loans

Houston Baptist University participates in the National Direct Student Loan, Nursing Student Loan and the Federally Insured Student Loan programs. All of these loans are low interest, long repayment educational loans. Financial need is one of the criteria for the National Direct Student Loan and the Nursing Student Loan. Application should be made well in advance of registration.

Veterans Benefits

Houston Baptist University is approved for veterans benefits. Contact the VA Representative in the Registrar's office for specific details.



Academic Policies

Undergraduate Program

The University is scheduled to operate on a semester hour basis with a quarter calendar as indicated by the official calendar which appears at the front of this bulletin, and academic policies explained here conform to that pattern.

STUDENT RESPONSIBILITY

Each student is responsible for a knowledge of and adherence to regulations governing registration, withdrawal, degree plans, graduation requirements, and the payment of tuition and fees.

CLASSIFICATION OF STUDENTS

<i>Freshman:</i>	Less than 32 semester hours of credit
<i>Sophomore:</i>	At least 32 and not more than 63 semester hours
<i>Junior:</i>	At least 64 semester hours, and an approved degree plan on file with the Registrar
<i>Senior:</i>	At least 96 semester hours and a 2.00 scholastic standing or above
<i>Special:</i>	A student over 21 years of age, with demonstrated ability to do acceptable university work, but indicating by signed statement that he is not interested in following a degree program
<i>Part-Time Student:</i>	One registered for less than 8 semester hours in a regular quarter

COURSE NUMBERS

The courses of instruction are numbered in such a way as to reveal at

a glance the intended level of the course and the number of semester hours to be earned by taking the course. The first digit denotes the level or the year in which the course is usually taken: 1 — freshman; 2 — sophomore; 3 — junior; 4 — senior; 5 — post-graduate or graduate; 6, 7, and 8 — graduate. The second digit indicates the semester hour value of the course. The third and fourth digits indicate the departmental sequencing of the course. The student must designate at registration the way he wants the credit recorded and may not change this after registration for that term is closed.

Courses listed on the same line and having the same description are sequence courses. If the numbers are separated by a hyphen, both must be successfully completed before a student may receive credit in either. If the numbers are separated by a comma, it is strongly recommended that both be completed in order to receive credit in either.

THE GRADING SYSTEM AND QUALITY POINTS

To record the level of student achievement and stimulate quality work, the university system of grading is expressed in letters and quality points as indicated below:

- A— for excellent work — 4 quality points per semester hour
- B— for above average work — 3 quality points per semester hour
- C— for average work — 2 quality points per semester hour
- D— for below average work — 1 quality point per semester hour
- IS— for satisfactory progress, work incomplete — 0 quality

points and 0 semester hours
— becomes "F" if not
completed within one year

F— for unsatisfactory work — 0
quality points and hours
attempted, no credit

IU— for unsatisfactory progress,
work incomplete — 0 quality
points and hours attempted
— becomes "F" if not
completed and satisfactory
grade obtained within one
year

P— for pass-fail courses —
described below

W— for withdrawal within first four
weeks of the quarter — after
four weeks and through the
eighth week a "WP" or "WF"
will be recorded to indicate
student performance during
the period enrolled, and hours
attempted will be included in
calculation of scholastic
standing — withdrawal after
the eighth week cannot be
approved and a grade of "F"
is automatically recorded.

X— for courses audited — no
quality points and no hours
attempted

PASS-FAIL COURSES

Houston Baptist University students may register for one elective course each quarter on a pass-fail basis. Such an option is offered to encourage students to broaden their educational contacts through participation in courses outside their major fields without fear of competition with students who have more extensive experience in the selected area. This option will not apply to courses required by the University for a degree. Also, courses taken on this basis are not to be used as a part of a major. They are to enable a student to explore an area of interest and to give breadth to his university experience. The hours earned in pass-fail courses are counted in the total required for a degree, but do not affect the scholastic standing of the student. Courses taken on this basis are

counted as a part of the student load for the term, and the type of registration elected for any course may not be changed after the last date to register as posted in the class schedule. These courses are designated at registration by a "P" following the course number. This option will not apply to courses required by the University for a degree except in the case of Physical Education. Please see paragraph below.

Required activity courses in physical education are usually graded on a pass-fail basis, (as are all courses in which attendance is the only criterion for assigning grades) but a student may choose to receive an "alpha" grade by so designating at registration.

FINAL EXAMINATIONS

Final examinations are required in all courses and must be taken as scheduled. By faculty action a graduating senior may, for courses taken in the last quarter for which he is registered, have the option of either taking a final examination or accepting the grade assigned by the teacher on the basis of work completed in the course. If the student elects to take a final examination it must be completed and the final grade reported at the time required by the Registrar for the processing of grades for graduation.

SCHOLASTIC STANDING

A cumulative record of the quality point standing of each student will be maintained and those failing to achieve acceptable minimums will be placed on academic probation for one quarter and their enrollment terminated at the end of the quarter if satisfactory progress is not made. The grade point average on which this action is based is determined by dividing the number of grade points earned at Houston Baptist University by the number of semester hours attempted at Houston Baptist University, with repeated courses considered only once in the calculation. A student dropped from enrollment because of scholastic

deficiencies may apply for readmission, to the Committee on Admissions, after the end of the suspension period.

A student must attain the following cumulative scholastic levels:

Freshman — 0-15 semester hours	1.70
Freshman — 16-32 semester hours	1.80
Sophomore - 33-47 semester hours	1.90
Sophomore - 48-63 semester hours	2.00
Junior and Senior — 64 semester hours and above	2.00

Each student failing to earn the standing designated above will be placed on academic probation and removed from the list of degree candidates until the appropriate cumulative standing is attained.

A freshman failing to attain 1.70 at the end of the first quarter will be warned by the Registrar and notification of this action will be sent to his faculty adviser and parents or guardian with the grades for that term. Each other student failing to earn the standing designated above will be placed on academic probation and removed from the list of degree candidates until the appropriate cumulative standing is attained. No student may register as a senior or be considered as a candidate for a degree who does not have a 2.00 cumulative standing. A student must maintain the cumulative academic standing specified for his classification to be eligible to represent the University.

A student on academic probation must earn a 2.00 standing in the current quarter to be eligible to continue in enrollment beyond that quarter. Each student failing to attain this standing will be suspended and may not apply for readmission until at least one full quarter has passed. Removal from academic probation requires a 2.00 average. A student readmitted by the Admissions Committee after a period of academic

suspension and not attaining a 2.00 will be suspended and not allowed to apply for readmission in less than one calendar year from his last period of enrollment. Readmission must be approved by the Admissions Committee. Readmission is not guaranteed by the Admissions Committee after a student is suspended. A third academic suspension shall be permanent.

DEGREES WITH DISTINCTION

Honors at graduation are awarded to students who have completed a minimum of 64 semester hours in residence at Houston Baptist University and earned an appropriate number of quality points to be eligible for the honors indicated. An average standing of 3.5 entitles the student to graduate *cum laude*; 3.7 *magna cum laude*; 3.9 *summa cum laude*.

ATTENDANCE REGULATIONS

Regular and punctual attendance is essential to successful achievement. Each student is responsible for all work from the first day of class and must make satisfactory arrangements with his teacher regarding any absence. Faculty members will maintain a complete and accurate record on the attendance of each student, and report to the student and his adviser whenever irregular attendance is endangering the student's status in the class. If the irregularity persists the student may be dropped from the enrollment by the Vice President for Student Affairs on recommendation from the instructor in the course and the student's adviser.

Absences due to university activities may be approved in advance for students in good standing only, by the Vice President for Student Affairs on recommendation of the faculty sponsor accompanied by a list of those involved and including full information regarding the nature and extent of the activity. These approved lists will be circulated to faculty members and administrative officers in advance so that proper adjustments may be made and full advantage of the activity gained. The individual student is

responsible for making up any work missed regardless of the reason for the absence.

In order to be eligible to receive credit in any course a student must be present for at least two thirds of the class sessions, discussion group meetings and other scheduled activities related to that course. This limitation applies regardless of the ability of the student and the quality of the work he has done.

Students, faculty members, and administrative officers are required to attend official convocations of the University. All students are required to participate regularly in chapel services and student assemblies until the graduation requirement has been completed.

REGISTRATION

Registration will be conducted as scheduled in the University Calendar at the beginning of each term. Students in good standing and those approved for admission (see Admissions) will be eligible to participate. Insofar as is possible, individual student schedules will have been predetermined through prior counseling and pre-registration, but all faculty members and administrative officers will be available to give additional guidance as needed. To become a member of any class and eligible for credit the registration procedure must be completed, including financial arrangements at the Business Office. Faculty members will receive their class lists from the Registrar after each name has been cleared by the Business Office. A late registration fee will be charged those failing to complete registration by the designated day. No student may register or enter a new class after the end of the first week in each quarter. The student must decide at registration the way he wants the credit recorded in a cross listed course and may not change this after registration for that term is closed.

A change in schedule after the day designated will involve the payment of

a special fee and the approval of the change by the student's adviser and the instructor of each class involved. A form for this purpose will be provided by the Registrar and a signed copy returned to that office, with copies for the adviser and the Business Office.

WITHDRAWAL PROCEDURE

A student who ceases to attend class should follow the prescribed withdrawal procedure to protect his status and leave himself in the best possible position with respect to future registration at this or another university. Failure to do so may result in a lower scholastic standing and a greater financial loss. Proper forms and instructions to follow may be obtained from the Registrar.

A "Field of Interest" course or an elective may be dropped within the first eight weeks of the quarter on signed approval by the instructor and the student's adviser so long as the total load for that student remains 8 or more semester hours. No class may be dropped after the end of the eighth week in the quarter. To change to a load less than 8 semester hours, cease attendance altogether, or drop a required course, requires the additional approval of the Vice President for Student Affairs. Grades assigned on withdrawal are determined by the "Grading System," described elsewhere in this Bulletin. Refunds, if due, will be made by the Business Office in accord with policies outlined in the financial section.

OFFICIAL SUMMONS

A student who neglects or disregards an official request for a conference with a faculty member or an administrative officer will be subject to immediate suspension. Such requests may be delivered in person, by telephone, or by First Class Mail.

COUNSELING AND GUIDANCE

Guidance service for students at Houston Baptist University begins with the first contacts made with the prospective student. On the basis of the preparatory school grades, rank in

class, scores on College Entrance Examination Board Tests (or ACT Tests), and information included in the Application for Admission, the student is first advised as to whether it appears he is suited to and likely to be happy in the program provided. For those approved for admission, this same information, supplemented by that gained from conferences, serves as a basis for preliminary classification and assignment.

ACADEMIC LOAD

The minimum number of semester hours to complete a degree at Houston Baptist University (130) determines that a student must earn approximately 11 semester hours each quarter to make normal progress. In actual practice it is anticipated that a majority of those completing a degree will accumulate a number of hours beyond the minimum. This, then, presumes a normal load of 12 semester hours with an allowed maximum of 13 semester hours. Students registered for 8 or more semester hours in a regular quarter are considered to be full-time students.

MAJORS AND MINORS

Since each graduate of Houston Baptist University will complete a major in each of two selected academic fields of interest, minors will not be recognized or indicated on student records. Not more than 36 semester hours in the same field may be counted as a part of a degree program.

DEAN'S LIST AND HONOR ROLL

In order to encourage excellence in scholarship and give recognition to superior achievement, A Dean's List and Honor Roll is released by the Registrar each quarter. Full-time students maintaining a quality point average at a level, which if continued would make them eligible to graduate with honors (3.5 and above), are included on the Dean's List. Those completing a minimum of 8 semester hours with a standing of 3.25 through 3.499 comprise the Honor Roll.

Students registered for fewer than 8 semester hours and meeting any of the above standards are included on an Honorable Mention List.

TRANSFER CREDIT

A student otherwise eligible to transfer to Houston Baptist University from another collegiate level institution may expect to receive as liberal an acceptance of his previous academic work as is consistent with regulations which must be observed among colleges, and universities, and with the maintenance of a high quality level on this campus. In general, an official transcript from an accredited college or university is accepted and recorded as received, and the courses completed used to the fullest extent possible to apply toward a degree.

A transcript from a non-accredited institution can be validated and used in the same way only after the student has demonstrated by at least a quarter of full-time residence study on this campus, his ability to succeed in a program such as is offered here, and in advanced courses in his selected fields of interest. Credit from a non-accredited institution may be accepted only upon approval of the Registrar prior to first matriculation at Houston Baptist University.

A transcript from a non-accredited institution can be validated and used only after the the student has completed the first 8 semester hours at Houston Baptist University with a minimum grade point average of 2.00.

A transfer student must meet the same scholastic standings as other full-time students. (See Page 17). A transfer student with fewer than 30 semester hours must submit a high school transcript and scores on SAT or ACT tests. No credit by correspondence, and no course received in transfer with a grade of "D" will be counted toward a degree. Credit for extension courses may be applied toward degree requirements by petition and supporting evidence which establishes the equivalency of

the extension work to that of the regular instructional program of the institution issuing the credit.

Students contemplating transient enrollment at any other institution, must secure prior approval in writing from the Registrar at Houston Baptist University in order for credits to be accepted in transfer. Only credit from institutions listed in the current Directory of the National Center for Educational Statistics will be considered for transfer.

All grades earned remain a part of a student's permanent record. Low or failing grades are included in the calculation of the quality point standing unless the course is repeated. If a course is repeated at an accredited higher education institution with a passing grade, the higher grade is calculated into the cumulative grade point average. Repeated courses are counted only once in the over-all grade point average computation.

ADVANCED STANDING

High school graduates with strong academic records who have completed college level work while in high school may receive course credit in appropriate fields of interest subjects at Houston Baptist University. To become eligible for this credit an applicant must make a satisfactory score on the College Board Advanced Placement Examination in the subject in which credit is desired. Prospective students are encouraged to consult their high school counselors and arrange to take the Advanced Placement Examinations for which they are eligible in the spring prior to expected fall enrollment. These examinations are normally given once each year, usually in May. Complete information may be obtained by writing the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540.

All full-time entering students with fewer than 33 semester hours credit are invited to take the General Examinations of the College Level Examination Program of the College

Board. A student at the 71st percentile or above shall be eligible to receive the following credit.

English 1313, 1323 — 6
semester hours
History 2313, 2323 — 6
semester hours
Mathematics 1303, 1313 — 6
semester hours
Natural Science 1414, 1424 —
8 semester hours

Examinations are available for those students wishing advanced standing in French, German and Spanish.

The subject examinations in this same program and other approved examinations are available to students who have developed special abilities and would like to demonstrate eligibility for additional credit.

Advanced standing credit, regardless of how it is obtained, is recorded at Houston Baptist University only after the student has completed one quarter in residence earning 8 or more semester hours with a scholastic standing of 2.00 or above. A service fee of \$5.00 per semester hour is charged at the time any advanced placement credit is recorded. Credit obtained by Advanced Placement will not excuse a Houston Baptist University student from any of the Interdisciplinary Courses required for all students, but may be used to good advantage in satisfying a specific course requirement or as a part of a field of interest which may become a major.

ARMY ROTC CROSS-ENROLLMENT PROGRAM

Although Houston Baptist University does not have an Army Reserve Officers Training Corps unit on campus, men and women students may participate in the program at Rice University. The cross-enrollment program is an arrangement between the student and the Military Science Department at Rice University. Academic credits are transferred to the student's records at Houston Baptist University. Underclassmen spend two

hours in class and leadership lab a week. The Army ROTC prepares selected college students for positions of responsibility in the Active Army and its Reserve Components. It enables a college student to earn a commission as an officer at the same time he earns an academic degree in a field of his choice. The ROTC program prepares the individual to pursue either a military or a civilian career. No tuition is charged for the courses and students enrolled in the Advance Course receive \$100 per month for the time they are studying in their Junior and Senior years. Veterans may enroll directly into the Advance Course and there is a two-year program for those students completing their second year of studies.

Interested students should contact the Army ROTC Unit, Rice University, Houston, Texas 77001 — (713-527-4956)

NAVAL RESERVE OFFICERS TRAINING CORPS

Although Houston Baptist University does not have a Naval ROTC Unit on campus, qualified men and women may participate in the program at Rice University. The cross-enrollment program is an arrangement between the student and the Naval Science Department at Rice University.

There are four NROTC Programs which lead to a commission in the regular or reserve components of the Navy or Marine Corps:

1. A four year Scholarship Program leading to a commission in the regular Navy or Marine Corps. This program provides all tuition, books, school fees and uniforms plus \$100 per month.
2. A four year College Program which leads to a commission in the Naval or Marine Corps Reserve. All books and uniforms required for Naval Science courses are provided.
3. A two year Scholarship Program covering Juniors & Seniors.
4. A two year Nuclear Propulsion Candidate Scholarship Program

which may lead to Nuclear Power Training after graduation.

Interested students should contact the Naval ROTC Unit, Rice University, Houston, Tx. 77001 (713-527-4825)

MILITARY SERVICE CREDIT

The recommendations of the American Council on Education will be followed in allowing eligible ex-service men and women college credit for satisfactory completion of formally organized Service School programs. Courses taken through the United States Armed Forces Institute, and other recognized military educational programs, will be accepted when presented on official transcripts. All records of such training should be submitted as a part of the student's initial admission data, with a request for allowance of credit thought to be due, so that advisers can help avoid duplication of this work in residence courses which would invalidate the service school credit. Before any such credit may be recorded as a part of the student's official record, however, the student must qualify as a resident student in good standing at this University. This may be done by completing a minimum of 8 semester hours of standard residence courses with a 2.00 ("C" average) scholastic standing or above. No credit will be allowed on the basis of the General Educational Development Tests (college level) and no credit in physical education is awarded for military service experience or training.

APPLICATION FOR DEGREE

Each student must pay his graduation fee and file for graduation at least three quarters prior to the date he/she expects to graduate. The Application for Graduation Card will verify the name as it should appear on the diploma, the date the degree is expected, and the major fields of interest to be completed as a part of the degree requirements. The student will also be asked to confirm the fact that he expects to be present and participate in both the baccalaureate and the commencement exercises.

TRANSCRIPTS

Official scholastic records will be maintained in perpetuity for each student who registers for credit at Houston Baptist University. These records are really the joint property of the student and the university, and as such will be handled with customary care and confidence. Certified copies will be available to students and graduates. The first copy requested is furnished free of charge. Additional copies will be provided for a fee of \$1.00 each. To obtain this service, the person whose record is involved completes and signs a Transcript Request Card and leaves it with the appropriate fee, if due, at the Records Office. Transcripts cannot be released until satisfactory arrangements have been made regarding all financial obligations to the University. It is a pleasure, however, to continue to serve former students and graduates in this important way through the years.

If a student questions any grade as recorded in the University Registrar's Office, the student has a period of five years beginning with the end of the term that the grade was awarded to challenge the accuracy of the grade. At the end of five years, the permanent record card will become the absolute record.

PRE-LAW SUGGESTED PROGRAM

Students preparing to enter a law school should plan their programs with attention to educational breadth in fields of their choice. The opportunity to choose two majors will enable the prospective law school student to prepare himself more broadly than might usually be possible. Regardless of the choice of majors, an ability to use the English language is a requisite for a successful legal career. A broad acquaintance with history, an understanding of our social and governmental institutions, an appreciation of English literature and the classics, a knowledge of philosophy, economics and logic, together with a training in science and the scientific method, as well as basic

speech courses and accounting are all basic elements in laying a broad background for the law school. Suggested majors include: accounting, economics, English, history, management, political science, psychology, sociology, and speech. Students interested in a pre-law program are encouraged to establish a relationship with one of the members of the pre-law committee for special advising in this area. In the Spring Quarter of the Junior year students are advised to make preparations for the Law School Admissions Test and for compiling the information required by the Law School Data Assembly Service. Information on these programs is available at the Registrar's Office.

PRE-MED SUGGESTED PROGRAM

Beginning with the graduation of the first class in 1967, Houston Baptist University has enjoyed a high ratio of acceptances to all state medical and dental schools and Baylor College of Medicine. The careful counseling of individual pre-med, pre-dental students by members of the pre-professional advisory committee, coupled with proper guidance to preparing students for MCAT (Medical College Admission Test) and DAT (Dental Aptitude Test) has resulted in placing many students who received honors in professional schools.

In addition to fulfilling the degree requirements for Houston Baptist University, a candidate for medical or dental school must complete the following courses:

2 years of Biology, including lab
Chem 2414
Chem 3313-3333, 3121, 4262
Math 2434
Physics 2313, 2323, 2232

A student must complete three quarters of residence at Houston Baptist University before a recommendation to a medical or dental school will be sent.

EVENING PROGRAM

In 1974 Houston Baptist University established formal offering of courses

which would allow a student to complete requirements for a degree by attending on a part-time, evening basis.

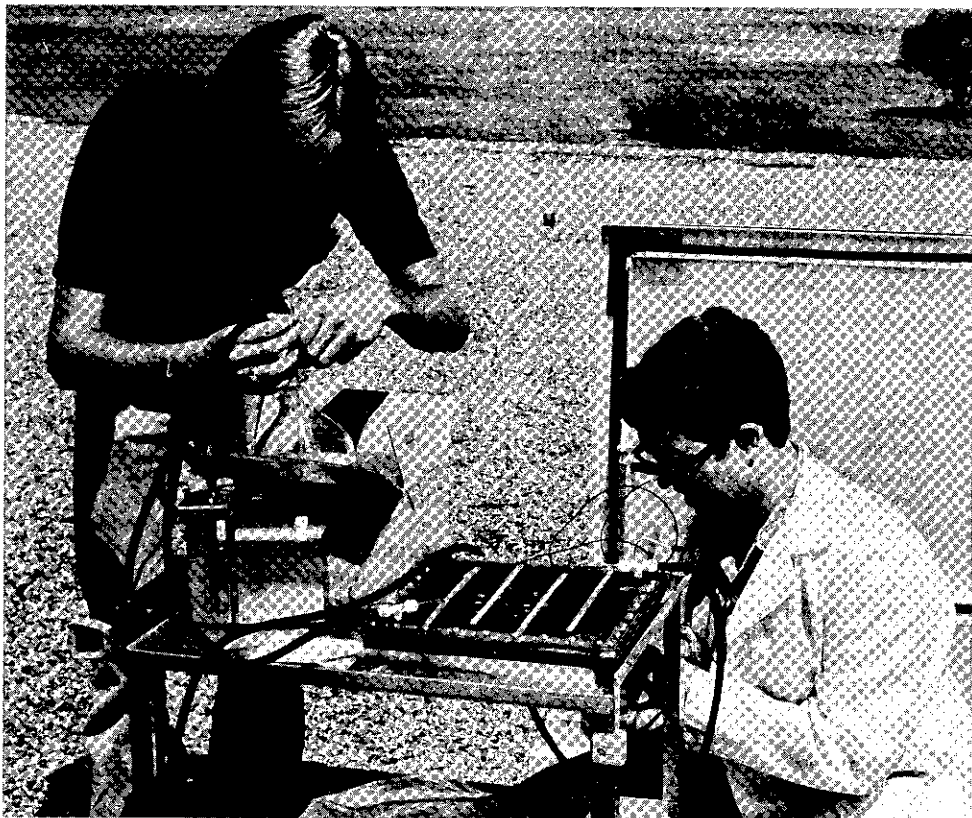
This expansion was made to provide the Houston Baptist University community area with work oriented service courses for degree completion, and for continuing education refresher courses.

CONTRACT

When a student is admitted to Houston Baptist University, a contract has been consummated between the student and the University. This contract commits the student to being

responsible for knowing and abiding by all the rules and regulations of the University as published in this Bulletin of information and the Student Handbook, and for taking advantage of the educational opportunities provided by the University. The University is responsible for providing the best educational opportunities for the students of which it is capable.

As indicated above, students applying for admission to Houston Baptist University must agree to abide by the policies and regulations established by the Board of Trustees, administration and faculty.



THE ACADEMIC PROGRAM

The Academic Program of Houston Baptist University presents a new and highly coordinated sequential approach to a thoroughly sound undergraduate education. Interdisciplinary Courses at the sophomore level, taught by carefully selected and highly trained teams of faculty members, are designed to assure each graduate an opportunity to unite the wisdom of the ages in his attempt to face and solve in a creative way problems of his day. These are supplemented by a selected array of sound academic disciplines which afford areas of interest in which special competence may be attained. All instruction is presented in a framework that is consistent with the fullest meaning of the Christian commitment, and a required sequence of courses in Bible and Christianity guarantees that all graduates attain an acceptable level of Christian literacy.

The freshman year is devoted chiefly to a study of those courses generally required at this level in programs leading to the Bachelor of Arts, the Bachelor of Science or the Bachelor of Music Education degree. A thorough survey of both the Old Testament and the New Testament is required for each student at this level. There are six semester hours dealing with language and literature, which include the writing of compositions. Natural Science, a team-taught integration of biology, chemistry, and physics or a foreign language and math is required. Ample time is available for each student to begin work in academic fields of individual interest leading toward the two majors which must be a part of each degree program. Regular participation in student assembly and chapel is required.

The Interdisciplinary Courses are offered in two sequences, "Culture and Human Experience" and "Great Issues of the 20th Century." The sequence entitled "Culture and Human Experience," is directed by a team of faculty members and designed to bring each student face to face with man's

imposing cultural accomplishments and to encourage an appreciation of them. A parallel and closely related course required for all sophomores is World Literature. United States history or American Economic System and American and Texas Government should be included. A broader list of individual interest fields is available for student selection. Regular participation in student assembly, chapel, and physical education is required. The Interdisciplinary Course "Great Issues of the 20th Century," has as its goal for each student the development of a familiarity with the steps man has taken and is now taking to master his total environment. Special attention is given to the major unsolved problems of the era and to the attempted and proposed solutions.

In the junior year, to acquaint the student with the important place Christianity occupies in our American way of life and with the organization and work of leading denominational groups, a course dealing with Christian thought and denominational practices is required. Further development of individual interest fields toward the two majors required for graduation, and a possible choice of free electives account for the remaining available time.

In the senior year, "Senior Seminars" claim a large block of the time and attention of each student. These seminars serve as capstone and climax courses in individual interest areas, and to integrate this work with that done in the previously completed courses. Individual responsibility and independent study is emphasized. Free electives are available for those who have time to take advantage of these additional opportunities.

Long range planning for the second decade in the history of the University, in which there was wide participation of all elements in the university community, established some general principles which convey convictions

and aspirations which determine the quality of instruction and life style on this campus. Degree requirements and curricular patterns are determined in a large measure by adherence to these principles.

1. Considerable breadth in general education is important for all regardless of specific vocational choice.
2. An appreciation of our Christian Heritage based on sound biblical knowledge is desired for all.
3. The American Heritage inclusive of cultural, economic, political, and social backgrounds should be understood and related to current conditions.
4. The student should have ample opportunity to develop at some depth particular fields of interest.
5. There should be some room for a student to explore subject areas outside his chief academic fields.
6. True integration of subject matter and team teaching is an effective and economical method of attaining goals of the type we seek.
7. There must be some guarantee

that a minimum proficiency in English usage and oral communication is attained.

Research Center

The Board of Trustees of Houston Baptist University authorized the establishment of the Research Center in 1968 because of increased interest in research and needs in the Houston community. The Research Center functions as an interdisciplinary organization, under the guidance of a Director and the Advisory Committee on Research.

The objectives of the Research Center are the following: (1) to assist the administration in communicating with the faculty regarding the availability of funds and plans for research, training institutes, and special projects; (2) to assist faculty members in the preparation of proposals; (3) to assist the faculty members and the administration in securing support for projects; and (4) to assist faculty members in conducting research projects, institutes, and other special projects.

The major function of Houston Baptist University is teaching; therefore, priority is given to proposals where faculty members involve students in projects. Projects which are interdisciplinary and directly related to the university curriculum are especially encouraged.

Degree Requirements

BACHELOR OF ARTS

An approved degree plan must be on file with the Registrar before anyone with 64 or more semester hours can be cleared for registration. Each student is responsible for a knowledge of and adherence to regulations governing registration, withdrawal, degree plans, graduation requirements, and the payment of tuition and fees. Degrees are conferred only once each year as scheduled in the University Calendar. Once a student begins a degree program at Houston Baptist University it is expected that he will complete his degree requirements at Houston Baptist University. Candidates for degrees must complete the following requirements:

1. A minimum of 130 semester hours, including 2 semester hours in 2 different activity courses but not more than 4 semester hours in activity courses in physical education and not over 4 semester hours of other student activity type courses, and not fewer than 48 semester hours of upper level courses.
2. The minimum residence requirement is 32 semester hours including at least 12 semester hours of upper level courses in each major completed at Houston Baptist University with a grade of "C" in each course. A student whose degree program includes 60 semester hours in residence at this University may be allowed to earn 6 of his last 30 hours in another approved institution. (No credit by correspondence, and no course received in transfer with a grade of "D" will be counted toward a degree. Credit for extension courses may be applied toward degree requirements by petition and supporting evidence which establishes the equivalency of the extension work to that of the regular instructional program of the institution issuing the credit.) Students may not be enrolled concurrently at another college or university while enrolled as a full-time student at Houston Baptist University.
3. Regular attendance at all convocations is required and there is a student assembly and chapel attendance requirement for graduation.
4. Satisfactory performance on the Field Tests of the Undergraduate Assessment Program, Graduate Record Exam Advanced tests, or Medical College Aptitude test, Dental Aptitude test, or Comprehensive Subject Examination in each of two majors must be demonstrated before a degree can be granted. (Satisfactory performance is defined as a score above one standard deviation below U.A.P. National mean in each major or recommendation of the faculty of the major department). All students must take the English Proficiency Examination during the next quarter of registration following completion of 12 required semester hours of English. All students must pass the English Proficiency Examination before a degree can be granted.
5. A minimum cumulative scholastic standing of 2.00 ("C" average) must be attained, and no grade of less than "C" in courses required within each major.

6. Minimum academic program requirements for all graduates are:

	Sem. Hrs.
6.1 Christianity 1313, 1323, and 3323	9
6.2 English 1313, 1323, 2313, 2323	12
6.3 Interdisciplinary Course 2301, 2302, 2303, 2304 or 2311, 2312, 2313, 2314	6
6.4 Foreign Language	6
6.5 Mathematics 1313	3
6.6 Physical Education 2111	2
6.7 Social and Behavioral Sciences (See Note 1)	12
6.8 Two majors (See Notes 2, 3, and 4)	48
6.9 Program requirements and electives	32
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	130

Note 1. These 12 semester hours must include either 3 semester hours in The American Economic System 1301 and 3 semester hours in American and Texas Government 2313 or 6 semester hours in The United States (Our American Heritage) 2313, 2323. The other 6 semester hours may be Great issues of the 20th Century 2311, 2312, 2313, 2314 or selected from economics, history, political science, psychology, sociology, or Speech 1313.

Note 2. Two academic majors: 48 semester hours (24 hours each) and not over 36 semester hours in either field may be counted toward a degree. Each major must include a minimum of 12 semester hours above the sophomore level. Senior Seminars (8 semester hours) are included in these totals.

Note 3. Senior Seminars are required in each major field, and to be eligible to register for a Senior Seminar a student must have completed a total of 80 semester hours, 15 of which must be in the field to be studied, and have a 2.00 cumulative quality point standing.

Note 4. At the date of this publication, January 1979 majors may be selected from accounting, applied science, art, bilingual education, biology, chemistry, Christianity, church music, early childhood education, economics, elementary education, English, finance, French, history, life-earth science, mass media, management, mathematics, medical technology, music, para-medical sports therapy, physical education, political science, psychology, sociology, social work, Spanish, speech, theatre arts.

Supporting courses and electives may be selected from education, German, Greek, philosophy, physics.

Programs qualifying teachers for certification to teach in both the elementary and the secondary schools are offered.

In order to register as a junior and become a candidate for a degree a student must have on file with the Registrar an approved degree plan showing the exact program to be followed and the expected date of graduation. This may be done at any time during the sophomore year and may not be changed after registration for the second quarter of the senior year is closed.

BACHELOR OF ARTS RECOMMENDED DEGREE PROGRAMS

Freshman

Sem. Hrs.

English 1313, 1323 — Language and Literature	6	
Christianity 1313, 1323 — Old and New Testaments	6	
Mathematics 1313	3	
Foreign Language, — French, German, Greek, Spanish (six hours in same language)	6	
Student selected and Faculty Adviser approved courses from the following list (See Note 1)	14	35

Accounting	Finance	Nuclear Medicine
Art	French	Technology
Bilingual	German	Philosophy
Education	Greek	Physical Educ.
Child	Guidance	Political Sci.
Development	Associate	Psychology
Church Music	History	Sociology
Early Childhood	Life-earth Science	Social Work
Education	Management	Spanish
Economics	Mass Media	Speech
Elementary	Mathematics	Theatre Arts
Education	Music	

Sophomore

English 2313, 2323 — World Literature	6	
Culture and Human Experience 2301, 2302, 2303, 2304 (See Note 2)	6	
Great Issues of the 20th Century 2311, 2312, 2313, 2314 (See Note 2)	6	
History 2313, 2323 — The United States (See Note 3)	6	
Physical Education 2111	2	
Student selected and Faculty Adviser approved courses from above list plus the following fields (See Note 1)	15	35

Applied Science	English
Biology	Medical Technology
Chemistry	Para-medical
Christianity	Sports Therapy

Junior

Christianity 3323 — Christian Doctrine	3	
Economics 1301 — The American Economic System and Political Science 2313 — American and Texas Gov't. (See Note 4)	6	
Student selected and Faculty Adviser approved courses from above lists plus the following fields	21	30

Professional Education

Special Education

Senior

Senior Seminar 4292, 4293 — Selected Major	4	
Senior Seminar 4292, 4293 — Selected Major	4	
Student selected and Faculty Adviser approved courses	22	30

Required for B.A. Degree (See Note 5) 130

Notes:

1. The recommended full-time student load is 8-12 semester hours each quarter.
2. Each graduate must complete 6 semester hours of Interdisciplinary Courses from INDC 2301, 2302, 2303, 2304, 2311, 2312, 2313, 2314. The student who completes 2301, 2302, 2303, or 2304 may elect to use 2311, 2312, 2313, or 2314 as 3 or 6 hours of the 12 hours in social and behavioral studies required for graduation, but if 2301, 2302, 2303, or 2304 is not taken 2311, 2312, 2313, or 2314 can not be used as a part of this 12 hours requirement.
3. History 2313, 2323 is required for teacher certification. Students in other programs may substitute Economics 1301 and Political Science 2313 for this graduation requirement.
4. Economics 1301 and Political Science 2313 are required for each student who has not completed History 2313, 2323. These courses may be used to complete the 12 hours required in social and behavioral studies by students having credit in History 2313, 2323.
5. Please check other more complete degree requirements as listed in DEGREE REQUIREMENTS including Notes 1 through 4 on Page 35.



Degree Requirements

BACHELOR OF SCIENCE

An approved degree plan must be on file with the Registrar before anyone with 64 or more semester hours can be cleared for registration. Each student is responsible for a knowledge of and adherence to regulations governing registration, withdrawal, degree plans, graduation requirements, and the payment of tuition and fees. Degrees are conferred only once each year as scheduled in the University Calendar. Once a student begins a degree program at Houston Baptist University it is expected that he will complete his degree requirements at Houston Baptist University. Candidates for degrees must complete the following requirements:

1. A minimum of 130 semester hours, including 2 semester hours in 2 different activity courses but not more than 4 semester hours in activity courses in physical education and not over 4 semester hours of other student activity type courses, and not fewer than 48 semester hours of upper level courses.
2. The minimum residence requirement is 32 semester hours including at least 12 semester hours of upper level courses in each major completed at Houston Baptist University with a grade of "C" in each course. A student whose degree program includes 60 semester hours in residence at this University may be allowed to earn 6 of his last 30 hours in another approved institution. (No credit by correspondence, and no course received in transfer with a grade of "D" will be counted toward a degree. Credit for extension courses may be applied toward degree requirements by petition and supporting evidence which establishes the equivalency of the extension work to that of the regular instructional program of the institution issuing the credit.) Students may not be enrolled concurrently at another college or university while enrolled as a full-time student at Houston Baptist University.
3. Regular attendance at all convocations is required and there is a student assembly and chapel attendance requirement for graduation.
4. Satisfactory performance on the Field Tests of the Undergraduate Assessment Program, Graduate Record Exam Advanced tests, Medical College Aptitude test, Dental Aptitude test, or Comprehensive Subject Examination in each of two majors must be demonstrated before a degree can be granted. (Satisfactory performance is defined as a score above one standard deviation below U.A.P. National mean in each major or recommendation of the faculty of the major department). All students must take the English Proficiency Examination during the next quarter of registration following completion of 12 required semester hours of English. All students must pass the English Proficiency Examination before a degree can be granted.
5. A minimum cumulative scholastic standing of 2.00 ("C" average) must be attained, and no grade of less than "C" in courses required with each major.

6. Minimum academic program requirements for all graduates are:

	Sem. Hrs.
6.1 Christianity 1313, 1323, and 3323	9
6. English 1313, 1323, 2313, 2323	12
6.3 Interdisciplinary Course 2301, 2302, 2303, 2304 or 2311, 2312, 2313, 2314	6
6.4 Natural Science 1414, 1424	8
6.5 Physical Education 2111	2
6.6 Social and Behavioral Sciences (See Note1)	12
6.7 Two majors (See Notes 2, 3, and 4)	48
6.8 Program requirements and electives	33
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	130

Note 1. These 12 semester hours must include either 3 semester hours in The American Economic System 1301 and 3 semester hours in American and Texas Government 2313 or 6 semester hours in The United States (Our American Heritage) 2313, 2323. The other 6 semester hours may be Great issues of the 20th Century 2311, 2312, 2313, 2314 or selected from economics, history, political science, psychology, sociology, and Speech 1313.

Note 2. Two academic majors: 48 semester hours (24 hours each) and not over 36 semester hours in either field may be counted toward a degree. Each major must include a minimum of 12 semester hours above the sophomore level. Senior Seminars (8 semester hours) are included in these totals.

Note 3. Senior Seminars are required in each major field, and to be eligible to register for a Senior Seminar a student must have completed a total of 80 semester hours, 15 of which must be in the field to be studied, and have a 2.00 cumulative quality point standing.

Note 4. At the date of this publication, January 1979 majors may be selected from accounting, applied science, art, bilingual education, biology, chemistry, child development, Christianity, church music, early childhood education, economics, elementary education, English, finance, French, guidance associate, history, life-earth science, mass media, management, mathematics, medical technology, music, nuclear medicine technology, nursing, para-medical sports therapy, physical education, physics, political science, psychology, sociology, social work, Spanish, speech, theatre arts. Supporting courses and electives may be selected from education, German, Greek, philosophy.

Programs qualifying teachers for certification to teach in both the elementary and the secondary schools are offered.

In order to register as a junior and become a candidate for a degree a student must have on file with the Registrar an approved degree plan showing the exact program to be followed and the expected date of graduation. This may be done at any time during the sophomore year and may not be changed after registration for the second quarter of the senior year is closed.

BACHELOR OF SCIENCE RECOMMENDED DEGREE PROGRAMS

Freshman

Sem. Hrs.

English 1313, 1323 — Language and Literature	6
Christianity 1313, 1323 — Old and New Testaments	6
Natural Science 1414-1424	8
Student selected and Faculty Adviser approved courses from the following list (See Note 1)	15 35

Accounting	Finance	Nuclear Medicine
Art	French	Technology
Bilingual	German	Philosophy
Education	Greek	Physical Educ.
Child	Guidance	Political Sci.
Development	Associate	Psychology
Church Music	History	Sociology
Early Childhood	Life-earth Science	Social Work
Education	Management	Spanish
Economics	Mass Media	Special Education
Elementary	Mathematics	Speech
Education	Music	Theatre Arts

Sophomore

English 2313, 2323 — World Literature	6
Culture and Human Experience 2301, 2302, 2303, 2304 (See Note 2)	6
Great Issues of the 20th Century 2311, 2312, 2313, 2314 (See Note 2)	6
History 2313, 2323 — The United States (See Note 3)	6
Physical Education 2111	2
Student selected and Faculty Adviser approved courses from above list plus the following fields (See Note 1)	15 35

Applied Science	English
Biology	Medical Technology
Chemistry	Para-medical
Christianity	Sports Therapy

Junior

Christianity 3323 — Christian Doctrine	3
Economics 1301 — The American Economic System and Political Science 2313 — American and Texas Gov't. (See Note 4)	6
Student selected and Faculty Adviser approved courses from above lists plus the following fields	21 30

Education

Nursing

Senior

Senior Seminar 4292, 4293 — Selected Major	4
Senior Seminar 4292, 4293 — Selected Major	4
Student selected and Faculty Adviser approved courses	22 30

Required for B.A. Degree (See Note 5) 130

Notes:

1. The recommended full-time student load is 8-12 semester hours each quarter.
2. Each graduate must complete 6 semester hours of Interdisciplinary Courses from INDC 2301, 2302, 2303, 2304, 2311, 2312, 2313, 2314. The student who completes 2301, 2302, 2303, or 2304 may elect to use 2311, 2312, 2313, or 2314 as 3 or 6 hours of the 12 hours in social and behavioral studies required for graduation, but if 2301, 2302, 2303, or 2304 is not taken 2311, 2312, 2313, or 2314 can not be used as a part of this 12 hours requirement.
3. History 2313, 2323 is required for teacher certification. Students in other programs may substitute Economics 1301 and Political Science 2313 for this graduation requirement.
4. Economics 1301 and Political Science 2313 are required for each student who has not completed History 2313, 2323. These courses may be used to complete the 12 hours required in social and behavioral studies by students having credit in History 2313, 2323.
5. Please check other more complete degree requirements as listed in DEGREE REQUIREMENTS including Notes 1 through 4 on Page 39.



Degree Requirements

BACHELOR OF MUSIC EDUCATION

An approved degree plan must be on file with the Registrar before anyone with 64 or more semester hours can be cleared for registration. Each student is responsible for a knowledge of and adherence to regulations governing registration, withdrawal, degree plans, graduation requirements, and the payment of tuition and fees. Degrees are conferred only once each year as scheduled in the University Calendar. Once a student begins a degree program at Houston Baptist University it is expected that he will complete his degree requirements at Houston Baptist University. Candidates for degrees must complete the following requirements:

1. A minimum of 130 semester hours, including 2 semester hours in 2 different activity courses but not more than 4 semester hours in activity courses in physical education and not over 4 semester hours of other student activity type courses, and not fewer than 48 semester hours of upper level courses.
2. The minimum residence requirement is 32 semester hours including at least 12 semester hours of upper level courses in each major completed at Houston Baptist University with a grade of "C" in each course. A student whose degree program includes 60 semester hours in residence at this University may be allowed to earn 6 of his last 30 hours in another approved institution. (No credit by correspondence, and no course received in transfer with a grade of "D" will be counted toward a degree. Credit for extension courses may be applied toward degree requirements by petition and supporting evidence which establishes the equivalency of the extension work to that of the regular instructional program of the institution issuing the credit.) Students may not be enrolled concurrently at another college or university while enrolled as a full-time student at Houston Baptist University.
3. Regular attendance at all convocations is required and there is a student assembly and chapel attendance requirement for graduation.
4. Satisfactory performance on the Field Tests of the Undergraduate Assessment Program, Graduate Record Exam Advanced tests or Comprehensive Subject Examination in each of two majors must be demonstrated before a degree can be granted. (Satisfactory performance is defined as a score above one standard deviation below U.A.P. National mean in each major or recommendation of the faculty of the major department). All students must take the English Proficiency examination during the next quarter of registration following completion of 12 required semester hours of English. All students must pass the English Proficiency Examination before a degree can be granted.
5. A minimum cumulative scholastic standing of 2.00 ("C" average) must be attained, and no grade of less than "C" in courses required with each major.

6. Minimum academic program requirements for all graduates are:

	Sem. Hrs.
6.1 Christianity 1313, 1323, and 3323	9
6.2 English 1313, 1323, 2313, 2323	12
6.3 Interdisciplinary Course 2301, 2302, 2303, 2304 or 2311, 2312, 2313, 2314	6
6.4 Foreign Language	6
6.5 Physics 1303	3
6.6 Physical Education 2111	2
6.7 Social and Behavioral Sciences (See Note1)	12
6.8 Two majors (See Notes 2 and 3)	50
6.9 Program requirements and electives	30
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	130

Note 1. These 12 semester hours must include either 3 semester hours in The American Economic System 1301 and 3 semester hours in American and Texas Government 2313 or 6 semester hours in The United States (Our American Heritage) 2313, 2323. The other 6 semester hours may be Great issues of the 20th Century 2311, 2312, 2313, 2314 or selected from economics, history, political science, psychology, sociology, or Speech 1313.

Note 2. Two academic majors: 48 semester hours (24 hours each) and not over 36 semester hours in either field may be counted toward a degree. Each major must include a minimum of 12 semester hours above the sophomore level. Senior Seminars (8 semester hours) are included in these totals.

Note 3. Senior Seminars are required in each major field, and to be eligible to register for a Senior Seminar a student must have completed a total of 80 semester hours, 15 of which must be in the field to be studied, and have a 2.00 cumulative quality point standing.

In order to register as a junior and become a candidate for a degree a student must have on file with the Registrar an approved degree plan showing the exact program to be followed and the expected date of graduation. This may be done at any time during the sophomore year and may not be changed after registration for the second quarter of the senior year is closed.

Degree Requirements

BACHELOR OF MUSIC

An approved degree plan must be on file with the Registrar before anyone with 64 or more semester hours can be cleared for registration. Each student is responsible for a knowledge of and adherence to regulations governing registration, withdrawal, degree plans, graduation requirements, and the payment of tuition and fees. Degrees are conferred only once each year as scheduled in the University Calendar. Once a student begins a degree program at Houston Baptist University it is expected that he will complete his degree requirements at Houston Baptist University. Candidates for degrees must complete the following requirements:

1. A minimum of 137 semester hours, including 2 semester hours in 2 different activity courses but not more than 4 semester hours in activity courses in physical education and not over 4 semester hours of other student activity type courses, and not fewer than 48 semester hours of upper level courses.
2. The minimum residence requirement is 32 semester hours including at least 12 semester hours of upper level courses in each major completed at Houston Baptist University with a grade of "C" in each course. A student whose degree program includes 60 semester hours in residence at this University may be allowed to earn 6 of his last 30 hours in another approved institution. (No credit by correspondence, and no course received in transfer with a grade of "D" will be counted toward a degree. Credit for extension courses may be applied toward degree requirements by petition and supporting evidence which establishes the equivalency of the extension work to that of the regular instructional program of the institution issuing the credit.) Students may not be enrolled concurrently at another college or university while enrolled as a full-time student at Houston Baptist University.
3. Regular attendance at all convocations is required and there is a student assembly and chapel attendance requirement for graduation.
4. Satisfactory performance on the Field Tests of the Undergraduate Assessment Program, Graduate Record Exam Advanced tests or Comprehensive Subject Examination in each of two majors must be demonstrated before a degree can be granted. (Satisfactory performance is defined as a score above one standard deviation below U.A.P. National mean in each major or recommendation of the faculty of the major department). All students must take the English Proficiency Examination during the next quarter of registration following completion of 12 required semester hours of English. All students must pass the English Proficiency Examination before a degree can be granted.
5. A minimum cumulative scholastic standing of 2.00 ("C" average) must be attained, and no grade of less than "C" in courses required with each major.
6. Minimum academic program requirements for all graduates are:

	Sem. Hrs.
6.1 Christianity 1313, 1323, and 3323	9
6.2 English 1313, 1323, 2313, 2323	12
6.3 Foreign Language	6
6.4 Physics 1303	3
6.5 Physical Education 2111	2
6.6 Social and Behavioral Sciences (See Note 1)	9
6.7 Major (See Notes 2)	96
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	137

Note 1. These 9 semester hours must include either 3 semester hours in The American Economic System 1301 and 3 semester hours in American and Texas Government 2313 or 6 semester hours in The United States (Our American Heritage) 2313, 2323. The other 6 semester hours may be Great Issues of the 20th Century 2311, 2312, 2313, 2314 or selected from economics, history, political science, psychology, sociology, or Speech 1313.

Note 2. Senior Seminars are required in each major field, and to be eligible to register for a Senior Seminar a student must have completed a total of 80 semester hours, 15 of which must be in the field to be studied, and have a 2.00 cumulative quality point standing.

In order to register as a junior and become a candidate for a degree a student must have on file with the Registrar an approved degree plan showing the exact program to be followed and the expected date of graduation. This may be done at any time during the sophomore year and may not be changed after registration for the second quarter of the senior year is closed.



Smith College of General Studies

Smith College of General Studies is the foundation unit in the organization of the instructional program of Houston Baptist University. Each student admitted, regardless of past academic experiences, is first assigned to this unit for evaluation and guidance. Through personal, vocational and educational counseling an attempt is made to assure right choices on the part of the student as he relates to continuing advancement toward an enriched personal life as well as to a productive and contributing vocation.

When a student has completed the forty-nine or fifty semester hours required by the University as a part of all degree programs (See Degree Requirements) and demonstrated an acceptable level of academic performance, he is then assigned to the other Colleges for direction and supervision. In many cases a student in the Smith College of General Studies will be registered for courses in his fields of interest in the other Colleges. However, he will not be reassigned for direction and supervision until the basic University requirements for a degree have been completed. For the regular full-time student registered in consecutive terms this transfer will normally take place at or near the end of the sophomore year.

A student may be recommended for an appropriate degree only by the Colleges in which he takes the upper level courses needed to complete his chosen majors. These Colleges and the subjects taught in each of them are listed below.

Business and Economics: Accounting, Economics, Finance, and Management.

Education and Behavioral Studies: Child Development, Early Childhood Education, Elementary Education, Guidance Associate, Para-Medical Sports Therapy, Physical Education, Psychology, Sociology, Social Work and Special Education.

Fine Arts: Art, Church Music, Music, Music Education, Sacred Music.

Humanities: Bilingual Education, Christianity, English, French, German, Greek, History, Mass Media, Political Science, Philosophy, Spanish, Speech and Theatre Arts.

Science and Health Professions: Applied Science, Biology, Chemistry, Life-earth Science, Mathematics, Medical Technology, Natural Science, Nuclear Medicine Technology, Nursing, Para-Medical Sports Therapy, and Physics.

INTERDISCIPLINARY COURSES

Six semester hours required for all students.

3201, 2302, 2303, 2304

Culture and Human Experience

An integrated course in the fine arts, humanities, and social sciences designed to acquaint each student with man's cultural accomplishments and to encourage an appreciation of them.

2311, 2312, 2313, 2314

Great Issues of the 20th Century

A consideration of the steps man has taken and is now taking to master his total environment. Special attention is given to the major unsolved problems of the era and to the attempted and proposed solutions.

SENIOR SEMINARS

Required as a part of each major, See Note 3 In **Degree Requirements**.

4292, 4293

Senior Seminar (Major Area to be indicated)

The purpose of the Senior Seminar is the development of individual initiative and responsibility in addition to skills in critical thinking and Independent study. The seminar is designed to equip the student with the basic tools of research and with a knowledge of significant literature in the field of study. The preparation of a presentational paper is required as demonstration of analytical and Interpretative ability. Prerequisite: See Note 3 under **Degree Requirements**.

Note — A student may simultaneously register in two fields as follows i.e.:

English 4292. *Senior Seminar*. (Milton)

History 4292. *Senior Seminar*. (Early European)



College of Business and Economics

The College of Business and Economics offers majors in four academic areas. These areas require, in addition to the Smith College Requirements, that all majors in the College complete the Business and Economics Core and the specific requirements for the Major.

The majors offered by the College of Business and Economics are Accounting, Economics, Finance, and Management. These majors prepare the degree candidates for continued study toward graduate degrees and for careers as professionals and as entrepreneurs who are capable of exercising authority and assuming responsibility consistent with the highest standards of management practice.

The Business and Economics Core consists of courses describing that body of knowledge necessary to the practice of all majors in the College.

Business and Economics Core

Acct 2301, 2303

Principles of Accounting

Econ 2303, 2304

Principles of Economics

Math 3312

Applied Statistics

Mgmt 3301

Administration and Organization

Mgmt 2303

Data Processing

Those students who wish to take more courses toward a major in the College of Business and Economics may use Economics 2303 and/or 2304 to satisfy Smith College Requirements and substitute advanced courses in the Business and Economics Core.

Students who present only one major in the College of Business and Economics will be required to take only eighteen hours of the Business and Economics Core, these courses to be approved in advance by an advisor from the College.

The requirements for each major, in

addition to the Business and Economics Core, consist of a set of courses which must be taken and a set of courses from which several are selected to complete the requirements for the major. The specific courses which constitute a major will be determined with an advisor from the College of Business and Economics. Any deviation from the program requirements for the various majors may be made only with the approval of the Dean of the College, and then only upon the merit of a petition individually submitted. Although a single course may appear in the list of those available for several majors, no single course may be employed to satisfy the requirements for more than one major.

Accounting

The major in accounting is designed to prepare students for careers in business, industry, or government as professional accountants. Emphasis is placed upon the interpretation and analysis of data and its implication for effective managerial and investment planning and decision making.

In addition to the Business and Economics Core, the accounting major requires Acct 3301, 3302, 4292, 4293 and at least nine additional hours of advanced accounting courses.

2301

Principles of Financial Accounting

Fundamental concepts, standards, and procedures in financial data accumulation and financial reporting. Journal and ledger procedures; asset, liability, and equity reporting; statement preparation and analysis.

2303

Principles of Managerial Accounting

Uses of accounting data in the management function. Cost and budget analysis, cost-volume-profit relationships, relevant costs, contribution margin, capital budgeting. Prerequisite: Acct 2301

3301, 3302**Intermediate Accounting I and II**

An intensive study of accounting theory and reporting standards related to income determination and balance sheet preparation for corporate commercial enterprises. These courses should be taken in sequence.

Prerequisite: Acct 2303.

3303**Cost Accounting**

Nature, objectives, and procedures of cost accounting as applied to the control and management of business, including job order costs, process costs, and joint and by-product costing. Prerequisite: Acct 2303.

3304**Individual Income Taxes**

Current federal revenue acts affecting individual tax returns; procedures for computing the income tax liability of individuals. Practice in solving typical problems and in the preparation of tax returns. Prerequisite: Acct 2301.

4301**Advanced Accounting**

The application of accounting principles to specialized problems in partnership and corporation accounting; joint ventures, agencies and branches, consolidated balance sheets and income statements; estate and trust accounting, other topics.

Prerequisite: Acct 3302.

4302**Auditing**

Standards and procedures in making audits and examinations of the accounting records of business enterprises; preparation of workpapers; the content and forms of qualified and unqualified auditor's opinions; kinds of audits; ethics of the profession.

Prerequisites: Acct 3302, 3303.

4303**Controllershship Problems**

Advanced problems of information analysis for management. Cost, budgets, financial and operating planning and control. Prerequisite: Acct 3303.

4304**Corporation Income Taxes**

Federal income tax determination for corporations. Taxable income, exclusions, deductions, capital gains, credits, special corporate problems, tax returns. Prerequisite: Acct 3304.

4181, 4281, 4381**Special Topics**

Directed study of a minimum of thirty clock hours for each hour of credit. Provides an opportunity for accounting majors to conduct detailed investigations of selected accounting problems. Prerequisite: Approval of the Dean of the College of Business and Economics.

4292, 4293**Senior Seminars**

The seminar is designed to assist the student in developing methods of research in accounting, and to prove his competence in accounting theory. A research paper will be required.

Prerequisite: See Note 3 under **Degree Requirements**.

Economics

The major in economics is designed to prepare students for careers in business or government or to serve as the foundation for further professional study at the graduate level. Emphasis is placed on the fundamental theories which govern the free enterprise system and on developing those professional skills required for the analysis and planning of business activity.

In addition to the Business and Economics Core, the economics major requires Econ 3303, 3304, 4292, 4293 and at least nine hours from advanced economics courses (except 3307).

1301**The American Economic System**

An introduction and comparative evaluation of the principles, problems, and processes of the American Economy.

2303

Principles of Economics I

An introduction to macroeconomic theory including supply and demand analysis, national income accounting, monetary theory and policy, modern employment theory, and applications of theory to policy.

2304

Principles of Economics II

An introduction to microeconomic theory with emphasis on the determination of price and output in the competitive and noncompetitive market structures of American capitalism. Includes applications of price theory to a range of economic issues.

3301

American Economic History

A review of economic resources, economic development, economic causation as a determinant of American history from the Revolution to the present.

3303

Macroeconomic Theory — Intermediate

An intensive study of the assumptions and concepts which are basic to the theories of income determination and aggregate employment. Prerequisite: Econ 2303.

3304

Microeconomic Theory — Intermediate

An intensive examination of the assumptions and forces which underlie the price system. Prerequisite: Econ 2304

3305

Money and Banking

A study of the structure of the banking system, the Federal Reserve System and the management of the money supply with emphasis on theories of money and their application to monetary policy. Prerequisites: Econ 2303, 2304 (Also offered as Fin. 3305)

3306

International Trade

A study of the theory of international trade and the directions and composition of world trade, of

international payments, and institutions for facilitating trade. Prerequisite: Econ 2303.

3307

Consumer Economics

A study of family and individual consumer problems relating to topics such as money management, insurance, taxation, estate planning, savings and credit.

3308

Economic Geography and Development

World resources and trade as affected by geography. Special emphasis is placed on Industries, products, transportation, and regions of Texas and the United States.

4301

History of Economic Thought

A survey of the development of economic philosophy and theory from the ancients to the present. Prerequisites: Econ 2303, 2304.

4303

Comparative Economic Systems

A study of the types of economic systems in capitalist, socialist, and communist countries; of the theories upon which they are based, and the alternative methods of organizing economic activity. Prerequisites: Econ 2303, 2304, or permission of instructor.

4304

Labor Economics

An intensive study of theories of the labor supply, the demand for labor, the economics of trade unionism, labor markets and wage structures. (Also offered as Mgmt 4304) Prerequisite: Econ 2304 or permission of instructor.

4305

Public Finance

A study of tax incidence and shifting, and of the economic effects of taxing and spending actions by federal, state and local governments. (Also offered as Fin. 4305) Prerequisites: Econ 2303, 2304.

4306

Public Policy Toward Business

A study of public regulations of monopoly and competition and of the social control of industry generally. An examination of the implications such regulations have for the management of the enterprise. Prerequisites: Econ 2303, 2304, or permission of the instructor.

4314

Economics of Industrial Organization

The theory, measurement and history of the firm and structure of industry. Emphasis on the structure of American industry and on actual production and pricing practices. Prerequisites: Econ 2303, 2304.

4181, 4281, 4381

Special Topics

Directed study of a minimum of thirty clock hours for each hour of credit. Provides an opportunity for economics majors to conduct detailed investigations of selected economic problems. Prerequisite: Approval of the Dean of the College of Business and Economics.

4292, 4293

Senior Seminar

Each seminar is designed to assist the student in developing methods of economic research and to prove his competence in economic theory, economic history, and economic policy formation. An extended original paper will be required. Prerequisite: See Note 3 under **Degree Requirements**.

Finance

The major in finance is designed to prepare students for a career in business or government as a Financial Analyst and a Financial Manager. This major is designed to complement the other majors in the College of Business and Economics, recognizing that financial decisions and financial management are among the most central to the success of the enterprise.

In addition to the basic Business and Economics Core, the program for the finance major consists of Fin. 3307,

4307, 4292, 4293, Mgmt. 4301, and at least six additional hours selected from Fin. 3305, 4305, 4181, 4281, 4381, Acct. 3301, 3302, 3303, 3304, 4304, Econ. 3303, 3304.

3305

Money and Banking

A study of the structure of the banking system, the Federal Reserve System and the management of the money supply with emphasis on theories of money and their application to monetary policy. Prerequisites: Econ 2303, 2304. (Also offered as Econ 3305)

3307

Corporation Finance

A study of corporate capital; the financial system, organization and financial management of corporations; expansion, failure, regulation and public policy. Prerequisites: Acct. 2303. (Also offered as Mgmt. 3307)

4305

Public Finance

A study of tax incidence and shifting, and of the economic effects of taxing and spending actions by federal, state and local governments. Prerequisites: Econ. 2303, 2304. (Also offered as Econ. 4305)

4307

Investment Principles

A detailed analysis of types of investment media and the mechanics of investment. Comparative transaction timing of investments for individuals and investing institutions for purposes of developing an effective investment policy. Prerequisites: Acct. 2303, Mgmt 4301. (Also offered as Mgmt. 4307)

4181, 4281, 4381

Special Topics

Directed study of a minimum of thirty clock hours for each hour of credit. Provides an opportunity for finance majors to conduct detailed investigations of selected finance problems. Prerequisites: Approval of the Dean of the College of Business and Economics.

292, 4293

Senior Seminars

studies in financial literature, in financial problems of business and alternative solutions, or in other areas of finance at an advanced level. Normally a significant paper is required.

Management

The major in management is designed to make available to the student knowledge of those principles and procedures appropriate to the various functions of management. The management major is constructed so as to allow the student the maximum flexibility in structuring a program of study which will serve his unique needs.

In addition to the Business and Economics Core, the management major requires Mgmt 4301, 4292, 4293, and at least twelve hours from Acct 3303 and advanced management courses. No more than 3 hours from Mgmt 3303 and 3304 may be included in the Management major.

3301

Principles of Management

A survey of organization in modern industrial society; theories of organization structures and processes, with emphasis on organizing, planning, decision making, controlling, communicating, and coordinating.

3303, 2304

Data Processing I and II

Principles, procedures, terminology and business applications of electronic data processing; the electronic computer, its potentials, limitations, and impact upon business data systems and management control. Practice in programming and computer operations. Prerequisite: Math 1313 or equivalent.

3301

Administration and Organization

A study of the art and science of managing. Relevant behavioral science concepts, organizational research findings, and managerial experience

conclusions are employed to describe the fundamentals of the managerial process.

3303

Business Law I

An intensive study of the law of contracts, negotiable instruments, business organizations and other areas. For business and other majors.

3304

Business Law II

The uniform commercial code, agency, real and personal property, securities, professional liability, and other selected topics. Prerequisite: Mgmt 3303 or equivalent.

3306

Marketing Theory and Management

The foundations in behavioral science of marketing management are analyzed and interpreted. The principles of the scientific methods as applied to marketing research are explained. The organization and direction of a marketing program is studied. Economic theories of pricing are explored.

3307

Corporation Finance

A study of corporate capital, the financial system, organization and financial management of corporation, expansion, failure, regulation and public policy. Prerequisites: Acct 2301, 2303. (Also offered as Fin. 3307)

4301

Management Decision Models

An introduction to the formulation and analysis of managerial decision problems in terms of mathematical models. Models involving both risk and certainty are considered. Prerequisite: Math 3312.

4304

Labor Economics

An intensive study of labor-management relations; wage determination, labor union history, organization, and operation. (Offered also as Econ 4304.) Prerequisite: Econ 2304 or permission of the instructor.

4305**Personnel Policies**

The application of personnel techniques in the industrial setting. The application and study of job evaluation, wage administration, testing and selection, training programs, and employee benefit programs. Prerequisite: Mgmt 3301.

4363**Communications in Organizations**

This course develops skills and techniques in communicating facts and ideas and shows the relationship of creative and logical thinking to the communication process. (Also offered as Mass Media 4363)

4307**Investment Principles**

A detailed analysis of types of investment media and the mechanics of investment. Comparative transaction timing of investments for individuals and investing institutions, for purpose of developing an effective investment policy. Prerequisites: Mgmt 4301, Acct 2303. (Also offered as Fin. 4307)

4314**Principles and Policies in Production**

A study of the problems, practices, and methods of production management and control. The course will include production planning, production control, factory management, time and motion study, plant layout, inner-

company transportation, methods and standards, quality control, and plant location. Prerequisite: Mgmt 4301.

4373**Psychology in Business and Industry**

A survey of individual and group techniques in supervision and evaluation. Problems in selection, training, communication, motivation, morale, fatigue, accidents, job analysis, and performance. Prerequisites: Psychology 1313, 3313 or advanced classification in business and economics. (Also offered as Psychology 4373)

4181, 4281, 4381**Special Topics**

Directed study of a minimum of thirty clock hours for each hour of credit. Provides an opportunity for business management majors to conduct detailed investigations of management problems. Prerequisite: Approval of the Dean of the College of Business and Economics.

4292, 4293**Senior Seminars**

The seminar will be designed to assist the student in developing methods of research in business management, and to prove his competence in management theory. A research paper will be required. Prerequisites: See Note 3 under Degree Requirements.

College of Education and Behavioral Studies

The College is made up of the departments of Behavioral Studies; Education; and Physical Education and Recreation.

DEPARTMENT OF BEHAVIORAL STUDIES

The student is offered an opportunity to select from five major areas of concentration — Child Development, Guidance, Psychology, Social Work, and Sociology. Emphasizing a blending of theory and practice, all five require field experience.

Learning in a Christian environment fosters creative, productive thinking, and the student is provided an intellectually challenging atmosphere as she/he prepares for a profession.

Child Development

Required for the student who wishes to earn teacher certification as "Teacher of Young Children" (ages 3 through 8), Child Development is a field of study which may be appropriately linked with many other majors offered by the university. The student who wishes to teach in pre-school and/or grades K-3 completes the two majors of Child Development and Early Childhood Education.

Program Requirements

The student who wishes to complete the major in Child Development must earn credit satisfactorily in CDEV 2373, 3383, 3313, 3314, 3323, 3330, 4303, 4292, and 4293 for a total of 25 semester hours.

3373

Marriage and the Family

Consideration of factors in self-understanding and interpersonal relations; changing roles of men, women, and children; problems of family life; socialization of children; the influence of school and community interaction, including parent-teacher relationships; similarities and differences in familial life styles. (Offered also as Psychology 2373 and

Sociology 2373)

2383

Psychomotor Development of the Young Child

A study of the developmental sequence of motor performance, including activities and materials that enhance sensory motor integration, gross and fine motor development, self-help, and perceptual motor skills.

3313

Human Growth and Development

A study in the area of developmental psychology designed to provide an understanding of the behavior and developmental characteristics of children and youth as they have bearing on the learning process. Includes observations in the field. (Offered also as Education 3313 and Psychology 3313)

3314

The Young Child

This course includes an indepth study of growth and development during infancy and early childhood. Directed observations of the physical, mental and social characteristics of the young child are conducted in pre-school and primary grade settings. Strategies for developing self-discipline, creativity, and positive interrelationships are included. The behavioral science foundations of early childhood education including psychosexual-personality, normative-motivational, behavioral-environmental, cognitive-transactional and humanistic concepts are studied. The affective development of young children is studied, including interpersonal relationships of teachers and children and strategies for managing behaviors. (Offered also as Early Childhood Education 3314)

3323

Language and Concepts Development in Young Children

Study includes the relationship

between language and thought; theories of language learning; changes in the young child's intellectual structure; role of the teacher; practical applications in field settings. (Offered also as Early Childhood Education 3323)

3330

Health and Physical Education for Pre-Adolescents

A study of the effects of nutrition and health on the total development of the young child, including planning effective nutrition, health and safety programs for children; materials and methods for teaching physical education for pre-adolescents. (Offered also as Elementary Education 3330)

4303

Survey in Education for Exceptional Children

Focuses on historical analysis of society's concern for exceptional/handicapped children's learning characteristics, etiology, and data relating to current issues and practices. Significant changes in how our judicial system perceives responsibilities of the public school for educating exceptional/handicapped children. New commitments to mainstreaming, individualized educational plans, due process, and the severely/profoundly handicapped are analyzed.

4181, 4281, 4381

Special Topics

A service course designed to permit the offering of topics of current interest. May also be used for individual study in which a minimum of 30 clock hours of directed study is required for each semester hour of credit. Topics and projects are selected on the basis of student interest and need.

4292

Senior Seminar

This course is a campus-based seminar on the development, organization, and evaluation of day care programs for young children; physical facilities, equipment, and materials needed for

the care and development of young children. (See Note 3 under **Degree Requirements**)

4293

Senior Seminar

This course is a field-based experience in which a minimum of 60 clock hours are spent in observing and working in a pre-school program. Included are techniques of instruction; management and technical considerations; interaction of the roles of all personnel in programs for young children; and the impact of legislation and outside influences upon pre-school programs. (See Note 3 under **Degree Requirements**)

Guidance

A student may elect to be trained as a Guidance Associate and be certified to work as an assistant to a counselor in either an elementary or a secondary school. This major field of study is excellent preparation for graduate school en route to becoming a counselor. It is also a good second field for an elementary or secondary school teacher.

Program Requirements

The student who plans to combine Elementary Education with Guidance Associate certification must earn credits in Psychology 1313, 2363, 4323, 4330, 4363, 4293, 4296, and two other courses selected from Psychology 2333, 3333, 3343, 3363, 3373, or 3383, for a total of 25 semester hours.

The student who plans to teach in secondary school and selects Guidance Associate as one of the two required teaching fields must complete satisfactorily Psychology 1313, 2363, 4323, 4330, 4333, 4363, 4293, 4296 and one of Psychology 2333, 3333, 3343, 3363, 3373, or 3383 for a total of 25 semester hours.

Psychology

The curriculum is designed to introduce the student to basic understandings in the scientific, systematic study of human behavior. The bachelor's degree with a major in psychology does not prepare the graduate for immediate placement in a

professional psychologist's position. There are limited employment opportunities for the graduate with a B.A. or B.S. degree. Consequently, students who wish to become professional psychologists must be prepared to do graduate study.

There are three specialization programs in psychology. A student may choose Psychology as a specialization with Elementary Education; as a secondary school teaching field; or as a liberal arts major without teacher certification. Only one specialization in Psychology may be counted in graduation requirements.

Program Requirements

The student who plans to enter graduate school to continue his/her education in the field of Psychology must earn credits in Psychology 1313, 2333, 2363, 3303, 3343, 4292, 4295, and three other advanced Psychology courses for a total of 28 semester hours.

The student who plans to combine Elementary Education with Psychology as the second major must earn credits in Psychology 1313, 2333, 2363, 3303, 4330, 4292, 4295, and three other advanced Psychology courses for a total of 28 semester hours.

The student who selects Psychology as a teaching field for high school certification must complete satisfactorily Psychology 1313, 2363, 3303, 3333, 3343, 4323, 4330, 4292, 4295, and one other course from Psychology 2333, 3363, 3373, or 3383, for a total of 28 semester hours.

1313

General Psychology

An introductory course dealing with the major content areas in psychology. Topics include heredity and environment, emotions and motivation, perception, learning, personality, intelligence and measurement and evaluation. Includes pre-school and school age spans of children. May be taken by non-psychology majors as an elective.

2333

History and Systems of Psychology

A survey of the major systems of thought and theory in psychology. These include materials from a wide variety of disciplines, such as medicine, religion, philosophy, and the biological and physical sciences.

2363

Personality, Normal and Abnormal

A study of the significant theories of human personality, and the disorders of personality, such as neuroses, psychoses, behavior disorders, drug abuse, and psychosomatic illness. May be taken by non-psychology majors as an elective. Recommended for nursing, Christianity, and education majors as well as others who may deal with problems of people.

2373

Marriage and the Family

A consideration of factors in self-understanding and interpersonal relations; changing roles of men, women, and children; problems of family life; socialization of children; the influence of school and community interaction, including parent-teacher relationships; similarities and differences in familial life styles. (Offered also as Child Development 2373 and Sociology 2373)

3303

Research Methods

Research Methods is designed to introduce students to basic research methodology in the social and behavioral sciences and to teach them research design from the conception of an idea to the analysis and interpretation of data.

3313

Human Growth and Development

A study in the area of developmental psychology designed to provide an understanding of the behavior and developmental characteristics of children and youth as they have bearing on the learning process. Includes observations in the field. (Offered also as Child Development 3313 and Education 3313)

3333

Social Psychology

Contemporary approaches to social behavior are considered. The roles of language and culture in changing the physiological organism into a socialized human being are analyzed. (Offered also as Sociology 3333)

3343

Experimental Psychology

A course stressing the learning of techniques for conducting psychological studies. Considerable use is made of statistics and quantitative experimentation in the laboratory. Prerequisite: Psychology 1313.

3363

Introduction to Interventive Skills

Provides the initial development and use of specific skills in recognizing and understanding group dynamics and human need. Through group processes and the use of the interview, students demonstrate interpersonal skills such as self-disclosure, feedback, communication, self-acceptance, and confrontation. Opportunities for self-assessment are provided. (Offered also as Sociology 3363 and Social Work 3363)

3373

Physiological Psychology

A study of the physiological bases of animal and human behavior, with emphasis on learning the relationships between the functioning of the brain and nervous system and observable behavior. Emphasis is placed on the relationships of personality to variables such as physical disorders and changes, nutrition, and environmental agents which affect physical and mental functioning. May be taken by non-psychology majors as an elective.

3383

Motivation and Behavior

A scientific study of the principles of human action, with emphasis on studying human needs and how people satisfy their needs. Analyses are made of different theories concerning how emotions originate, and about what motivates human beings to behave as

they do under a variety of conditions. May be taken by non-psychology majors as an elective.

4323

Theories of Counseling

Comprehensive and intensive study of major theoretical orientations in counseling and psychotherapy, stressing implications for research and practice. Includes experiences in micro-counseling and other simulations to develop counseling skills.

4330

Psychology of Learning

A course stressing the major contributions of learning theorists to understanding behavior. Particular attention is paid to human learning and the applicability of learning theory to the educational process.

4333

Measurement and Evaluation

The completion of this course will enable a learner to design evaluation models, construct and validate mental measurement instruments, and select, administer and interpret the results of standardized tests. Particular emphasis on the testing of young children is included. (Offered also as Education 4333)

4334

Psychology of Religion

The insights of psychology as a human science are used to inspect and evaluate the religious dimensions of life. Included are the sources and meanings of religion, religious development, specific religious experiences and phenomena, and the relative health and sickness of various expressions of religion.

4363

Principles of Guidance

Introduction to philosophical and historical foundations of guidance and counseling, stressing practical problems of organizing and implementing guidance programs in the secondary and elementary schools. Consideration is given to professional issues, present and future, as they

impact the role and function of the counselor.

4373
Psychology in Business and Industry

A survey of individual and group techniques in supervision and evaluation. Problems in selection, training, communication, motivation, morale, fatigue, accidents, job analysis, and performance. Prerequisites: Psychology 1313, 3313, or advanced classification in business or economics. (Offered also as Management 4373)

4181, 4281, 4381
Special Topics

A service course designed to permit the offerings of topics of current interest. May also be used for individual study in which a minimum of 30 clock hours of directed study is required for each semester hour of credit. Advanced reading, testing, and projects involving experimentation are included.

4292
Senior Seminar in Experimental Psychology

In this course the student designs an original experimental project, preparing a prospectus which describes the problem, the hypothesis, the review of literature, techniques to be used, and other components normally found in research proposals. Prerequisite: Psychology 3303 and senior standing in psychology. See Note 3 under **Degree Requirements**.

4293
Senior Seminar in Guidance

Applied counseling techniques, including testing, diagnosis, interaction with students and parents, and other skills are studied in preparation for a field experience as an assistant to a school counselor. Prerequisite: Senior standing as Guidance Associate. See Note 3 under **Degree Requirements**.

4295
Senior Seminar in Experimental Psychology

The student conducts a previously-approved research project and

prepares a report which includes findings and conclusions. Prerequisite: Psychology 4292. See Note 3 under **Degree Requirements**.

4296
Senior Seminar in Guidance

The student is assigned to a school in which he works as an assistant to a counselor for at least 45 clock hours. Prerequisite: Psychology 4293. See Note 3 under **Degree Requirements**.

Social Work

The curriculum offers knowledge and understanding of the history and philosophy of social welfare, its programs, policies and issues, the scientific method and communicative skills. It further assists the student to develop skills in problem identification, problem solution, use of appropriate interventive processes and evaluation. Opportunities to implement and develop skills, and to apply classroom concepts are provided through organized field instruction. Early engagement in an identification of the nature of community service, its structure and functions, is provided through courses offering opportunities for field observation and volunteer services as part of their educational and behavioral content. The social work program is accredited by the Council on Social Work Education.

Program Requirements

To complete the major in social work a student must take the following courses: Social Work 1313, 2313, 3363, 3393, 4270, 4271, 4420, 4425, 4343, 4292, 4293, for a minimum of 30 semester hours.

1313
Introduction to Social Work

Provides the student with an overview of the fundamental values, philosophies, and historical themes which dominate the development and present status of social welfare and social work practice. Traditional and newer practice perspectives are considered. The community as a social system is examined. Opportunities for agency observation and volunteer service in a social service agency

provide the beginning social work student a variety of experiences to assess his or her desire to pursue the profession of social work as a career.

2313

Programs, Policies, and Issues in Social Welfare

The process of the development and implementation of social policies and their effects upon programs and services of the social welfare system are identified and analyzed. A critical assessment of the current issues related to programs and policies is included. The various practice settings of the profession and the approach and commitment of social work toward major contemporary social problems are also examined. The role of the social worker is considered throughout the course. Prerequisite: Social Work 1313 or taken concurrently with Social Work 1313.

3363

Introduction to Interventive Skills

Provides the initial development and use of specific skills in recognizing and understanding group dynamics and human need. Through group processes and the use of the interview, students demonstrate interpersonal skills such as self-disclosure, feedback, communication, self-acceptance and confrontation. Opportunities for self-assessment are provided. (Offered also as Psychology 3363 and Sociology 3363).

3393

Sociology of Childhood and Adolescence

Analysis of social class, ethnic influences and sex-role socialization on childhood and adolescence; consideration of the socializing agents in these age groups.

4420, 4425

Field Instruction

Supervised field experiences within a social service or related agency totaling 320 hours. In addition, weekly seminars are held on campus.

4343

Sociology of Middle Age and Aging

Analysis of sociological and social psychological approaches to the study of middle age and aging; the emergence of aging as a problem in industrial societies; consideration of specific problems and programs related to aging.

4181, 4281, 4381

Special Topics

A service course designed to permit the offering of topics of current interest. May also be used for individual study, in which a minimum of 30 clock hours of directed study is required for each semester hour of credit. Topics and projects are selected on the basis of student interest and need.

4270, 4271

Social Work Practice I and II

Focuses on providing the student with a conceptual framework for practice. Course includes a comparison of current practice theories, an in-depth study of strategies, roles and functions involved in social intervention, and the application of interventive skills to client systems (individual, dyad, family, small group, organization and community.) Emphasis is placed on the problem-solving process involved in the mutual working together of social worker and client from problem identification through problem resolution. First quarter material will highlight application of skills to micro systems; second quarter material will highlight application of skills to macro systems. These courses must be taken concurrently with field instruction courses. Prerequisites: permission of instructor.

4292

Senior Seminar

The techniques of social research are developed and employed in the investigation of areas pertinent to social welfare and social work. Prerequisite: See Note 3 under **Degree Requirements**.

4293**Senior Seminar**

The capstone course of the social work program. This course provides a supervised forum for current social work issues of paramount concern to emerging baccalaureate social practitioners. Prerequisite: See Note 3 under **Degree Requirements**.

Sociology

The curriculum is designed to enable the undergraduate student to better understand relationships between individuals, groups, and societies. A major in sociology prepares the student for graduate study or for teaching in the elementary or secondary school. It also offers the student with other occupational aspirations an academic background that enhances his ability to work with individuals and groups in whatever field he/she chooses.

There are three programs for the sociology major. One program is designed for the student who is planning a career in another profession or who is planning to do graduate work in sociology. The other two programs are designed for those who are seeking teacher certification in either elementary or secondary education.

Program Requirements

The student who selects a major in sociology in preparation for entrance into another profession or for entrance into graduate school is required to complete the following courses: Sociology 1313, 3303, 3323, 3333, 4292, 4293, and four additional sociology courses for a minimum of 28 semester hours.

The student who chooses to earn certification for teaching sociology in the secondary school must satisfactorily complete the following courses: Sociology 1313, 2343, 3303, 3323, 3333, 3393, 4292, 4293, and two additional sociology courses for a minimum of 28 semester hours.

The student who seeks certification as an elementary teacher with sociology as the second major must

take the following courses: Sociology 1313, 2212, 3303, 3323, 3333, 3393, 4292, 4293, and two additional sociology courses for a minimum of 27 semester hours.

1313**Principles of Sociology**

A study of the nature of social relations, social institutions, and social processes, and of the products of these relationships. The nature of culture, communications, socialization, mobility, social control and other sociological concepts are considered.

2212**Dynamics of Urban Systems**

A social systems approach to the analysis of the emerging problems of urban-suburban man, with special consideration of the development of alternative solutions to these problems and strategies of intervention.

2343**Social Deviance and Disorganization**

An analysis of sociological theories of social deviance and disorganization, with attention to problems of prevention and control.

2353**Sociology of Education**

This course is designed to examine the racial, ethnic, and socio-economic cultural variation of children in the Texas public schools. The impact of such variation on the child's self-concept development and the interaction of family, child, and school are studied. Field experiences are an integral part of the course. This course is required for all prospective teachers.

2373**Marriage and the Family**

A consideration of factors in self-understanding and interpersonal relations; changing roles of men, women, and children; problems of family life; socialization of children; the influence of school and community interaction, including parent-teacher relationships; similarities and differences in familial life styles. (Offered also as Child Development 2373 and Psychology 2373)

3303

Research Methods

Research Methods is designed to introduce students to basic research methodology in the social and behavioral sciences and to teach them research design from the conception of an idea to the analysis and interpretation of data.

3323

History of Sociological Thought

A study of the development of social thought, including a critical analysis of theories of leading social thinkers.

3333

Social Psychology

Contemporary approaches to social behavior are considered. The roles of language and culture in changing the physiological organism into a socialized human being are analyzed. (Offered also as Psychology 3333)

3353

Sociology of Health and Illness

Analysis of sociological factors in health and illness; organization of health care and the health professions.

3363

Introduction to Interventive Skills

Provides the initial development and use of specific skills in reorganizing and understanding group dynamics and human need. Through group processes and the use of the interview, students demonstrate inter-personal skills such as self-disclosure, feedback, communication, self-acceptance and confrontation; opportunities for self-assessment are provided. (Offered also as Psychology 3363 and Social Work 3363)

3393

Sociology of Childhood and Adolescence

Analysis of social class, ethnic influences and sex-role socialization on childhood and adolescence; consideration of the socializing agents in these age groups. (Offered also as Social Work 3393)

4333

Sociology of Religion

An analysis of the role and functions of religion in human societies, types of religious organizations, and the relation between religion and other social institutions. The role of Christianity in American society will be emphasized. (Offered also as Christianity 4333)

4343

Sociology of Middle Age and Aging

Analysis of sociological and social psychological approaches to the study of middle age and aging; the emergence of aging as a problem in industrial societies; consideration of specific problems and programs related to aging. (Offered also as Social Work 4343)

4181, 4281, 4381

Special Topics

A service course designed to permit the offering of topics of current interest. May also be used for individual study, in which a minimum of 30 clock hours of directed study is required for each semester hour of credit. Topics and projects are selected on the basis of student interest.

4292

Senior Seminar in Sociological Research

In this course the student designs an original experimental project, preparing a prospectus which describes the problem, the hypothesis, the review of literature, techniques to be used, and other components normally found in research proposals. Prerequisite: Sociology 3303 and senior standing in Sociology. See Note 3 under **Degree Requirements**.

4293

Senior Seminar in Sociological Research

The student conducts a previously-approved research project and prepares a report which includes findings and conclusions. Prerequisite: Sociology 4292. See Note 3 under **Degree Requirements**.

DEPARTMENT OF EDUCATION

The department offers courses in general teacher education, elementary education, special education, and early childhood education. It has three major purposes: (1) the preparation of teachers for public and private schools from pre-school through high school; and (2) the preparation of teachers for pupils who have learning disabilities, and (3) the preparation of teachers for bilingual classrooms.

A student who wishes to become a teacher must complete requirements in academic foundations, two teaching fields, and professional teacher education. All of the requirements were developed cooperatively by the university faculty, the interdisciplinary Teacher Education Committee, the HBU Teacher Advisory Council, and public and private school personnel associated with the university as members of its teacher education center staff. All programs which lead to certification are accredited and approved by the appropriate division and boards of the Texas Education Agency.

The curriculum affords students an opportunity to prepare for the Provisional (undergraduate) teaching certificate with selected endorsements. These credentials enable one to teach in the public or private schools of Texas.

Approved Programs

1. Teacher of Young Children (ages 3 through Grade 3)

The student who wishes to teach in pre-school and/or grades K-3 completes the two majors of Child Development and Early Childhood Education.

2. Elementary School (Grades 1-6)

A student who wishes to teach in grades 1-6 in public or private schools must elect Elementary Education as one major and a second major from the following:

Art	Life-Earth Science
Bilingual Education	Mathematics
Biology	Physical Education
English	Psychology
Guidance	Sociology
History	Spanish

3. Secondary School (Grades 6-12)

The student who elects to seek certification for teaching in secondary school must choose two teaching fields from the following:

Art	Mathematics
Bilingual Education	*Physical Education (Regular)
Biology	*Physical Education (Sports Therapy)
Chemistry	*Psychology
Drama (Theatre Arts)	**Social Studies
English	Sociology
French	Spanish
Government (Political Science)	Science
Guidance	Speech
History	(Communications)
Life-Earth Science	

*A student may not combine the teaching fields of Guidance Associate with Psychology, or Physical Education (Regular) and Physical Education (Sports Therapy).

**There is an option for a student to select the composite teaching field of Social Studies, which contains a major in History and elements of Political Science, Economics, Sociology, and Geography.

4. All-Level (Grades 1-12)

A student may select a program of Art or Music Education, either of which is a composite double major program and which leads to a certificate that permits the holder to teach these subjects at grade levels 1-12.

In addition to the certification programs listed above, the Department of Education offers the opportunity to earn additional endorsements in the all-level field of Special Education/Language and Learning Disabilities, in Kindergarten Education, and in Early Childhood Education for Exceptional Children.

Admission to Teacher Education Program

Students interested in teacher preparation need to be aware of the standards for admission to the teacher education program at Houston Baptist University. The Teacher Education Committee will consider for admission to the program those students who, at the end of the sophomore year, present evidence of the following qualities and qualifications:

1. A genuine desire to enter and follow a career in teaching
2. An application for admission on file in the office of the Director of Teacher Education during the second quarter of the sophomore year
3. A classification of junior (at least 64 semester hours) with a quality point average of not less than 2.25 on a 4-point scale
4. A completed degree plan on file in the Registrar's Office
5. A passing score on the English Proficiency Examination
6. A personal and social orientation which shows promise of contributing to success in the classroom
7. A physical and mental fitness which indicates potential classroom leadership
8. Evidence of Spanish language proficiency (for Bilingual Education students only).

Retention in Teacher Education Program

Students should be aware of the conditions necessary for retention in the teacher education program.

1. The 2.25 cumulative quality point average must be maintained through graduation.

2. The student meets with his faculty adviser at least once per quarter for a conference on his/her progress in the teacher education program.
3. The student must participate as a member of the local chapter of the Student Education Association (or another local professional organization approved by the Teacher Education Committee) for at least two academic years.
4. The attitudinal qualities that qualified the student for admission to the program must be maintained until completion.

Post-Baccalaureate Students

Students who have earned their baccalaureate degrees in fields other than teacher education, or who are already certified to teach but who wish to earn additional endorsements to their original certificates, may enroll at HBU as Special Post-baccalaureate students. After analysis of previously earned credits, a "deficiency plan", which lists the necessary requirements for the additional endorsement, is prepared on an individual basis. Upon completion of all requirements, these students are recommended for certification in the new field by the University to the Texas Education Agency.

Program Requirements in Elementary Education

The major in Elementary Education requires completion of Speech 1313 or 1323, Elementary Education 3350, 4310, 4320, 4330, and 9 semester hours selected from Elementary Education 3310, 3320, 3330, 3340, and 4340.

3310

Art for Pre-Adolescents

This course deals with the philosophy of pre-school and elementary school art education based on Lowenfeld's continuum of growth. The laboratory experience with art emphasizes two-

dimensional art media appropriate for the young child.

3320

Music for Pre-Adolescents

A course designed for the teacher of pre-school and elementary school children. It includes a study of the child voice, rote singing, development of rhythmic and melodic expression, directed listening, and music reading readiness. Basic materials, including song text, are studied, and simple percussion and melodic instruments are used in creative activities.

3330

Health and Physical Education for Pre-Adolescents

A study of the effects of nutrition and health on the total development of the young child, including planning effective nutrition, health and safety programs for children; materials and methods for teaching physical education to pre-adolescents. (Offered also as Child Development 3330)

3340

Science for Pre-Adolescents

A course designed to provide practical experience in lesson planning, unit organization, and the use of teaching aids in the study of scientific concepts to children in pre-school and elementary school grades.

3350

Language Arts for Pre-Adolescents

The study and use of materials and techniques in the teaching of oral and written communications, with emphasis on the functional approach in developing the child's potential in speaking, writing, and listening. An individualized approach is used in order to meet the professional needs of students preparing to teach in either an early childhood program or in elementary classrooms. Both on-campus and field experiences are included.

4310

Reading for Pre-Adolescents

Included in this course are methods and materials for teaching developmental reading to children in

pre-school and school settings. An individualized program is planned to develop competence in assessing specific strengths and weaknesses in the reading skills of children, planning learning activities appropriate to the child's needs, and to interact with children in such a way that plans are facilitated. Both on-campus activities and field experiences are included. This course is a prerequisite for student teaching.

4320

Teaching Reading Through Children's Literature

The student gains an indepth knowledge of the major areas of children's literature and how to make use of that knowledge in extending pupil skills in developmental reading.

4330

Mathematics for Pre-Adolescents

Included in this course are mathematics content for pre-school and elementary school grades; methods and materials for teaching mathematics to young children; particular emphasis to the psychology of teaching mathematics and the metric system of measurement. Both on-campus and field experiences are included. The course is a prerequisite for student teaching.

4340

Social Studies for Pre-Adolescents

Units designed to clarify the objectives, materials, and techniques unique to instruction in the social studies for pre-school and school children are included in this course. The construction of teaching units prepared for use during the student teaching experience is of major significance. Both on-campus and field experiences are included.

4181, 4281, 4381

Special Topics

A service course designed to permit the offering of topics of current interest and special workshops. May also be used for individual study, in which a minimum of 30 clock hours of directed study is required for each semester hour of credit. Topics and projects are selected on the basis of student interest and need.

Program Requirements in Professional Education

To become certified as a teacher at any level, the student must include History 2313 and 2323, Political Science 2313, and Sociology 2353 in the general degree requirements.

The elementary, secondary, and all-level certification programs all require that the student complete 18 semester hours in professional teacher education, in addition to the general degree requirements and two majors.

Students interested in elementary school teaching must include Education 3313, 3323, 4313, 4333, and 4690. However, if a student is earning the added Kindergarten endorsement, he may substitute Education 4390 and 4391 for Education 4690. In like manner, a student who is completing requirements for the elementary certificate with the added Special Education (LLD) endorsement will substitute Education 4390 and 4392 for Education 4690. A student who is combining Elementary Education with Bilingual Education will substitute Education 4387 and 4390 for Education 4691.

Students who elect to prepare for secondary school teaching must complete Education 3313, 3323, 4314, 4323, and 4691. However, a student earning the added Special Education (LLD) endorsement will substitute Education 4392 and 4395 for Education 4691. In like manner a student majoring in Bilingual Education will substitute Education 4387 and 4395 for Education 4691.

The all-level certificate programs require that students earn credits in Education 3313, 3323, 4313, 4323, and Education 4393-4396 or Education 4394-4397(8).

The Teacher of Young Children Certificate program requires that students earn credits in Education 3323, 4333, 4388, and 4389.

3313

Human Growth and Development

A study in the area of developmental psychology designed to provide an understanding of the behavior and developmental characteristics of children and youth as they have bearing on the learning process. (Offered also as Child Development 3313 and Psychology 3313)

3323

History and Philosophy of Education

This series of units is intended to enable a prospective teacher to (1) identify his own philosophy and that of others; (2) eliminate logical inconsistencies in his own philosophy; (3) possess a cognitive knowledge of the history of American education; (4) evaluate educational practices and proposals as to probable effectiveness and productivity; and (5) maximize his influence upon colleagues as an educational leader.

3333

Multimedia Instructional Resources

Instruction and laboratory experiences in the location, selection, and preparation of multimedia instructional resources, in the operation of multisensory aids and equipment, and in theory relative to the best practices in audio-visual materials and equipment.

3343

Contemporary American Schools

An overview of school law, finance, control, and innovative practices; critical analysis of problems and trends facing the beginning teacher in today's schools.

3373

Computer Instruction

This course includes instruction in how a computer works, the mechanics of programming and machine use, how a computer processes, stores, and manipulates data, and how it retrieves data. (Offered also as Mathematics 3373)

4313

Curriculum and Instruction in the Elementary School

Study of factors influencing the nature

of curriculum in elementary schools. Examination of the role of the teacher in curriculum design, implementations, and evaluation; alternative approaches to teaching; parent and community relationships. Practice in production and utilization of educational media. Students gain knowledge of the concept of least restrictive alternatives and implications for the instructional process; the characteristics and learning differences of exceptional/handicapped pupils; skill in developing and implementing individual educational plans; and knowledge of admission, review, and dismissal procedures for exceptional/handicapped children.

4314

Curriculum and Instruction in the Secondary School

Study of factors influencing the nature of curriculum in secondary schools. Examination of the role of the teacher in curriculum design, implementations, and evaluation; alternative approaches to teaching; parent and community relationships. Practice in production and utilization of educational media. Students gain knowledge of the concept of least restrictive alternatives and implications for the instructional process; the characteristics and learning differences of exceptional/handicapped pupils; skill in developing and implementing individual educational plans; and knowledge of admission, review, and dismissal procedures for exceptional/handicapped children.

4323

Fundamentals of Secondary School Teaching

A course in which the prospective teacher combines campus-based seminars and a minimum of 30 clock hours in the secondary school classroom learning to plan and present lessons. This is a prerequisite for student teaching.

4330

Psychology of Learning

A course stressing the major contributions of learning theorists to understanding behavior. Particular

attention is paid to human learning and the applicability of learning theory to the educational process. (Offered also as Psychology 4330).

4333

Measurement and Evaluation

The completion of this course will enable a learner to design evaluation models, construct and validate mental measurement instruments, and select, administer, and interpret standardized tests. Particular emphasis on the testing of young children is included. (Offered also as Psychology 4333)

4363

Principles of Guidance

Introduction to philosophical and historical foundations of guidance and counseling, stressing practical problems of organizing and implementing guidance programs in the secondary and elementary schools. Consideration is given to professional issues, present and future, as they impact the role and function of the counselor. (Offered also as Psychology 4363).

4181, 4281, 4381

Special Topics

A service course designed to permit the offering of topics of current interest and special workshops. May also be used for individual study, in which a minimum of 30 clock hours of directed study is required for each semester hour of credit. Topics and projects are selected on the basis of student interest and need.

4387

Student Teaching in the Bilingual Room

This course is a field-based student teaching experience in a bilingual classroom, where instruction is delivered in two languages. The student teacher works with an experienced teacher in the bilingual setting for one-half of each school day for a period of nine weeks. Prerequisite: Demonstration of second language proficiency and approval of the Teacher Education Committee.

4388

Student Teaching in Primary Grades

This course is a field-based student teaching experience in grades 1-3, particularly for students working on the certification "Teacher of Young Children". The student teacher works with an experienced teacher in the school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4389

Student Teaching in Pre-School

This course is a field-based student teaching experience in pre-kindergarten or kindergarten, particularly for students working on the certification "Teacher of Young Children". The student teacher works with an experienced teacher in the pre-school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4390

Student Teaching in Elementary School Grades

This course is a field-based student teaching experience in grades 1-6 for students working on the combined certification of elementary school and kindergarten or elementary school and special education. The student teacher works with an experienced teacher in the school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4391

Student Teaching in the Kindergarten

This course is a field-based student teaching experience in the kindergarten. The student teacher works with an experienced teacher in the school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4392

Student Teaching in the School Resource Room

This course is a field-based student teaching experience in the learning resource room. The student teacher

works with an experienced teacher in the school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4393

Student Teaching in Elementary School Art

This course is a field-based student teaching experience in elementary school art for the student preparing for all/level certification. The student teacher works with an experienced teacher in a school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4394

Student Teaching in Elementary School Music

This course is a field-based student teaching experience in elementary school music for the student preparing for all/level certification. The student teacher works with an experienced teacher in a school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4395

Student Teaching in Secondary School Subjects

This course is a field-based student teaching experience in secondary school regular classrooms for students working on the combined certification of secondary school and special education. The student teacher works with an experienced teacher in a school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4396

Student Teaching in Secondary School Art

This course is a field-based student teaching experience in secondary school art for the student preparing for all/level certification. The student teacher works with an experienced teacher in a school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher

Education Committee.

4397

Student Teaching in Secondary School Choral Music

This course is a field-based student teaching experience in secondary school choral music for the student preparing for all/level certification. The student teacher works with an experienced teacher in a school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4398

Student Teaching in Secondary School Instrumental Music

This course is a field-based student teaching experience in secondary school instrumental and/or band music for the student preparing for all/level certification. The student teacher works with an experienced teacher in a school setting for one-half of each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4690

Student Teaching in Elementary School Grades

This course is a field-based student teaching experience in grades 1-6 for students seeking elementary school certification. The student teacher works with an experienced teacher in a school setting for each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

4691

Student Teaching in Secondary School Subjects

This course is a field-based student teaching experience in a secondary school for students seeking secondary school certification. The student teacher works with an experienced teacher in a school setting for each school day for nine weeks. Prerequisite: Approval of the Teacher Education Committee.

EARLY CHILDHOOD EDUCATION

A student may elect to seek certification for teaching pre-school

and primary school children. This certificate is entitled "Teacher of Young Children" and qualifies the holder to teach children ages 3 through grade 3.

A student has the opportunity to add the Kindergarten endorsement to the Elementary or All-Level certificate, either by completing all requirements simultaneously upon graduation or by adding the required Kindergarten courses after graduation.

An additional option in this area is the opportunity to add the endorsement "Early Childhood Education for Exceptional Children" to an existing Elementary or All-Level certificate.

Program Requirements

1. Teacher of Young Children

In addition to the 49 or 50 semester hours included in the degree requirements for all students, a prospective teacher must complete the major in Child Development (see Department of Behavioral Studies), the major in Early Childhood Education, 12 semester hours in a combination of subjects, and 12 semester hours in professional teacher education.

The major in Early Childhood Education includes Elementary Education 3340, 3350, 4310, 4320, 4330, 4340, Early Childhood Education 4313, and Elementary Education 3310 or 3320, for a total of 24 semester hours.

The student selects 12 semester hours from Elementary Education 3310 (If not counted in Early Childhood Education major); Art 3313, Bilingual Education 3363, 4343; Speech 1323; Elementary Education 3320 (If not counted in Early Childhood Education major); Music 4202; Psychology 1313, 2363, 3383, 4330; Sociology 1313, 3333, 3393; Special Education 4343; Theatre 2303, 4303. If the student chooses Special Education 4343, he will receive the additional endorsement "Early Childhood Education for Exceptional Children" upon graduation.

Professional teacher education requirements include Education 3323, 4333, 4388, and 4389.

2. Kindergarten

Any student who desires to secure the Elementary certification and Kindergarten endorsement simultaneously upon graduation may do so by satisfactorily completing Early Childhood Education 3314, 3323, and 4313. The usual requirement in student teaching in elementary school, Education 4690, is waived, and the student completes Education 4390 and 4391.

Any individual who already possesses the Elementary, All-Level or Vocational Homemaking certificate can earn the added Kindergarten endorsement by completing a minimum of 12 semester hours, including Early Childhood Education 3314, 3323, 4313, and Education 4391. However, a teacher with a minimum of one year's experience teaching in an accredited kindergarten program may substitute Early Childhood Education 4381 for Education 4391.

3. Early Childhood Education for Exceptional Children

Any Elementary or All-Level student who desires to secure the added endorsement "Early Childhood Education for Exceptional Children" must earn credits in Early Childhood Education 3314, and 3323 or 4313; and Special Education 4303, 4343, for a total of 12 semester hours.

3314 The Young Child

This course includes an indepth study of growth and development during infancy and early childhood. Directed observations of the physical, mental and social characteristics of the young child are conducted in pre-school and primary grade settings. Strategies for developing self-discipline, creativity, and positive interrelationships are included. The behavioral science foundations of early childhood education including psychosexual-

personality, normative-motivational, behavioral-environmental, cognitive-transactional and humanistic concepts are studied. The affective development of young children is studied, including interpersonal relationships of teachers and children and strategies for managing behaviors. (Offered also as Child Development 3314)

3323

Language and Concept Development in Young Children

Study includes the relationship between language and thought; theories of language learning; changes in the young child's intellectual structure; role of the teacher; practical applications in field settings. (Offered also as Child Development 3323)

4313

Curriculum and Instruction in Early Childhood Education

Includes the study of and experiences with application of alternative instructional strategies; planning and evaluation of learning activities based on the needs of young children; application and evaluation of factors affecting learning by young children, including the selection and planning of physical facilities; the skills necessary for management of an early childhood educational program; has a field experience component. Students gain knowledge of the concept of least restrictive alternative and implications for the learning process; the characteristics and learning differences of exceptional/handicapped pupils; skill in developing and implementing individual educational plans; and knowledge of admission, review, and dismissal procedures for exceptional/handicapped children.

4343

Early Childhood Education for Exceptional Children

This course involves an indepth study of growth and development of the exceptional/handicapped child during infancy and early childhood with emphasis on values, theories and practical aspects in designing the learning environment. Directed observations are conducted in pre-

school and primary-grade settings.
Prerequisite: EDEC 3314 or EDSP 4303
(Offered also as Special Education
4343)

4181, 4281, 4381

Special Topics

This course provides opportunities for individual research and development in areas of special interest, current issues, and special problems within the field of education of young children. A minimum of 30 clock hours of directed study is required for each semester hour of credit.

Special Education

There are two options available in Special Education for students who are certified as Elementary, All-Level, or Vocational Homemaking teachers, and one option available for Secondary teachers. The former may qualify for the added endorsement of Special Education (Language/Learning Disabilities) or Early Childhood Education for Exceptional Children, and Secondary teachers may elect to add the Special Education (Language/Learning Disabilities).

Program Requirements

1. Special Education
(Language/Learning Disabilities)

Any teacher with certification in Elementary or Secondary fields may add the Special Education (LLD) endorsement by completing satisfactorily Special Education 4303, 4313, 4324, 4333, and Psychology 4330, for a total of 15 semester hours.

An undergraduate may complete this endorsement simultaneously with the other certification fields, but instead of the usual student teaching requirement will take Education 4392 and 4390 or 4395.

2. Early Childhood Education for Exceptional Children

An undergraduate or post-baccalaureate student with Elementary or All-Level teacher certification may earn the added endorsement "Early Childhood Education for Exceptional Children" by completing satisfactorily

Special Education 4303, 4343, and Early Childhood Education 3314, 3323 or 4313, for a total of 12 semester hours.

4303

Survey in Education for Exceptional Children

Focuses on historical analysis of society's concern for exceptional/handicapped children's learning characteristics, etiology, and data relating to current issues and practices. Significant changes in how our judicial system perceives responsibilities of the public school for educating exceptional/handicapped children. New commitments to mainstreaming, individualized educational plans, due process, and the severely/profoundly handicapped are analyzed.

4313

Teaching Children Manifesting Learning Disabilities

This course involves a study of the unique psychoeducational needs of the language/learning disabled child. There is a survey of educational evaluation techniques, intelligence and aptitude factors, instructional strategies, remediation program design, use of specialized teaching materials and media, and alternative classroom arrangement, such as resource rooms, integrated, and self-contained classrooms.

4324

Educational Appraisal of Children with Learning Disabilities

This course is an introduction to appraisal techniques used to identify specific learning disabilities, such as interpretation of standardized achievement; mental ability and aptitude tests; preparing educational plans; and use of case study data in educational applications.

4333

Diagnostic Teaching of Children with Learning Disabilities

This course is a study of the implications of the diagnostic teaching process. Techniques of operating a diagnostic classroom, where children who are "marginal identification

referrals" are studied to determine the nature of the learning environment best suited to their needs, are included. The design and implementation of individualized remedial plans are taught in this course.

4343

Early Childhood Education for Exceptional Children

This course involves an indepth study of growth and development of the exceptional/handicapped child during infancy and early childhood with emphasis on values, theories, and practical aspects in designing the learning environment. Directed observations are conducted in pre-school and primary-grade settings. Prerequisite: EDEC 3314 or EDSP 4303 (Offered also as Early Childhood Education 4343)

4181, 4281, 4381

Special Topics

A service course designed to permit the offering of topics of current interest and special workshops. May also be used for individual study, in which a minimum of 30 clock hours of directed study is required for each semester hour of credit. Topics and projects are selected on the basis of student interest and need.

DEPARTMENT OF PHYSICAL EDUCATION, AND RECREATION

Degree Requirements

Each person who receives a baccalaureate degree at Houston Baptist University is required to have completed satisfactorily one credit in each of two different individual sports. These activities are listed under the designation Physical Education 2111. Students who demonstrate advanced proficiency in a particular sport may enroll in Physical Education 2121 without completing Physical Education 2111 in that sport. In such cases, Physical Education 2121 will suffice for the graduation requirement, provided the student also presents credit in a different sport.

A student who presents a physician's statement attesting to the non-advisability of the student's participation in activity courses may take two courses in Personal

Development or a Physical Education theory course to satisfy the degree requirement. Such an individual may be examined by the university physician.

Students may take as many sections of Physical Education 2111 and 2121 as they wish, but only four semester hours of credits will be counted in the 130 credits required for graduation.

The option of taking an activity course for an ABCDF grade is available. The usual credit in Physical Education activity courses is a pass-fail credit. His/her choice must be identified at registration and may not be changed later.

Concentration in Physical Education

A student may elect to major in Physical Education, Para-Medical Sports Therapy, or Recreation. Each of these is a concentration within the various offerings of the department. Physical Education or Para-Medical Sports Therapy may be completed as one of the two majors required for graduation, or either can be used as a teacher certification field. Recreation is not a major that can be used for teacher certification.

The curriculum is designed to acquaint the student with the contribution to be made by physical education and recreation to the total development of a human being — physically, intellectually, and spiritually. The required courses include principles of organizing and administering physical education programs in schools, intramural sports programs, coaching of athletics, and outdoor education.

The faculty recognizes the need for professional preparation of personnel to be employed in the rapidly-expanding field of recreation. A student may be interested in church recreation, municipal park supervision, community center service, summer camp direction, YMCA, and YWCA activities.

The Department of Physical Education and Recreation offers a sequence of courses that educates a student to become an athletic trainer. This major is entitled Para-Medical Sports Therapy.

Program Requirements

A student who chooses to major in physical education as a liberal arts field leading to entrance into graduate school or who wishes to teach in the secondary school is required to earn credits in the following courses: Physical Education 2323, 2363, 3333, 3363, 3383, 3393, 3394, 4292, and 4295, for a total of 25 semester hours. It is strongly recommended that this student take Biology 2313 and 2323.

Any student who elects to major in physical education as an area of specialization to qualify for teaching in the elementary school must complete the following requirements: Physical Education 2363, 3323, 3363, 3393, 4323, 3324, 4292, 4295, and 3 semester hours of Physical Education electives, for a total of 25 semester hours.

To earn a major in recreation, a student must complete the following requirements: Physical Education 2373, 3373, 4313, 4314, 4293, 4296, and ten elective credits in physical education, for a total of 26 semester hours.

111

Beginning Individual Sports

The development of beginning skills in individual sports such as tennis, badminton, archery, gymnastics, bowling, skiing, etc.

121

Advanced Individual Sports

A continuation of selected individual sports for students with intermediate and advanced skills.

1323

Teaching Team Sports

Materials and methods in teaching physical education through theory and practice in skills and techniques of team sports.

1131

Varsity Intercollegiate Athletics

A student-athlete who participates in the University intercollegiate athletic program is permitted to register in the sport during the one quarter per year in which it is offered.

2232, 2233, 2234

Coaching of Athletics

These courses include the methods, techniques, and psychology of coaching in football, cross country track, basketball, gymnastics, track and field, and baseball. (Offered also as Para-Medical Sports Therapy 2232, 2233, 2234)

2343

Para-Medical Sports Therapy

An introduction to the major concepts and principles of all components of para-medical emphasis. This class is an on-the-job endeavor in hospitals in the Houston area. (Offered also as Para-Medical Sports Therapy 2343)

2363

Philosophical Foundations of Physical Education

A study of the philosophy and history of physical education and the organization of physical education programs with emphasis on administration of selected programs. (Offered also as Para-Medical Sports Therapy 2363)

2373

Administration of Recreation Programs

A study of recent trends in organization and administration of recreation programs. Special attention is given to control, personnel and department organization, and administrative practices on a local level.

3242

Live Saving and Water Safety

Techniques of teaching swimming progressions, Red Cross Life Saving and Instructors Course. (Offered also as Para-Medical Sports Therapy 3242)

3323

First Aid

This course meets the requirements for the Red Cross certificates: Standard and Instructor. (Offered also as Para-Medical Sports Therapy 3323)

3333

Teaching Individual Sports

Materials and methods in teaching physical education through theory and practice in skill techniques of individual sports.

3343

The Para-Medical Trainer

Advanced techniques and principles of para-medical athletic medicine. A study of one major field of para-medicine.

This class is an on-the-job training.

Prerequisite: Physical Education 2343

(Offered also as Para-Medical Sports Therapy 3343)

3353

Health Education

Subject matter and teaching methods and practices in preparation for teaching health education. (Offered also as Para-Medical Sports Therapy 3353)

3363

Tests and Measurements in Physical Education

Introductory course in the area of measurement and evaluation in physical education. Fundamental statistics and practical experiences administering and taking physical education skill tests are included.

3373

Planning and Maintenance of Recreation Facilities

A study of problems involved in planning and maintenance of recreation facilities. Includes inspection of areas and facilities.

3383

Organization of the Intramural Program

Methods of organizing and administering intramural programs. Competencies are developed through field experiences with intramural programs involving team sports.

3393

Physiology of Exercise

A course concerning human physiology and its relationship to exercise. Students participate in fitness training and testing to apply fundamental principles of exercise physiology. (Offered also as Para-Medical Sports Therapy 3393)

3394

Kinesiology

An introduction to the elementary principles of kinesiology. (Offered also as Para-Medical Sports Therapy 3394)

4313, 4314

Recreational Leadership

The organization and planning of recreation in schools, churches, and the community.

4323

Movement, Behavior, and Motor Learning

A course structured around the basics of human movement and motor performance. Subject matter includes perceptual-motor foundations of physical education with emphasis on the state of the performer and his ability to learn motor skills. (Offered also as Para-Medical Sports Therapy 4323)

4324

Adaptive and Corrective Physical Education

A study of problems relating to body mechanics, the needs of and programs for the atypical student. (Offered also as Para-Medical Sports Therapy 4324)

4343

Applied Para-Medical Training

A directed individual and group study of techniques and principles of taping, wrapping, using therapeutic modalities, nutrition, injury rehabilitation, hygiene, and emergency care to injured individuals. Prerequisite: Physical Education 2343, 3343. (Offered also as Para-Medical Sports Therapy 4343)

4181, 4281, 4381

Special Topics

Directed study of a minimum of thirty clock hours for each semester hour of credit. Topics and projects are selected on the basis of student interest and need.

4292

Senior Seminar in Physical Education

The student conducts a research study in the literature on a selected topic in physical education and writes a paper. Prerequisite: Senior standing in physical education. See Note 3 under Degree Requirements.

4293

Senior Seminar in Recreation

The student conducts a research study

in the literature on a selected topic in recreation and writes a paper.

Prerequisite: Senior standing in recreation. See Note 3 under **Degree Requirement**

4295

Senior Seminar in Physical Education

The student participates in a field experience that involves observation and contact with physical education programs and prepares and collects resource materials for the organization and conduct of such programs.

Prerequisite: Senior standing in physical education. See Note 3 under **Degree Requirement**.

4296

Senior Seminar in Recreation

The student participates in a field experience in a recreation program or surveys several such programs.

Prerequisite: Senior standing in recreation. See Note 3 under **Degree Requirements**.

Para-Medical Sports Therapy

The para-medical sports therapy program is designed to provide each student with training and preparation to meet the state and national Athletic Trainer's Association standards. The para-medical sports therapy graduate will be able to act as a liaison with the departments of physical education and student health. The program provides the opportunities for a physical education major to concentrate upon para-medical athletic training and to prepare himself for taking the qualifying examinations as a licensed athletic trainer and to become certified as a teacher in the secondary schools.

Program Requirements

The student who wishes to concentrate his physical education major in the field of para-medical sports therapy must complete the following courses: PMST 2343, 3343, 3393, 3394, 4323, 4324, 4343, 4292, 4293 and 3 semester hours of Physical Education electives.

2232, 2233, 2234

Coaching of Athletics

These courses include the techniques

and psychology of coaching in football, cross country track, basketball, gymnastics, track and field and baseball. (Offered also as Physical Education 2232, 2233, 2234)

2343

Para-Medical Sports Therapy

An introduction to the major concepts and principles of all components of para-medical emphasis. This class is an on-the-job endeavor in hospitals in the Houston area. (Also offered as Physical Education 2342)

2363

Philosophical Foundations of Physical Education

A study of the philosophy and history of physical education and the organization of physical education programs with emphasis on administration of selected programs. (Also offered as Physical Education 2363)

3242

Life Saving and Water Safety

Techniques of teaching swimming progressions, Red Cross Life Saving, and Instructors Course. (Also offered as Physical Education 3242)

3323

First Aid

Course meets requirements for the Red Cross certificates: Standard and Instructors. (Also offered as Physical Education 3323)

3343

The Para-Medical Trainer

Advanced techniques and principles of para-medical athletic medicine. A study of one major field of para-medicine. This class is on-the-job training. Prerequisite: Para-Medical Sports Therapy 2343. (Also offered as Physical Education 3343)

3353

Health Education

Subject matter and teaching methods and practices in preparation for teaching health education. (Also offered as Physical Education 3353)

3393

Physiology of Exercise

A course concerning human physiology and its relationship to exercise. Students participate in fitness training and testing to apply fundamental principles of exercise physiology. (Offered also as Physical Education 3393)

3394

Kinesiology

An introduction to the elementary principles of kinesiology. (Offered also as Physical Education 3394)

4181, 4281, 4381

Special Topics

Directed study of a minimum of thirty clock hours for each semester hour of credit. Topics and projects are selected on the basis of student interest and need. Open to para-medical majors only. Prerequisite: Permission of the instructor and the dean of the college.

4292

Senior Seminar in Para-Medical Sports Therapy

The student conducts a research project into a selected aspect of athletic training theory and writes a paper. Prerequisite: Senior standing in para-medical sports therapy. See Note 3 under **Degree Requirements**.

4293

Senior Seminar in Para-Medical Sports Therapy

The student participates in a field

experience as an athletic trainer under supervision of an experienced trainer. Prerequisite: Senior standing in para-medical sports therapy. See Note 3 under **Degree Requirements**.

4323

Movement, Behavior, and Motor Learning

A course structured around the basics of human movement and motor performance. Subject matter includes perceptual motor foundations of physical education with emphasis on the state of the performer and his ability to learn motor skills. (Also offered as Physical Education 4323)

4324

Adaptive and Corrective Physical Education

A study of problems relating to body mechanics, the needs of and programs for the atypical student. (Also offered as Physical Education 4324)

4343

Applied Para-Medical Training

A directed individual and group study of techniques and principles of taping, wrapping, using therapeutic modalities, nutrition, injury rehabilitation, hygiene, and emergency care to injured individuals. Prerequisites: Para-Medical Sports Therapy 2343, 3343. (Also offered as Physical Education 4343)

College of Fine Arts

COLLEGE OF FINE ARTS

The College of Fine Arts is committed to a program which is designed to provide broad aesthetic experience in art and music for both the major and the general student. In addition to the course work which introduces the student to the fine arts, and to the theories which underlie them, many means are afforded for actual involvement in creativity. Regular performances by the Houston Baptist University Chorus, Band, and Orchestra; faculty recitals, music festival activities, visiting art displays in the Student Center Gallery, vocal and instrumental ensembles, and the annual Fine Arts Festival, all bring opportunity for participation and enjoyment. The location of Houston Baptist University near the cultural center of the city of Houston is an added advantage. Students can enjoy noted artists and lecturers, outstanding theater, facilities of major art museums, and performances of the Houston Symphony and the Houston Grand Opera Association.

The College of Fine Arts offers majors in the fields of art and music. The curricula of these areas may serve as preparation for specialized graduate study, as background training for a career in the arts, or when coordinated with supporting courses in education, as preparation for teaching. Christian liberal arts play an indispensable part in the renewal of our culture.

ART

Houston Baptist University offers a bachelor's degree with a major in art. The art program is designed to help the student develop a personal, critical attitude to his life situation through creative involvements. The beginner is offered a variety of courses which provide technical training, historical background and professional competence while not destroying the dignity of individual opinion and direction. These studies are designed to generate interest and promote understanding of art, which comes in

part through analysis of creative works of past and present. The Senior Seminars provide an opportunity for the student's area of specialization to be the central theme in a final project.

There are four basic plans by which a student may arrive at a bachelor's degree with art as one or both of his majors.

- I. Art Major and unrelated Major (such as English, History or Math):
 - A. This major has studio emphasis for the production of art and is not preparatory for teaching.
 - B. A major in Art for this plan will consist of thirty semester hours including the following courses: 1313, 1323, 2313, 2323, 4292, 4293, and a minimum of 14 semester hours in studio courses.
- II. Elementary Art and Elementary Education:
 - A. This plan is for the student who wishes to teach in the elementary school classroom and/or art in the elementary school.
 - B. A student who wishes to be certified to teach art in the elementary school must take 1313, 1323, 2313, 3313, 3343, 4292, 4293, and a minimum of 6 semester hours in studio courses.
 - C. The six semester hour student teaching requirement will be completed in one quarter.
- III. Art and another teaching field with Secondary Teaching Certificate:
 - A. This student will be qualified to teach in both majors on Secondary level only.
 - B. A student who plans to teach art in the secondary school must take 1313,

1323, 2313, 2323, 3305, 3323, 4292, 4293, and a minimum of 8 semester hours in studio courses.

- C. The six semester hour student teaching requirement will be completed in one quarter.

IV. All-level Art (no additional major required.):

- A. This plan is for the student who plans to teach only art and who wishes to be certified to teach at both elementary and secondary levels.
- B. To be certified to teach art in Grades K-12 a student must take 1313, 1323, 2313, 2323, 3303, 3305, 3313, 3323, 4292, 4293, and a minimum of 20 semester hours in studio courses.
- C. The six semester hour student teaching requirement will be divided into two quarters including one quarter at elementary level, and one quarter at secondary level. Additional information on student teaching is given in the Education section of the catalogue.

Special Requirements: Art majors are required to participate in the annual student exhibition and other exhibits, programs, and lectures. The University reserves the right to retain permanently one work from each student in each class. The disposition of these works will be decided by the art faculty. Other works may be held temporarily for use in specific exhibitions. These will be available to owners no later than two years after the lending date.

1313, 1323

Design

The student makes a thorough study of the principles and elements of design and visual devices which make up a work of art. By means of two and three dimensional problems, students make personal application of these concepts.

2313

History of Art: Prehistoric through Gothic

Paintings, sculpture and architecture reflect man's thinking (social, religious, and political) through which he sought to satisfy needs common to man of every age. The unique contribution made by each culture toward our art heritage is stressed along with influences of one culture on another.

2323

History of Art. Renaissance through Modern

Beginning with the sixteenth century, this study will trace the development of modern art forms. Stylization, social factors, and important innovations which shape the destiny of man and his arts will be considered.

2231, 2241, 3231, 3241, 4231

Ceramics

In ceramics, the student works with hand-built and wheel-thrown techniques of forming pottery. Experimentation with glaze formulation, glazing, and firing, and the search for a form language that expresses the individual are emphasized.

2232, 2242, 3232, 3242, 4232, 4242

Drawing

These courses are basic exercises using various drawing media and subject matter with emphasis on the human figure. Anatomical rendering, contour and value drawing are studies which will be utilized in the student's ultimate development toward a personal approach to drawing.

Prerequisites: Art 1313, 1323

2233, 2243, 3233, 3243, 4233, 4243

Painting

These studio experiences are based on problems designed to acquaint the student with the possibilities of various painting media and approaches to painting. Students are encouraged to explore and develop a personal direction for their work. Prerequisites: Art 1313, 1323.

2234, 2244, 3234, 3244, 4234, 4244

Printmaking

Printmaking procedures in relief, intaglio, lithography, serigraphy, and experimental forms will be included to give the student a broad understanding of the possibilities of the media. Individual solutions are encouraged after basic technical procedure has been learned.

Prerequisites: Art 1313, 1323.

2235, 2245, 3235, 3245, 4235, 4245

Sculpture

Emphasis is placed on understanding many three-dimensional design problems, exploration of various media in a variety of approaches including additive, subtractive, manipulative, and casting techniques. Prerequisites: Art 1313, 1323.

3303

Art for Pre-Adolescents

This course deals with the philosophy of pre-school and elementary school art education based on Lowenfeld's continuum of growth. The laboratory experience with art emphasizes two-dimensional art media appropriate for the young child. Prerequisite: Student must be a junior in good standing in the teacher education program.

3305

Art for the Secondary School

This course involves the production of art using media and processes considered appropriate for middle school and senior high school art programs. Emphasis is placed on combining technique, exploration of media and interrelation of art appreciation with art activities. Prerequisites: Art 1313, 1323, 2313, 2323, and eight semester hours of approved studio courses.

3313

Crafts for Pre-Adolescents

This course involves creative problems in crafts designed for the pre-adolescent pupil with specialization in three-dimensional media. Prerequisite: Junior standing in the teacher education program.

3323

Crafts for the Secondary School

This studio course presents practical experience and preparation for teaching three-dimensional design, weaving, printmaking, stitchery, and fabric design in the secondary school. Prerequisites: Art 1313, 1323, 2313, 2323 and eight semester hours of approved studio courses.

3343

Art Appreciation

This course makes a comparative study of various modes of expression in all of the visual arts. Works of art studied in this course are selected from the prehistoric to the present. It is desired that the student see art as a very personal experience of man and that he begin to react more sensitively to art in our culture.

4181, 4281, 4381

Special Topics

Directed study of a minimum of thirty clock hours for each hour of credit. Topics and projects are selected on the basis of student interest and need. Open to Art majors only. Prerequisite: Permission of the instructor and the Dean of the College.

4292, 4293

Senior Seminar

Individual work in the student's area of specialization will be carried out as a final project. Participants will be encouraged to seek a personal approach to creating a form language that can adequately express the level of awareness attained. Prerequisite: See Note 3 under **Degree Requirements**.

Music

The Department of Music is an integral part of Houston Baptist University; students taking regular work are under the same rules for attendance, discipline, and examinations required in all other parts of the University.

The curricula in Music at Houston Baptist University are designed to provide the specialization and depth of

study necessary for the Performance major, the Sacred Music major, or the Music Education major. In addition, curricula and courses are offered which lead to a Bachelor of Arts or a Bachelor of Science degree for those students seeking more of a non-performance degree steeped in liberal arts studies, and for other students who wish to take electives in music or to participate in one of the performing ensembles.

Students who wish to major in music at Houston Baptist University must apply for acceptance to a degree program which leads to a Bachelor of Arts or the Bachelor of Science degree in music, in which a major from another area may be combined with a major in music; the Bachelor of Music Education degree; or the Bachelor of Music degree. In the Bachelor of Music degree, a student may choose an orchestral instrument, organ, piano, voice, or Sacred Music as his major.

ENTRANCE EXAMS

a) Applied: A student majoring in applied music must demonstrate talent for solo performance by means of an audition for the music faculty before being admitted to the curriculum, and must give a junior and/or a senior recital. A student who, at the time of the audition, does not quite meet entrance requirements for their projected degree but who demonstrates unusual potential, may, at the recommendation of the music faculty, be accepted to the School of Music on a "Provisional" basis. Provisional students must fulfill all deficiencies within a specified time which will be stated in the initial letter of acceptance. Failure to complete the deficiencies within the specified time period will automatically terminate the student's acceptance to his current degree plan.

b) Written: At the time a student auditions for admission to the School of Music, placement examinations will be given in Music Theory and in Music Literature. If the examinations are not passed with a grade of 70%, the following courses will be required before the student may begin the

regular series of Music Theory or Music Literature courses (students are referred to the current Handbook for Music Majors for further details):

Rudiments of Music
Theory (2 hrs.)
Introduction to Music
Literature (Up to 6 hrs.)

c) SAT or ACT Evaluations: In addition to Music Theory and Music Literature examinations, students should be aware of the fact that if the SAT or ACT scores are not satisfactory, courses in English and/or Mathematics may be required which do not count toward the degree requirements. All of the courses mentioned above are geared to give students the necessary and essential backgrounds in those areas which will enable the student to enter the regular curriculum with ease. Without the necessary background, it would be extremely difficult for a student to succeed in the curriculum at Houston Baptist University.

UPPER DIVISION EXAMINATION

The purpose of the upper division examination is to assess the progress made by the student during the first two years of study. The examination is to be taken at the end of the sixth quarter of study at Houston Baptist University, or at the end of the quarter during which a minimum of 60 semester hours of credit applicable to a degree will be earned. Transfer students with 60 hours of transfer credit must take the upper division examination upon entering the University, or at the end of the first quarter of study at the University. Students may postpone the examination only by petitioning the Dean of the College of Fine Arts, and it must be taken as soon thereafter as possible, not later than four quarters prior to expected graduation.

The examination will be administered by a committee composed of the student's major department faculty and a representative from the Dean's office. The committee will submit a written report upon completion of the examination with recommendations for the program to be pursued by the student.

All students will be graded on performance as part of the examination,

and the grade received for this portion of the examination will be the grade for the quarter's work in the major applied area. The student's teacher will give two grades, one for the quarter's work and one for the performance at the examination. Each member of the jury will give a grade for performance, and they will be averaged with the student's teacher's grades to arrive at a final grade.

Upon recommendation of the upper divisional examination committee, the student will then be admitted to a specific degree program in Music. The student may not pursue any other degree in Music without petitioning and auditioning for a different degree once the upper divisional examination has been taken and the committee has submitted its recommendations.

Any student who does not pass the Upper Divisional Examination will be placed on probation for one quarter, at the end of which he will retake the examination. Failure to pass the examination a second time will result in his being required to consider an optional degree plan at Houston Baptist University.

JURY EXAMINATIONS

Every student enrolled in a private applied music course must take a jury examination at the end of each quarter of study. The jury will consist of the members of the faculty in the student's major field of performance. The student's teacher will provide a grade to be counted as one-half the quarter grade, and the grades of the rest of the jury will be averaged for the other half of the grade. Failure to take the jury examination will result in failing the course, unless there are mitigating circumstances, in which case an incomplete may be assigned.

ENSEMBLE REQUIREMENT

All students enrolled as Music Majors must enroll and make a passing grade in an ensemble for each quarter during which they are registered as a full time student at Houston Baptist University. Students attending Houston Baptist University on a music scholarship program may be required to participate in two ensembles, at the discretion of the Dean.

MUSIC THEORY AND MUSICOLOGY EXAMINATIONS

All students enrolled in a freshman, sophomore, or junior theory course, or in a sophomore music literature or junior music history course will be given a cumulative examination at the end of the third quarter. The examination must be passed with a grade of 70% or higher in written theory and music history, and a grade of 60% or higher in aural theory or music literature in order to progress to the next level of study. If the examination is not passed at the end of the third quarter, the student may retake the examination in July, but must pass with a grade of 80% (70% aural and music literature). If the student does not pass the examination the second time, he may retake it again prior to registration in the fall, but must pass with a grade of 85% (75% aural and literature). If the examination is not passed the third time, the student must appear before the review board to determine how much of the year must be repeated. If a quarter is repeated and passed with a grade of B or higher, the cumulative examination does not need to be repeated again. If the student earns a C in the repeated quarter(s), the cumulative examination must be taken and passed with a grade of 70% or higher.

If a student does not pass on to sophomore or junior level after repeating the cumulative examination series a second time, the student may not continue as a candidate for any music degree at Houston Baptist University.

STUDENT FORUM AND CONCERT ATTENDANCE REQUIREMENT

All music majors enrolled as full time students at Houston Baptist University are required to attend at least seven student forum meetings and five concerts (on or off campus) during each quarter. Failure to meet this requirement will result in an incomplete grade being given in the student's major applied field for the quarter. The incomplete will be changed when the student has met the requirements determined by the faculty committee.

BACHELOR OF MUSIC EDUCATION

The Bachelor of Music Education degree is designed as a broadly-based professional program leading to teacher certification in the public school, grades K-12. Following is an outline of the requirements for this degree:

THEORY	Rudiments of Music	2 hrs.*
	Theory I	6 hrs.
	Aural Skills I (1112, 1122, 1132)	3 hrs.
	Theory II	6 Hrs.
	Aural Skills II (2112, 2122, 2132)	3 hrs.
	Theory III (3312)	3 hrs.
	Instrumentation	2 hrs.
MUSIC LITERATURE AND HISTORY	Introduction to Music	6 hrs.*
	Music History	6 hrs.
MUSIC METHODS	Instrumental	4 hrs.
	Age Group Methods	9 hrs.
	Conducting	2 hrs.
	Concentration	8 hrs.
APPLIED AREA	Piano	4 hrs.
	Two Required	4 hrs.
SENIOR SEMINARS		
		55 hrs.

*Not applicable to B.M.E. degree

BACHELOR OF MUSIC (Sacred Music)

The Bachelor of Music degree with a major in Sacred Music is designed to be a thoroughly professional degree which concentrates not only on providing basic musical skills, but a concomitant background in the philosophy & history of Sacred Music, in educational philosophy & techniques, and in advanced conducting skills. Following is an outline of the requirements for this degree:

THEORY	Rudiments of Music (0212)	2 hrs.**
	Theory I (1212, 1222, 1232)	6 hrs.
	Aural Skills I (1112, 1122, 1132)	3 hrs.
	Theory II (2212, 2222, 2232)	6 hrs.
	Aural Skills II (2112, 2122, 2132)	3 hrs.
	Theory III (3312)	3 hrs.
HISTORY & LITERATURE	Introduction to Music (1212, 1222, 1232)	6 hrs.**
	Survey of Music Literature (2212, 2222, 2232)	6 hrs.
	Music History (3212, 3222, 3232)	6 hrs.
SUPPORT COURSES	Senior Seminars (4292, 4293)	4 hrs.
	Conducting (3272, 4272, 4273)	6 hrs.
	Applied Major	24-30 hrs.
MAJOR AREA	Recitals (2—1 in applied area, 1 in conducting)	2 hrs.
	Applied Secondary	4 hrs.
	Cognate courses	
	Choral Literature — Small Forms (3212),	
	Choral Literature — Large Forms (3222),	
	Hymnody (3232), History of Worship for the	
EDUCATION CORE	Musician (4212), Philosophy of Music in the	
	Church (4222)	10 hrs.
	Music for Children (4202), Music for Early	
	Adolescents (4203), Music for Adolescents (4204)	6 hrs.

Total Music Hours 90-96 hrs.

LIBERAL ARTS CORE

	Sem. Hrs.
Christianity 1313, 1323 and 3323	9
English 1313, 1323, 2313, 2323	12
Foreign Language	6
Physics 1303	3
Physical Education 2111	2
Social and Behavioral Sciences	9

There are two series of courses from which to choose:

- | | |
|----------------------|------------------------------|
| I. ECON1301 (3 hrs.) | II. HIST 2313, 2323 (6 hrs.) |
| POLS 2313 (3 hrs.) | Elective (3 hrs.) |
| Elective (3 hrs.) | |

Elective hours may be chosen from the following courses:

INDC 2311, 2312, 2313, 2314	HIST
SPCH 1313	PSYC
ECON	SOCI
POLS	

*Not applicable to B.M. or B.M.E. degree — could be offered to non-music major as elective.

BACHELOR OF MUSIC (Performance)

The Bachelor of Music degree with a major in performance is designed as a highly selective & professional curriculum for the exceptionally gifted performer who is seeking a career in musical performance, or in preparing for further graduate study in music leading to a career in the teaching of music at the college or university level. Following is an outline of the requirements for this degree:

THEORY	Rudiments of Music (0212)	2 hrs.*
	Theory I (1212, 1222, 1232)	6 hrs.
	Aural Skills I (1112, 1122, 1132)	3 hrs.
	Theory II (2212, 2222, 2232)	6 hrs.
	Aural Skills II (2212, 2122, 2132)	3 hrs.
	Theory III (3312)	3 hrs.
HISTORY & LITERATURE	Introduction to Music (1212, 1222, 1232)	6 hrs.*
	Survey of Music Literature (2212, 2222, 2232)	6 hrs.
	Music History (3212, 3222, 3232)	6 hrs.
SUPPORT COURSES	Senior Seminars (4292, 4293)	4 hrs.
	Conducting (3272, 4272 or 3273, 4273)	4 hrs.
APPLIED AREA	Major	36 hrs.
a) Organ:	Recitals	3 hrs.
	Cognate courses	
	Applied Skills for Organists I (3212, 3222, 3232),	
	Applied Skills for Organists II (4242, 4252, 4262)	12 hrs.
	Applied Secondary	3 hrs.
		<hr/> 54 hrs.
(b) Piano:	Major	36 hrs.
	Recitals	3 hrs.
	Cognate courses	
	Accompanying (2114, 2124, 2134),	
	Keyboard Harmony (3114, 3124, 3134),	
	Piano Literature (4214, 4224),	
	Piano Pedagogy (4234)	12 hrs.
	Applied secondary	3 hrs.
		<hr/> 54 hrs.

(c) Voice:	Major	30 hrs.
	Recitals	3 hrs.
	Cognate courses	
	Diction (1146, 1156, 1166, 2146), Vocal Literature (3216, 3226, 3236), Vocal Pedagogy (4146, 4156)	12 hrs.
	Opera Workshop 3119, 3129, 3139	
	Applied Secondary	3 hrs.
		<hr/> 54 hrs.
(d) Instrumental:	Major	30 hrs.
	Recitals	3 hrs.
	Cognate Courses	
	Instrumental Chamber Music (2112, 2122, 2132, 3112, 3122, 3132), Instrumental Methods (3111, 3112, 3113, 3114), Instrumentation and Orchestration (4212), Studio Recording Techniques (4222), Jazz Influences on Instrumental Music (4232)	16 hrs.
	Applied Secondary	3 hrs.
	Advanced Instrumental Conducting (4273)	2 hrs.
		<hr/> 54 hrs.
	Total Music Hours (All Majors)	96 hrs.

LIBERAL ARTS CORE

	Sem. Hrs.
Christianity 1313, 1323, and 3323.	9
English 1313, 1323, 2313, 2323.	12
Foreign Language	6
Physics 1303	3
Physical Education 2111	2
Social and Behavioral Sciences	9
(See the explanation under the same heading, Bachelor of Music (Sacred Music) degree, page 82.	

*Not applicable to B.M. or B.M.E. degree — could be offered to non-music major as elective.

MUSIC THEORY

0212

Rudiments of Music

A basic course for students who do not meet the level required for admission to Music Theory I. Open to all students, but not applicable to degree requirements for a music major. Music majors placed in this course will continue the second quarter with Music Theory I, 1212, and Aural Skills I, 1112.

1212, 1222, 1232*

Music Theory I

A study of the materials and structure of melody, two-voice, three-voice, and homophonic textures; binary, ternary, and through-composed forms; and chord structures through secondary dominants. Prerequisite: placement out of MUTH 0212. May not be taken out of sequence.

2212, 2222, 2232*

Music Theory II

A continuation of Music Theory I. Chromatic harmony, larger polyphonic and homophonic forms, and introductory work in Impressionism. Emphasis on aural and visual analysis. Prerequisite: completion of MUTH 1212-1232.

1112, 1122, 1132

Aural Skills I

Aural drill on recognition of fundamental musical materials from intervals through secondary dominants. Must be taken concurrently with the corresponding Music Theory I courses. Prerequisite: exemption from or successful completion of MUTH 0212.

2112, 2122, 2132

Aural Skills II

A continuation of Aural Skills I. Modulation, chromatic harmony, introduction to Impressionistic materials.

3312

Music Theory III

A study of new compositional materials and analytical techniques in the 20th Century. A continuation of skills and techniques introduced in Music Theory II, as well as in Aural Skill II. The course will meet for five

hours per week for one quarter.

Prerequisite: completion of Music Theory II and Aural Skills II, or demonstrated equivalent.

4232

Instrumentation

An introduction to the principles of orchestration, arranging, and score reading. Specific record listening assignments supplement the other work of the course. Prerequisite: Music 2232.

4292, 4293, 4294

Senior Seminars in Music Theory

4292: Score Reading: performance at the keyboard of graded scores, both instrumental and vocal. Rerequisite: MUTH 3312.

4293: Theory Pedagogy: study of examination procedures, grading procedures, and some laboratory experience in teaching.

4294: Terminal Project in Music Theory: a supervised paper of 30-40 pages dealing with a topic approved by the professor. Prerequisite: See Note 2 under **Degree Requirements**.

All students enrolled in a freshman, sophomore, or junior level theory course, or in a sophomore music literature or junior music history course will be given a cumulative examination at the end of the third quarter of each year. The examinations must be passed with a grade of 70% or higher in written theory and music history, and a grade of 60% or higher in aural theory or music literature in order to enroll in the next level of study. The examination may be taken a total of three times during a one year period (see Handbook for Music Majors for more specific details), and if they are not passed two years in a row, the student may not continue as a candidate for a music degree at Houston Baptist University.

MUSIC HISTORY AND LITERATURE

1212, 1222, 1232

Introduction to Music

A basic music appreciation course for those students with little or no background in music. Designed to

acquaint students with a fundamental understanding of music and musical style from all historical periods. Open to all students, but not applicable to degree requirements for music majors.

2212, 2222, 2232

Survey of Music Literature

Survey of musical repertoire of all stylistic periods in Western music from the Middle Ages through the twentieth century. Emphasis is placed upon representative works, and upon analytical listening techniques designed to develop the perception of stylistic characteristics. Prerequisite for music history.

3212, 3222, 3232

History of Music

A study of the evolution and development of music from antiquity to the present. Development of skills necessary to identify and define the various musical genres, forms, and concepts. A study of the outstanding works of the major composers of the western world and their identification through aural recognition. A study of the great works of music literature from historical, analytical, and critical methods and their placement within their proper historical context. Prerequisite: Survey of Music Literature MUHL 1212, 1222, 1232.

4292, 4293

Senior Seminar

An advanced study in the history and literature of music, conducted through guided research discussion, and critical analysis of musical works. The following will be offered as demand warrants on a rotating basis: Opera Literature, 20th Century Music before 1945, Choral Literature, Symphonic Literature before 1840, Keyboard Literature, Solo Song Literature, Baroque Performance Practices, 20th Century Music since 1945, American Music, Oratorio Literature, Symphonic Literature since 1840. Prerequisite: See Note 3 under **Degree Requirements**.

MUSIC EDUCATION AND CHURCH MUSIC

3310

Music for Pre-Adolescents

A course designed for the teacher of pre-school and elementary school children. It includes a study of the child voice, rote singing, development of rhythmic and melodic expression, directed listening, and reading readiness. Basic materials, including song texts, are studied and simple percussion and melodic instruments are used in creative activities.

3111, 3112, 3113, 3114

Instrumental Methods in the Secondary Schools

The study of technical problems, teaching materials and basic performance problems of brass (3111), percussion (3112), strings (3113), and woodwinds (3114). Teaching of each instrument at the elementary level is included.

SACRED MUSIC

3212

Choral Literature — small forms

An historical survey and study of the music from the Renaissance to the present, concentrating on smaller forms such as anthems, motets, and short choral works.

3222

Choral Literature — large forms

An historical survey and study of the music from the late Renaissance to the present, concentrating on larger cantatas, oratorios and other major sacred works.

3232

Hymnody

An historical survey of the development of hymnody from the early ages to the present, discussing both hymns and hymn tunes from the Greek and Latin period to the present. The course is designed to develop a true appreciation for the heritage which has been passed down through the ages via this unique expression of corporate worship.

3272

Choral Conducting

The elementary theory and practice of choral conducting.

3273

Instrumental Conducting

The elementary theory and practice of instrumental conducting.

4202

Music for Children

A course for music education and church music majors designed to develop competencies necessary for implementing musical learning for pre-adolescents. The course will present principles and teaching strategies necessary for pre-adolescent instruction and includes a four-week period of observation and micro-teaching in school or church.

4203

Music for Early Adolescents

A course for music education and church music majors designed to develop competencies necessary for implementing musical learning for middle school age youth. The course will present principles and teaching strategies necessary for middle school instruction and includes a four-week period of observation and micro-teaching in school or church.

4204

Music for Adolescents

A course for music education and church music majors designed to develop competencies necessary for implementing musical learning for senior high age youth. The course will present principles and teaching strategies necessary for senior high school instruction and includes a four-week period of observation and micro-teaching in school or church.

4303

Music in the Public School

A course for music education majors designed to cover philosophies of music education as applied in curriculum and pedagogy. Innovative trends will receive special emphasis. Current periodical literature will provide resource materials.

4212

History of Worship for the Musician

An historical survey of liturgical and free worship forms viewed within the context of the church musician.

4222

Philosophy of Music in the Church

An historical survey of the great sacred literature and its application to corporate worship.

(Replaces Music in Worship 3242, Hymnology 3252, Church Music Administration 4212, and Church Music Literature 4252)

4272

Advanced Choral Conducting

The conducting of choral groups. A study in advanced technique, style, and interpretation. Prerequisite: Music 2232 and 3272 or 3273.

4273

Advanced Instrumental Conducting

The conducting of bands and orchestras. A study in technique, style, and transposition. Prerequisites: Music 2232 and 3272 or 3273.

APPLIED MUSIC

Individual instruction is offered in brass, organ, percussion, piano, voice, and woodwinds. All students electing applied music for credit must take a jury examination at the end of each quarter. The jury will consist of a representative panel of faculty in the student's major field and one professor from another field of performance. The student's professor will provide a grade to be counted as approximately two-thirds of the quarter grade, and the jury examination grade will count as the other one third. Under no circumstances can the final grade vary more than one letter grade from the jury grade. (See Handbook for Music Majors for more specific information.)

Music majors must be registered for applied music in their area of concentration until recital requirements are met.

All students must be enrolled in class or private piano until the minimum

requirements for piano proficiency as set forth in the current Handbook for Music Majors have been met and the examination has been passed. In certain instances, students may be waived from further piano study by passing the sophomore piano proficiency examination. This examination shall be administered regularly at the end of each quarter and at other times as required by the music faculty. All students, except those pursuing a B.A. or B.S. in Music, must perform either a junior or senior recital. Class piano and class voice are designed to develop basic performing ability for students with little or no previous study. Sight reading and good musicianship are stressed. Class participation offers opportunities for learning to listen and criticize, and for performing individually and in ensemble. Emphasis is placed on technique and repertoire. These courses offer preparation for the secondary applied proficiency examination.

0101

Brass

One half-hour lesson per week. One hour credit.

0201

Brass

One hour lesson per week. Two hours credit.

0102

Organ

One half-hour lesson per week. One hour credit. Prerequisite: Piano proficiency.

0202

Organ

One hour lesson per week. Two hours credit. Prerequisite: Piano proficiency.

0302

Organ

One hour lesson per week. Three hours credit. (Audition and permission of instructor.)

0103

Percussion

One half-hour lesson per week. One hour credit.

0203

Percussion

One hour lesson per week. Two hours credit.

0104

Piano

One half-hour lesson per week. One hour credit.

0204

Piano

One hour lesson per week. Two hours credit.

0304

Piano

One hour lesson per week. Three hours credit. (Audition and permission of instructor.)

0105

Strings

One half-hour lesson per week. One hour credit.

0205

Strings

One hour lesson per week. Two hours credit.

0106

Voice

One half-hour lesson per week. One hour credit.

0206

Voice

One hour lesson per week. Two hours credit.

0306

Voice

One hour lesson per week. Three hours credit. (Audition and permission of instructor.)

0107

Woodwinds

One half-hour lesson per week. One hour credit.

0207

Woodwinds

One hour lesson per week. Two hours credit.

0108

Harp

One half-hour lesson per week. One hour credit.

0208

Harp

One hour lesson per week. Two hours credit.

**COGNATE COURSES—
KEYBOARD**

2114, 2124, 2134

Accompanying

Practical aspects of performance with vocalist and/or instrumentalist; transposition at sight; art songs; participation as an equal in specific genres such as sonatas and art songs; matters of interpretation involving other performers.

3212, 3222, 3232

Applied Skills for Organists I

Basic harmonic progressions; harmonization of given melodies and basses; transposition and modulation; reading of "figured bass"; introduction to improvisation; score reading; techniques of accompanying.

3114, 3124, 3134

Keyboard Harmony

Development of skills in sight-reading, ensemble playing, and accompaniment; harmonization, realization of a figured bass or melody, and improvisation; practice in transposition using movable clefs; and reading four-part scores at the keyboard.

4242, 4252, 4262

Applied Skills for Organists II

An historical study of the great liturgies of the world and their present day usage; hymn playing and a survey of hymnody and chant; console conducting; service music.

4214

Piano Literature

Practical survey of major keyboard repertoire written between 1750 and 1900. Emphasis is placed upon principal forms, styles, and composers,

as well as practical consideration of particular pianistic techniques and problems.

4224

Piano Literature

Practical survey of major keyboard repertoire written during the twentieth century. Emphasis is placed upon principal forms, styles, composers, notation, as well as practical consideration of particular pianistic problems encountered in avant-garde music.

4234

Piano Pedagogy

Survey of procedures and materials applicable to the teaching of beginning, intermediate, and advanced piano students.

COGNATE COURSES—VOICE

1116, 1126, 1136, 2116, 2126, 2136

Voice Class I

This course is an elementary approach to the fundamentals of singing: posture, breathing, and essentials of good phonation. The repertoire consists of easy songs in English and Italian. Also included are beginning Italian diction and how to study music. Admission by audition.

1146, 1156, 1166, 2146

Language Diction

This course is an introduction to the speech sounds and rhythms of the Italian, German, French, and English languages as applied to solo vocal literature. The first quarter deals with Italian, and the second English, the third German, and fourth quarter French.

3116, 3126, 3136, 4116, 4126, 4136

Voice Class II

This course continues an emphasis on fundamentals: posture, breathing, good phonation. Also included is an introduction to expressive singing and stage deportment. *Public performance is stressed. The repertoire consists of songs of moderate difficulty in English, Italian and German. Beginning German diction is included. Prerequisite is at least two quarters of Voice Class I or its equivalent. Admission by audition.

3216, 3226, 3236**Vocal Literature Survey**

This course is an intensive survey of solo song literature from the Renaissance period of music history to the present. The first quarter of study is devoted to Italian and English songs; the second quarter to German lieder; and the third quarter to French art song.

3119, 3129, 3139**Opera Workshop**

A course dealing with practical experience in the technical preparation and performance of scenes or complete operas. Included are drama exercises, improvisations, and the integration of music, acting, and opera staging. Admission by permission of the instructor.

4119, 4129, 4139**Advanced Opera Workshop**

A continuation of opera workshop which incorporates more individual instruction and experience in all facets of production techniques including staging, lighting, scenic design, makeup, costuming, etc. Admission by permission of the instructor.

4146, 4156**Vocal Pedagogy**

This course is an historical and practical approach to the art of teaching voice. Emphasis is on research, writing and observation. The second quarter involves some student teaching as directed by the instructor. Admission is by permission of the instructor.

4292, 4293**Senior Seminars**

Studies in pedagogy of performance. Student interest and need will determine offerings in Keyboard Pedagogy and Advanced Voice Pedagogy.

COGNATE COURSES— INSTRUMENTAL

2112, 2122, 2132, 3112, 3122, 3132**Instrumental Chamber Music**

The study and performance of the major chamber music literature for

strings, brass, woodwind and percussion instruments.

4212**Instrumentation and orchestration**

An introduction to the principles of orchestration, arranging and score reading. Exercises in transcribing for strings, brass, woodwind and percussion instruments are assigned. The goal is to understand techniques for writing and arranging for the full symphony orchestra.

4222**Studio Recording Techniques**

The study of recording studio techniques concerning microphone placement, sound overlay, track control, acoustics, separation, equipment and basic tape production.

4232**Jazz Influences on Instrumental Music**

The study of Jazz and its performance as it relates to jazz-influenced symphonic, film, television, ballet, opera, and Broadway show scores, as well as the recording industry and music education. Prerequisite: MUTH 2232

ENSEMBLES

Ample opportunity is offered to all students at Houston Baptist University for creative participation in musical ensembles. Any student who meets the audition requirements may participate in musical organizations. Music majors must participate in either University Chorus, Concert Band, or Orchestra each quarter in residence. Keyboard majors are required to participate in one ensemble and will be assigned accompanying duties. A maximum of four semester hours earned in ensembles may be counted toward the degree.

Choral Activities: Music majors with an emphasis in voice must participate in University Chorus and may elect other ensembles each quarter.

0101 University Singers**0001****University Singers**

Open to all students. Prerequisite:
Audition only.

0121
Chapel Choir

0021
Chapel Choir
Open to all students.

0141 University Chorus

0041
University Chorus
Open to all students, faculty members,
and spouses and required of all music
majors not enrolled in Concert Band or
Orchestra. This chorus will perform
three major productions each year.

Smaller Vocal Ensembles: Several
small ensembles are organized each
year to meet specific needs for
rewarding experiences in music.

0151
Vocal Ensemble

0051
Vocal Ensemble
Open to all students. Prerequisite:
Permission of instructor.

Instrumental Activities: Music majors
with an emphasis in instrumental
music must participate in Concert
Band or Orchestra and may elect other
ensembles each quarter.

0101
Concert Band

0001
Concert Band
The large symphonic grouping of all
band instruments for the purpose of
performing the band literature in
concert.

0121
University Orchestra

0021
University Orchestra

A symphony orchestra with a complete
orchestral instrumentation performing
a varied repertoire including operatic
and choral works. Limited in size by
the composition and the occasion.

Smaller Instrumental Ensembles:
These afford an opportunity for study
and performance for groups of various
sizes and combinations. Two years of
participation in a specific field is
required for each instrumental major.

0131
Brass Ensemble

0031
Brass Ensemble

0041
Percussion Ensemble

0141
Percussion Ensemble

0151
String Ensemble

0051
String Ensemble

0161
Woodwind Ensemble

0061
Woodwind Ensemble

0181
Stage Band

0081
Stage Band

College of Humanities

DEPARTMENT OF CHRISTIANITY AND PHILOSOPHY

Houston Baptist University is committed to providing a liberal arts education frankly and basically Christian in orientation. It is dedicated to the view that Christian ideals and principles provide the perspective, goals and values most essential in higher education. The implementation of this view is the responsibility of the entire university staff, but it is the province of the Department of Christianity to offer the specific courses which enable the students to gain an intelligent and meaningful acquaintance with the Christian religion and with the superb writings of the Old and New Testaments.

Nine semester hours in Christianity are required for graduation. These are basic courses designed for all college students and not for church vocation students alone. Six of the required semester hours (Christianity 1313 and 1323) are prerequisite to all other courses in Christianity except Christianity 1131 and 1333. The remaining three hours (Christianity 3323) are offered on the junior level and are intended to provide an understanding of the Christian religion, with particular reference to its basic doctrinal concepts.

A major in Christianity requires thirty semester hours, the nine hours of required courses, four hours of senior seminars and seventeen additional hours. These seventeen additional hours will be chosen from the following: three hours chosen from practical studies (3353, 3363, 4333, or 4334), three hours chosen from Biblical studies (2313, 2323, or 4343), three hours chosen from historical and philosophical studies (3313, 3333, or 4353), plus eight other hours, six of which must be advanced hours.

As preparation for the student who is committed to or considering church vocations, Houston Baptist University provides a program of field-based, practical studies. This "on-the-job" exposure to ministry settings is designed to complement classroom experiences, vocational guidance, and extra-curricular opportunities to help the student learn more about himself, his denomination, and the field of ministry. Through field-trips, seminars, personal counseling, apprenticeship experiences, and ministry projects, the student is able to integrate classroom and field experience with his developing self-concept in order to clarify more adequately God's call in his life. Although the amount of field-based experience in ministry is not limited, academic credit will be given for a maximum of four semester hours, taken from Christianity 1131 and 3171, 3271.

Each pre-theological student should consult a faculty adviser in the Department of Christianity for guidance in selecting a program in line with suggestions of the American Association of Theological Schools.

Christianity

1131

Internship in Church-Vocations

Students considering church vocations receive opportunity to learn by observing an experienced minister in the pursuit of his role within the ministry setting. Requirements include field-based observation, dialogue with the field supervisor, and on-campus-conferences. Internships are available in a variety of ministerial settings, including pastoral, religious education, youth ministry, church music, chaplaincy, children's work, and denominational work. It is recommended that Christianity 1333 precede the Internship in Church Vocations.

1313

Old Testament

A course designed to introduce the student to the Old Testament and to provide an understanding of the history, institutions, and the theological insights of the Hebrew people. Required for graduation.

1323

New Testament

A course designed to introduce the student to the New Testament and to an appreciative understanding of the life and teaching of Jesus, the early Christian movement, and the doctrinal concepts and ethical ideals of Christianity. Required for graduation.

1333

The Christian Ministry

The course includes a study of the occupational field of church-vocations with emphasis upon the church-vocations worker's personal and ministerial identity, ministerial ethics, Baptist denominational history and polity, and the development of basic skills common to ministry. It incorporates the use of professional ministers from a variety of specializations who serve as resource personnel and role models for the aspiring church-vocations student.

2313

Jesus and His Teachings

An intensive study of the life and teachings of Jesus.

2323

Life and Works of Paul

A study of the apostle Paul and his contribution to the progress of early Christianity, based upon the book of Acts and the epistles attributed to Paul.

3171, 3271

Supervised Ministry Practicum

A field-based learning opportunity in which the church vocations student functions in a ministry role under the supervision of an experienced minister and a university professor. Requirements include the completion of ministry projects within the field setting as well as on-campus

conferences. Emphasis is placed on functional competence in ministry through development of both personal and professional skills. It is recommended that Christianity 1131 and 1333 precede the Supervised Ministry Practicum.

3313

Christian History

A course designed to introduce Christianity in its historical development and the origin and progress of Christianity in America.

3323

Christian Doctrine

A course designed to acquaint the student with the great doctrines of the Christian religion. Attention is given to such doctrines as Revelation, Man, God, Sin, Salvation, the Church, and the Christian Life. Required for graduation.

3333

Philosophy of Religion

A critical examination of the nature and validity of religious experience and the place of religion in human life. Consideration is given to religious problems such as the existence and nature of God, the source of religious knowledge, the nature of man, the origin and nature of evil. (Offered also as Philosophy 3333)

3242, 3243

Biblical Backgrounds

A study of the geographical, archaeological and cultural backgrounds of Biblical lands.

3353

Homiletics

A basic course to introduce the student to the principles of preaching and other ministerial speaking. Attention is given to various types of sermons and their preparation and delivery.

3363

Evangelism

A general study of evangelism as a primary thrust in expanding the Kingdom of God. Emphasis is given to the Biblical concept of evangelism and

to an effective church program to carry out Christ's commission.

4333

Sociology of Religion

An analysis of the role and functions of religion in human societies, types of religious organizations, and the relation between religion and other social institutions. The role of Christianity in American society will be emphasized. (Offered also as Sociology 4333)

4334

Psychology of Religion

The insights of psychology as a human science are used to inspect and evaluate the religious dimensions of life. Included are the sources and meanings of religion, religious development, specific religious experiences and phenomena, and the relative health and sickness of various expressions of religion. (Offered also as Psychology 4334)

4343

Old Testament Prophets

A study of the prophetic movement in Israel and the writings of the canonical prophets.

4353

World Religions

An introduction to the thought and practices of the great religions of the world. Attention is given to the origin, development, and major teachings of Hinduism, Buddhism, Confucianism, Taoism, Shintoism, Judaism, Islam, and Christianity.

4181, 4281, 4381

Special Topics

Guided research involving special projects relating to Christianity and its mission to the world.

4292, 4293

Senior Seminar

Directed studies in selected areas of the student's special interests in Christianity, including opportunities for independent work.

Philosophy

Philosophy is a basic element in an adequate liberal arts education and serves to integrate the various areas of knowledge. The purpose of the study of philosophy is to help the student in his search for the meaning and destiny of human life. It seeks to attain this purpose through a critical study of the significant problems of human thought and of the main systems that have been proposed as solutions to these problems.

1313

Introduction to Philosophy

A foundational course designed to familiarize the student with the meaning and relevance of philosophy through a study of its main problems and the principal theories that have been proposed as solutions to them.

1323

Logic

A study of the significance of language, the basic principles of critical thinking, and the fundamental procedures of scientific method.

2313

Ancient and Medieval Philosophy

A study of the historical development of Western philosophy from its early beginnings in Greece to the end of the Middle Ages.

2323

Modern Philosophy

A continuation of Philosophy 2313, beginning with the Renaissance and ending with the more important philosophers of recent times.

3333

Philosophy of Religion

A critical examination of the nature and validity of religious experience and the place of religion in human life. Consideration is given to religious problems such as the existence and nature of God, the nature of man, the nature of sin, and the source of religious knowledge. (Offered also as Christianity 3333)

4323**Ethics**

A course in which the major ethical systems and their theories of value and conduct are studied critically and evaluated from a Christian point of view.

DEPARTMENT OF COMMUNICATIONS AND THEATRE ARTS

The Department of Communications and Theatre Arts offers majors in three academic areas: Speech, Theatre, Mass Media. A student may select either one or both of his majors from these areas. The courses offered in the department are designed to provide the student with essential communication skills that can be applied as he pursues a career in theatre, professional speech, teaching, journalism, broadcasting, advertising, public relations, or other professions.

Speech

Students who wish to be certified to teach speech in the secondary schools must take Theatre 2303, Speech 1313, 1323, 2333, 3313, 3353, 4303, 4292, 4293, and one additional three hour speech course for a total of twenty-eight hours.

Students not seeking teacher certification may major in speech by taking Theatre 2303; Mass Media 1313; Speech 1313, 1323, 3313, 3353, 4333, 4292, 4293, and either 3373 or 4313 for a total of twenty-eight hours.

1313**The Communication Process**

The nature and effect of communication is studied with particular emphasis on overcoming breakdowns in interpersonal communication. The elements of effective expository communication are also studied.

1323**Oral Interpretation**

Personal speaking effectiveness is studied with emphasis on vocal variety and intelligibility. Oral interpretation is studied as a means of communicating ideas from the printed page.

2101, 2102, 2103, 2104**Forensic Workshop**

Speech and debate workshop for students who actively compete in tournaments and forensic speaking contests. A maximum of four semester hours may be counted toward a degree.

2333**Argumentation and Debate**

A consideration of problem analysis, research, types of evidence, kinds of reasoning, and the detection of obstacles to clear thinking in writing and speaking. Practice debates will be held in class.

3313**Public Speaking**

A performance course designed to help the student improve his speaking. Various communication situations are studied with emphasis on the organized extemporaneous speech.

3353**Advanced Oral Interpretation**

Studies in stimulating listener response to literary experiences. Various literary forms are analyzed and readers theatre methods of presentation are stressed.

3363**Phonetics, Voice and Diction**

Study and use of the international phonetic alphabet, study and application of methods of improving voice production, and concentration upon articulation and pronunciation. Methods of working with pre-adolescents are included. (Offered also as Bilingual Education 3363, Theatre Arts 3363 and Mass Media 3363.)

3373**Conference Methods**

The study and application of group problem-solving techniques. Particular emphasis is placed on reflective thinking, nominal grouping, and the Delphi method as approaches to decision making. (Offered also as Mass Media 3373.)

4303**Methods of Teaching Speech**

A critical analysis of the textbooks and

related materials of the basic speech course and the preparation of course syllabi.

4313

The Rhetoric of Great Issues

A study of selected world orators since 1900. Analysis of speaker, audience, and occasion as contributing to the development of twentieth century ideas.

4333

Persuasion

A study of the factors in attitude formation and behavioral modification. The principles are applied in classroom speaking situations.

4343

Directing the Forensic Program

Theoretical and practical application of administering the forensic program in the secondary school. Areas of focus will be on debate (cross-examination and standard), extemporaneous speaking, original oratory, and dramatic interpretation.

4181, 4281, 4381

Special Topics

Directed study of a minimum of 30 clock hours for each hour of credit. Topics and projects are selected on the basis of student interest and need. Prerequisite: Permission of the instructor and the Dean of the College.

4292, 4293

Senior Seminar

Intensive directed research in limited areas of oral communication. Prerequisite: See Note 3 under **Degree Requirements**.

THEATRE ARTS

Students who wish to teach theatre in the secondary schools must take Speech 1313; Theatre 2313; 2323, 2333, 3343, 3414, 4303, 4292, 4293, and one additional three hour theatre course for a total of twenty-nine hours.

Students not seeking teacher certification may major in theatre by taking Theatre 2313, 2323, 2333, 3343, 3414, 3363, 3373, 4313, 4292, and 4293

for a total of twenty-nine hours.

2101, 2102, 2103, 2104

Applied Theatre

Theatre workshop for students who actively participate in productions. A maximum of 4 semester hours may be counted toward a degree.

2303

Appreciation of Theatre

Practicum in theatre crafts including an introduction to the physical theatre, dramatic literature, and acting. Includes children's theatre.

2313, 2323

History of the Theatre

A systematic study of historical theatre and dramatic literature. The first quarter covers the Greek period to the closing of the English theatre in 1642. The second quarter deals with the reopening of the English theatre to the present.

2333

Acting

The development of the actor's technique in diction, stage movement, emotional recall and characterization.

3323

Contemporary Theatre

Production techniques of the theatre since World War II.

3333

Theatre and the Church

The relationship between the theatre and the Christian Church: historical, ideological, practical. A short practicum in producing for the chancel.

3343

Stagecraft

Fundamentals of construction, painting, lighting, and sound techniques and materials.

3353

Advanced Stagecraft

Advanced methods and materials for construction, painting, lighting and sound.

3363

Phonetics, Voice and Diction

Study and use of the international phonetic alphabet, study and application of methods of improving voice production, and concentration upon articulation and pronunciation. Methods of working with pre-adolescents are included. (Offered also as Bilingual Education 3363, Speech 3363 and Mass Media 3363.)

3373

Stage Makeup

The development of application skills, use of materials and character appearance analysis as related to makeup for the stage.

3414

Directing

A study of the techniques of the director: visual, aural, analytical.

4303

Theatre in the Public Schools

Preparation for teaching theatre in the public schools, including pre-school ages.

4313

Scene Design

Techniques of reading and executing floor plans, elevations, working drawings, perspectives, and models.

4323

History of the American Theatre

Plays and their production from the Colonial period to 1940; techniques of outstanding actors and playwrights.

4333

Stage Lighting Design

The basics of lighting techniques, materials, and color theory.

4181, 4281, 4381

Special Topics

Directed study of a minimum of 30 clock hours for each hour of credit. Topics and projects are selected on the basis of student interest and need. Prerequisite: Permission of the instructor and the Dean of the College.

4292, 4293

Senior Seminar

A practicum designed to utilize the skills acquired in previous theatre courses. The work ordinarily emphasizes the student's major interest and tests his ability to employ his theatre skills in a variety of historical and contemporary plays. Prerequisite: See Note 3 under **Degree Requirements**.

MASS MEDIA

The Mass Media Communications major is designed to develop capable, flexible, responsible communicators able to perform effectively in a variety of media and communications-oriented career areas. Students may select one of three concentrations: Print Media, Electronic Media, or Corporate/Technical Communications.

Students may major in any Mass Media concentration by taking Mass Media 1313 (or 2323 for Electronic Media), 2313, 3323, 4373, 4374, and 4292, 4293; and nine additional hours for the concentration chosen, for a total of 28 hours, as follows: Print Media, 2353, 3313, and 4313; Electronic Media, 2353, 3363, and 4313 or 4381; and Corporate/Technical Communications, 3343, 4363, and 3373 or 4381.

Students are encouraged to select electives and/or a second major from the following: Speech, Theatre, English, History, Political Science, Management, or another career-related subject area.

1313

Introduction to Mass Media

A study of the history, organization, operation, and impact of mass media. The course is designed to acquaint the student with the role of mass media in society. Special emphasis is placed on print and electronic journalism and the areas of ethics in and regulation of mass media.

2313

News Reporting and Editing

Fundamentals of news gathering, reporting, and editing for all media.

Special attention is paid to sources for stories, documentation and the differences between a basic news story, an editorial, and a feature story. Editing, copyreading, rewrites, headlines, newspaper layout, and proofreading are also studied. Terminology of both reporting and editing is covered.

2323

Introduction to Broadcasting and Programming

The course acquaints the students with the historical background on technology, operation, regulation, and programming in the broadcasting field, including current developments and future prospects. Social and cultural impacts on society are examined.

2353

Photojournalism

A course emphasizing the analysis of photography, film and videotape/TV as mediums of visual communication capturing or rendering "reality." Development and composition of concepts, ideas, news stories pictorially and visually will be analyzed. Individual projects will be assigned in order for students to gain an understanding of the uses of both black and white and color photography. Emphasis will be placed on the quality and content needed to achieve specific goals in different mediums serving various product, service, professional, and technical career areas.

3313

Advanced News Reporting and Editing

Projects by individual students will develop their professional skills in both writing and editing of news stories, editorials, and multilevel feature story development. Editing and rewrite of news wire copy and scripting for radio and TV are included as well as development of spot and public service announcements. Emphasis is given to development of speed and accuracy in copy writing and editing and to acquiring individual style.

3323

Advertising and Promotional Public Relations

The study of advertising strategy and image making, including how audience buying habits are identified, and how the audience response is influenced by type, location, color and content of an ad. Specialized brochures, PR promotion packages and news releases, copy writing, preparation of mechanicals, layout, and print/film production are also studied.

3343

Technical Writing

A course in utilitarian writing, technical editing, and preparation of bibliographies, illustrations, and manuscripts for publication. Emphasis will be placed on analysis of various kinds of written materials (summaries, process description, memoranda, abstracts, proposals, short and long reports, letters); a special project in the student's respective major field may be planned for the final weeks of the course. Recommended for business, education, science, nursing, pre-law, pre-med, communications and all career-oriented students. (Offered also as English 3343.)

3353

Creative Writing

A course designed for students interested in an intensive study of the materials and forms of fiction, drama, poetry, and the essay. The student analyzes, compares, and imitates reputable literary works, after which he creates his own. (Offered also as English 3353.)

3363

Phonetics, Voice and Diction

Study and use of the international phonetic alphabet, study and application of methods of improving voice production, and concentration upon articulation and pronunciation. Methods of working with pre-adolescents are included. (Offered also as Bilingual Education 3363, Theatre Arts 3363, and Speech 3363.)

3373

Conference Methods

The study and application of group problem-solving techniques. Particular emphasis is placed on reflective thinking, nominal grouping, and the Delphi method as approaches to decision making. (Offered also as Speech 3373.)

4313

Media Management

A study of the operation of a newspaper, magazine, and radio or television station including a detailed look at each department and its role in the organization. The social responsibility of the media and those associated with it is also studied.

4363

Communications and Public Relations

This course develops skills and techniques in communicating facts and ideas and shows the relationship of creative and logical thinking to the solution of business problems. It includes an application of some skills and techniques in communicating facts and ideas to the various publics. (Offered also as Management 4363.)

4373, 4374

Internship in Mass Media

Directed work experience at newspapers, radio and television stations, advertising agencies, public relations firms, and production houses. Students are encouraged to intern in more than one area each quarter.

4181, 4281, 4381

Special Topics

Directed study in a specialized area of mass media. A minimum of 30 clock hours of independent study or project development is required for each hour of credit. Topics and projects are selected on the basis of student career interest and need. Prerequisite: Permission of the instructor and the Dean of the College.

4292, 4293

Senior Seminar

Intensive research in a specialized area of mass media including, where possible, field experience in that area.

Prerequisite: See Note 3 under **Degree Requirements**.

DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

History

History majors are encouraged to make a diversified selection of courses in their field, with at least two major areas such as United States history and European history represented.

The requirements for a history major are: (a) a minimum of twenty-five semester hours in history, including the survey courses in Western Civilization and United States History; (b) Senior Seminars. The survey courses in Western Civilization or United States History are prerequisites to all advanced work in history.

History majors who plan to teach must take Western Civilization (1313, 1323), The United States (2313, 2323), History of Texas (3333), three advanced hours of United States history, three advanced hours of European or English history, and Senior Seminars (4292, 4293) for a total of twenty-five semester hours.

Students who plan to teach Social Studies may follow a program including courses from history, economics, political science, and sociology. This program requires twenty-five hours in history, including Western Civilization (1313, 1323), The United States (2313, 2323), Texas History (3333), six hours in advanced history, and Senior Seminars (4292, 4293); nine hours in economics, including Principles of Economics (2303, 2304) and Economic Geography and Development (3308); and fifteen hours from political science and sociology, these hours to be divided so that nine are in one field and six in the other in one of the following combinations. If the student chooses to take nine hours in political science, he must take Introduction to Political Science (1313) and six hours of advanced political science plus six hours in sociology. If he takes nine

hours in sociology, he must take Principles of Sociology (1313) and six hours of advanced sociology plus six hours in political science.

1313, 1323

Western Civilization

A survey of man and his history, with emphasis on political, intellectual, social and cultural events as they develop in Western Europe. The first quarter covers the period to 1715. The second quarter begins with 1715 and extends to the present.

2313, 2323

The United States

A general survey of American history from its origins to the present. The first quarter covers the period to 1865, and the second quarter brings the survey from the close of the Civil War to the present. This course is required for certification to teach in the public schools of Texas.

3313

Colonial America

An advanced survey of the establishment and development of the British colonies in North America to 1763. Includes the transplanting of English institutions and their modifications in the North American setting.

3314

Revolutionary and Early National America

An advanced survey of the causes and consequences of the American Revolution and the development of the United States to 1808. Includes the evolution of the political system from Confederation to Federation and the origin of political parties.

3323

Civil War and Reconstruction

A study of the rise of sectionalism, the abolition crusade, the secession crisis, United States versus Confederate States, aftermath of the war, reconstruction, economic and social consequences of the war, and emergence of a New South.

3333

History of Texas

A survey course from the period of exploration and early colonization to the present. Includes the struggle for independence, the Civil War in Texas and growth of the state into an industrialized, urbanized society. Stresses social and political factors.

3343

Spanish Borderlands

Historical foundations of United States-Mexico biculturalism in the Spanish borderlands (Mexico, Texas, New Mexico, Arizona, California). Factors in the development of the area during the colonial era are studied as background for the contemporary bicultural Southwest. Mexican American contributions to politics and economics of the area are considered as well as the social and intellectual consequences of the biculturalism of the region.

3353, 3363

History of England

The origins and development of British political, social and cultural institutions; their overall impact on the history of Western Europe and the British dominions. The first quarter begins with pre-Roman times. The second quarter begins with 1688 and deals with the colonial expansion of Great Britain as a maritime power.

3383

History of Central Europe

An analysis of the major events that have transpired in the heart of Europe with particular emphasis on the origins and development of Germany and Austria-Hungary from the Protestant Reformation to the present.

4313

American Social and Intellectual History, Since 1865

Includes the main aspects of modern American thought (political, economic, social, religious, aesthetic, and scientific) and their influence upon national institutions.

4323

History of the American Frontier

A study of the American frontier from the Atlantic shore to the Pacific Ocean with emphasis on the significant role of the frontier in the development of American ideals and institutions.

4333

United States Foreign Policy

A survey of the foundations of foreign policy and the major diplomatic developments from the colonial period to the present. Emphasis will be placed on the means and methods by which United States foreign policy is formulated and executed. (Offered also as Political Science 4333)

4352

The French Revolution and Napoleon

A study of the origins and course of the Revolution, the nature of the Napoleonic regime, and the spread of revolutionary ideas to other countries of Europe.

4353

Europe, 1814-1870

A study of the intellectual, religious, economic, social, diplomatic, and political trends of the period, with emphasis on the revolutionary movement of 1848, the reign of Napoleon III, the unification of Germany, and the Franco-Prussian War.

4354

Europe Since 1871

A study of the political, diplomatic, and cultural history of Europe from the proclamation of the German Empire, with emphasis on the nationalistic rivalries and conflicting ideologies that led to two world wars.

4363

Twentieth Century America

A study of American political, social, and economic history from 1900 to the present.

4181, 4281, 4381

Special Topics

Directed study of a minimum of thirty clock hours for each hour of credit. Projects are selected on the basis of

student interest and need. Open to history majors only. Prerequisite: Permission of the instructor and the Dean of the College.

4292, 4293

Senior Seminar

Historiographical study and readings on topics of individual interest and the preparation of a properly researched paper. Seminar 4292 deals with United States history and 4293 with an area other than the United States. Prerequisite: See Note 3 under **Degree Requirements**.

Political Science

The Political Science major prepares students for a variety of careers in law, government service, business, and education.

Requirements for the major are: Political Science 1313, 2313, 3333, 3373, 4333, Senior Seminars 4292 and 4293, and six additional hours in Political Science, of which three must be advanced, for a total of twenty-five hours.

Students who wish teacher certification in Social Studies should see the program outline under History.

Pre-law students are encouraged to take Judicial Process 3343 and Constitutional Law 4313.

1313

Introduction to Political Science

An introduction to major concepts and institutions of governance and to techniques of political analysis. Emphasis is placed on a comparative study of governmental processes in the United States and other major political systems.

1323

American Political Thought

An analysis of the chief American political theories from the colonial period to the present.

2313

American and Texas Government

A survey of the structure and operation of the national and Texas governments.

This course is required for certification to teach in the public schools of Texas.

2333

American Politics

An analysis of the techniques and development of political parties with their relationship to pressure groups, public opinion, and the regulatory agencies of government.

3323

Urban Policy

A study of contemporary metropolitan problems and resources, with emphasis on community power structures, urban poverty, and trends in governmental organization and programs. Students select a problem area for special reading or field research.

3333

Political Analysis

Introduction to empirical methods of political science research. Emphasis on research design and quantitative analysis of data.

3343

Judicial Process

Survey of the law, courts, trial procedure, and legal rights. This course is designed for all citizens interested in learning more about our legal system, and is basic to pre-law and political science.

3353

Contemporary Political Thought

A study of the major political doctrines of the present day, with primary emphasis upon Marxism, Fascism, and the doctrines of the modern democratic state.

3363

Comparative Government

A comparative study of the political processes and institutions of different political systems, with attention given to party politics, parliamentary institutions and the executive. Consideration will be given to European governments along with significant non-European governments.

3373

Legislative Process

An analysis of organizational structure, procedures, and political behavior in state and national legislatures. Attention focuses on law-making, and methods of influencing the legislative process.

3383

The Chief Executive

A comparative study of the origin and background of the Presidency and Governorship with special attention to qualifications, nominations and elections, succession and removal, the organization of the executive branch, and the powers and functions of the President and Governor.

4313

Constitutional Law

A study of judicial review, the political role of the courts, American federalism, the jurisdiction of and limitations on the judicial branch, the power of taxation, the commerce power, the substantive and procedural rights of the individual, and the powers of the President.

4333

United States Foreign Policy

A survey of the foundations of foreign policy and the major diplomatic developments from the colonial period to the present. Emphasis will be placed on the means and methods by which United States foreign policy is formulated and executed. (Offered also as History 4333)

4353

International Relations

A survey of contemporary international political conditions. Along with the analysis of the forces and pressures behind contemporary events, the principles, origin, and development of international law and international organizations will be given consideration.

4181, 4281, 4381

Special Topics

Directed study of a minimum of thirty clock hours for each hour of credit. Topics and projects are selected on the

basis of student interest and need.
Open to political science majors only.
Prerequisite: Permission of the
instructor and the Dean of the College.

4292, 4293

Senior Seminar

Seminar 4292 will instruct students in traditional research methodology, and 4293 will require students to design a research project using empirical methods of data collection and analysis. Prerequisite: See Note 3 under **Degree Requirements**.

DEPARTMENT OF LANGUAGES

The Department of Languages comprises four areas: English language and literature; French, Spanish, and German language and literature; New Testament Greek; and Bilingual Education.

The English language and literature courses are designed to afford a mastery of the English language through practical exercise in grammar, composition, and rhetoric; to develop a knowledge and appreciation of the masterpieces of world literature; to instill an appreciation and understanding of British and American thought and literature through the application of critical and analytical techniques to the corpus of belletristic tradition; and to trace the cultural continuity of Great Britain and America through the language and literature of the two nations.

The foreign language courses are designed to afford a mastery of the French, Spanish, and German languages by developing skills in reading, writing, and conversation; to foster an understanding of another people and their cultural and literary traditions; and to instill an appreciation of the major literary works of France, Germany, and the Spanish-speaking countries.

The course offerings in Greek are designed to provide a reading knowledge of the Greek New Testament and to afford practice in the

skills essential to scholarly interpretation. They are especially appropriate for the ministerial student and others preparing for a church-related vocation.

The curriculum in Bilingual Education is designed to prepare the student to teach in the bilingual classroom at the elementary or secondary school levels. Through a well-rounded program, the student develops an awareness of the confluence of two cultures, their historical contributions, and their cultural characteristics. He acquires the theory and skill needed to teach first and second languages, and the ability to teach content material in a bilingual context. Undergraduate and graduate programs are offered in Bilingual Education.

English

Six hours of Composition and Literature (1313, 1323) and six hours of World Literature (2313, 2323) are required of all students. Students whose scores on the English section of the ACT or on the TSWE indicate a need for additional work in formal grammar will be required to take English 1303, Basic Grammar and Composition, before enrolling in English 1313. Students with no available test scores will also be enrolled in English 1303. English majors working toward teacher certification must take the required freshman and sophomore courses; English 3313; English 3333; English 4302; six hours selected from English 3373, English 4313, 4314, 4315, 4316, 4317, 4318; and English 4323, 4324, 4325, three hours of which must be in English literature; English 4303; and two Senior Seminars, for a total of thirty-four semester hours.

English majors who are not working toward teacher certification must take the twelve hours of freshman and sophomore English; English 3313; English 3333; nine hours selected from English 3373, English 4313, 4314, 4315, 4316, 4317, 4318; or English 4323, 4324, 4325, six hours of which must be in English literature; and two Senior

Seminars, for a total of thirty-one semester hours. In addition to the above courses, all English majors are strongly advised to elect at least twelve hours of a foreign language. Students contemplating graduate study in English are also advised to elect additional courses in English.

1303

Basic Grammar and Composition

A prerequisite course for enrollment in English 1313 for students whose scores on the English section of the ACT or on the TSWE indicate a deficiency in basic English skills. Students with no available test scores will also be enrolled in English 1303. English 1303 emphasizes basic grammar and composition, with emphasis on sentence structure and on organizing and developing the short essay. English 1303 does not meet the Smith College requirements for either the B.A. or the B.S. degree but does carry elective credit.

1313, 1323

Composition and Literature

A course designed for freshmen, with special emphasis on composition. 1313 is an introductory course in composition, accompanied by selected readings illustrating effective writing. 1323 continues practice in composition through analysis of major literary genres, thereby preparing the student for World Literature. Students must demonstrate effective writing ability in order to pass the course. English 1313 (or its equivalent) is a prerequisite for English 1323.

1404

English as a Foreign Language

A course designed for the student whose native language is not English. Emphasis is given to correct syntax, standard American English, and increased reading comprehension through intensive practice in writing English sentences and paragraphs, study of vocabulary, and reading of selected materials. At the end of the course, the student's readiness to proceed with English 1303 or English 1313 is determined by the Department of Languages. A grade of P means that the student must repeat English 1404.

(Prerequisite for English 1303 or English 1313 for the student with a TOEFL score of less than 550.)

2313, 2323

World Literature

A reading course in the literary heritage of western civilization. The first quarter includes writings from the Greeks, the Romans, the Middle Ages, and the Renaissance. The second quarter deals with works from the Age of Neoclassicism to the present. Prerequisites: English 1313 and English 1323.

3313

English Literature

A survey of the historical development of English literature from Beowulf to the present. The course will provide requisite information for advanced study in major periods of English literature.

3121, 3221, 3321

Special Topics In Literature

Topics to be treated are determined by interested students with the approval of the Department Chairman. Creative writing, ethnic literature, cinematic adaptations of literature, science fiction, and Christ archetypes in literature are examples of possible areas of interest.

3333

American Literature

A survey of the literature of the United States from the Colonial Period to the present. This course will provide background material essential for more advanced study of American Literature.

3343

Technical Writing

A course in utilitarian writing, technical editing, and preparation of bibliographies, illustrations, and manuscripts for publication. Emphasis will be placed on analysis of various kinds of written materials (summaries, process descriptions, memoranda, abstracts, proposals, short and long reports, letters); a special project in the student's respective major field may be planned for the final weeks of the course. Recommended for business, education, science, nursing, pre-law, pre-med, communications and all career-oriented students. (Offered also as Mass Media 3343.)

3353

Creative Writing

A course designed for students interested in an intensive study of the materials and forms of fiction, drama, poetry, and the essay. The student analyzes, compares, and imitates reputable literary works, after which he creates his own. (Offered also as Mass Media 3353.)

3373

Shakespeare

A study of selected tragedies, history plays, and comedies, with emphasis on the major tragedies. Some consideration will be given to the cultural and philosophical characteristics of the Elizabethan Age as they are reflected in the drama of Shakespeare.

4302

Advanced Grammar and Writing

The study and application of grammar, rhetoric, and style for the preparation of secondary English teachers as well as professional writers. Study will include different approaches to grammar and their applications in the composition process.

4303

Methods of Teaching English

A survey of methods and materials for teaching writing, language study, and literature in the secondary school. Prerequisite: English 4302 or permission of the instructor.

4304

Methods of Teaching English as a Second Language

Phonological, morphological, and syntactic features of English. Theories of second language teaching. Pedagogical considerations and current methodology in the teaching of listening, speaking, reading, and writing skills.

4313, 4314, 4315, 4316, 4317, 4318

Periods of English Literature

Intensive study of the major works of one of the following periods: (A) The Renaissance, (B) The Seventeenth Century, (C) The Eighteenth Century, (D) The Romantic Age, (E) The Victorian

Age, or (F) The Twentieth Century.

Courses in each period may be taught concurrently during the same quarter or may be offered in alternate quarters.

4323, 4324, 4325

Periods of American Literature

Intensive study of the major works of one of the following periods: (A) Age of Romanticism, (B) Age of Realism and Naturalism, or (C) The Twentieth Century. Courses in each period may be taught concurrently during the same quarter or may be offered in alternate quarters.

4292, 4293

Senior Seminar

Intensive analytical study of a major author, genre, or movement in English and American literature. Flexibility of seminar format allows for combinations of lecture-discussion, preparation and presentation of formal papers, and independent research projects. Students must have completed English 3313 and English 3333 before enrolling in a Senior Seminar. Prerequisite: See Note 3 under **Degree Requirements**.

French

The minimum requirement for a major in French is twenty-five semester hours, including Senior Seminars (4292, 4293). Students who expect to teach French in the secondary school should take Elementary French (1313, 1323), Intermediate French (2313, 2323), Survey of French Literature (3313, 3323), French Conversation (3383), and the Senior Seminars (4292, 4293). Courses in French literature in translation cannot be applied toward the French major.

1313, 1323

Elementary French

Listening, speaking, reading, writing are taught as related but distinct achievements. An effort is made to synthesize the ways of a people with a knowledge of and an appreciation for its great men and great moments. It leads the students away from merely decoding to using French for expression and communication.

2313, 2323

Intermediate French

Stress is given to a grammar review in which everyday situations are discussed. Selected readings are considered. During the second quarter, the student continues to read literary selections and learns to express himself with proficiency in the French language.

3313, 3323

Survey of French Literature

The first quarter deals with writers of French literature through the eighteenth century; the second quarter includes selections from Romanticism to the present.

3333, 3334

French Composition

Intensive practice in writing French sentences and paragraphs in (A) General French, or (B) Commercial French.

3343

The French Novel

Emphasis is placed on the development of the novel through the nineteenth and twentieth centuries. However, a survey of the principal novels in the seventeenth and eighteenth centuries is included in the course.

3171, 3271, 3371

Special Topics in French

Topics to be treated are determined by interested students with the approval of the Department Chairman. An introduction to the reading of French, the reading of specialized texts in French, the essentials of French grammar and pronunciation for music majors, and the history and civilization of France are examples of possible areas of interest.

3383, 3384, 3385

French Conversation

Intensive training in current idiomatic French with emphasis upon oral practice in (A) French for Travel or Residence, (B) Commercial French, or (C) French for Educators and Sociologists.

4313

French Dramatists of the Seventeenth Century

A study of the major plays of Corneille, Moliere, and Racine. Included in this course will be an introduction to the method of "explication de texte."

4353, 4363

Twentieth Century French Literature

This course will acquaint the student with the principal modern French authors. The first quarter deals with the contemporary theatre. The second quarter is a study of twentieth century prose and poetry.

4292, 4293

Senior Seminar

Selected topics dealing with French literature and culture and including a term report written in French. Prerequisite: See Note 3 under Degree Requirements.

German

1313, 1323

Elementary German

The skills of listening comprehension, speaking, reading, and writing are emphasized. During the second quarter, special emphasis is given to subjects concerning German culture.

2313, 2323

Intermediate German

Grammar review combined with readings in a cultural and literary context. A course in which the cultural impact of Germany is considered as an adjunct to the language.

3313, 3323

Introduction to German Literature

A survey course designed to illustrate the development of German literature. First quarter readings include those prior to the Classical Period; second quarter readings are selected chiefly from nineteenth and twentieth century writers.

3121, 3221, 3321

Special Topics

Directed study of a minimum of thirty clock hours for each hour of credit. Only students with exceptional ability and interest in German may take this

course. Prerequisite: Permission of the instructor and the Dean of the College.

3333

The German Novelle

A study of the German novelle in the nineteenth and twentieth centuries, including writers such as Keller, Storm, Kleist, Hebbel, and Mann.

3383

German Conversation

Intensive training in current idiomatic German, with emphasis upon oral practice.

3393

German Literature in Translation

Selected works of German literature studied in translation.

4333

Classical German Writers

A study of readings selected chiefly from Schiller and Goethe.

Greek

The course offerings in Greek are designed to provide a reading knowledge of the Greek New Testament and to afford practice in the skills essential to scholarly interpretation. They are especially appropriate for the ministerial student and others preparing for a church-related vocation.

1212-1222-1232

Elementary Greek

An intensive study of the forms, vocabulary, grammatical usage, and translation of the Greek of the New Testament.

2212, 2222, 2232

Intermediate Greek

An intensive and extensive study of the grammar of the Greek New Testament with readings from the literature of the New Testament.

3212, 3222, 3232

Advanced Greek

Translation and intensive exegesis of selected books of the Greek New Testament.

Spanish

The Spanish program offers the student practical language training. Skill in functional use of the language, required in many professions today, is stressed. In addition, the courses aim to develop appreciation of Hispanic culture and literature, through the language or in translation.

The minimum requirement for a major in Spanish is twenty-five semester hours, including Senior Seminars (4292, 4293). Students who expect to teach Spanish in the elementary or secondary school should take Elementary Spanish (1313, 1323), Intermediate Spanish (2313, 2323), Survey of Spanish Literature (3313), Survey of Spanish-American Literature (3323), the Senior Seminars (4292, 4293), and one other senior-level literature course in Spanish.

1313, 1323

Elementary Spanish

Basic fundamentals of Spanish, through development of the skills of listening comprehension, speaking, reading, and writing; insights into cultural values and patterns of behavior of the Spanish-speaking people.

2313, 2323

Intermediate Spanish

Conversation, cultural and literary readings, and grammar review.

3313

Survey of Spanish Literature

An overview of Spanish literature from the Middle Ages to the present.

3323

Survey of Spanish-American Literature

An overview of the literature of the Spanish-speaking countries of the Americas, beginning with Early Colonial Times and terminating with a study of leading Spanish-American authors of the Contemporary Period.

3386, 3387, 3388, 3389, 3390

Spanish Conversation

Intensive training in current idiomatic Spanish, with emphasis upon oral practice in (A) Medical Spanish, (B)

Advanced Medical Spanish, (C) Spanish for Travel or Residence (D) Business Spanish, or (E) Spanish for Sociologists.

3393

Spanish in the Field

An advanced Spanish conversation course, designed to give the student practical experience in speaking and understanding Spanish through contact with the Spanish-speaking community, either in a Mexican-American **barrio** in Houston or in Cuernavaca, Mexico. Supervised field experience is combined with classroom review and conversation.

4313

Literature of the Siglo de Oro

Intensive study of the masterpieces of the Golden Age. Cervantes, Lope de Vega, Calderón de la Barca, and Quevedo as principal authors.

4323

Contemporary Spanish-American Novel

A study of the selected works of the foremost contemporary Spanish-American novelists.

4333

Spanish Composition

Intensive practice in writing Spanish sentences and paragraphs. Individualized attention given to problems of (A) the native speaker, or (B) the non-native speaker of Spanish. (Also offered as Bilingual Education 4333.)

4343

Hispanic Cultural Perspectives

A study of the major cultural aspects of Spanish-speaking people, including special emphasis upon pre-adolescents in the family setting; cultural patterns and cultural change. (Offered also as Bilingual Education 4343.)

4181, 4281, 4381

Special Topics in Language and Literature

Special topics to be treated are determined by interested students with the approval of the Department Chairman. Mexican-American literature, the contemporary Latin American short

story, literature of the Mexican Revolution, and literature of post-Civil War Spain are examples of possible areas of interest.

4385

Spanish Conversation for Teachers

Intensive training in current idiomatic Spanish, with emphasis upon oral practice in Spanish for educators. (Also offered as Bilingual Education 4385.)

4292, 4293

Senior Seminar

Selected topics dealing with Hispanic literature and culture and including a term report written in Spanish.

Prerequisite: See Note 3 under **Degree Requirements**.

BILINGUAL EDUCATION

The curriculum in Bilingual Education prepares the student to teach in a bilingual setting on the elementary or secondary school levels. The student learns to teach first and second languages and to teach content material in a bilingual context.

To receive either elementary or secondary school bilingual certification, students must take the following courses: Bilingual Education 3363, 4343, 4385, 4292, 4293, and 4333 or 4381; History 3333 or 3343; and English 4302. In addition, elementary certificate seekers should take Bilingual Education 4303, and secondary certificate students should take either English 4304 or Bilingual Education 4303. It is recommended that secondary certificate seekers take English 4304.

Special Requirements: Basic language study as such is not a part of the Bilingual preparation. It is recommended that the student take Spanish 2313 and 2323 in his Freshman year as preparation for entrance into the Bilingual program. To gain admission to the Bilingual program, the student must achieve a minimum overall score at the eightieth (80th) percentile on the MLA Cooperative Language Proficiency Test (Form MB) in Spanish. In addition, each student must achieve a minimum score at the

eightieth (80th) percentile in each of the four skill areas (listening, speaking, reading, and writing), or he must take the appropriate course or courses to remove language deficiency in each area where the score is less than the minimum standard. A student who has not passed the MLA Proficiency Test may begin his bilingual courses. He is not, however, assured of acceptance in the program until he has completed this requirement. Before he can register for student teaching, the student must demonstrate language proficiency at the teaching level in content areas in both Spanish and English. The secondary certification student who chooses Bilingual Education as one of his teaching fields may **not** choose Spanish as his other teaching field. The special requirements for admission to the Bilingual program apply to all students, including special post-baccalaureate candidates.

3363

Phonetics, Voice, and Diction

Study and use of the international phonetic alphabet; study and application of methods of improving voice production; and concentration upon articulation and pronunciation. Methods of working with pre-adolescents are included. (Also listed as Speech 3363, Mass Media 3363, and Theatre Arts 3363.)

4303

Methods of Teaching Second Languages

Theory of second language learning, effective methods for teaching and testing the four skills at all levels; cross-language interference problems.

4333

Advanced Composition

Intensive practice in writing Spanish sentences and paragraphs. Individualized attention given to problems of (A) the native speaker, or

(B) the non-native speaker of Spanish. (Also offered as Spanish 4333.)

4343

Hispanic Cultural Perspectives

A study of the major cultural aspects of Spanish-speaking people, including special emphasis upon pre-adolescents in the family setting; cultural patterns and cultural change. (Also offered as Spanish 4343.)

4181, 4281, 4381

Special Topics in Language and Literature

Special topics to be treated are determined by interested students with the approval of the Department Chairman. Mexican-American literature, sociolinguistics, grammar for native speakers of Spanish, and field experience in Hispanic language and culture are examples of possible areas of interest.

4385

Spanish Conversation for Teachers

Intensive training in current idiomatic Spanish, with emphasis upon oral practice in Spanish for educators. (Also offered as Spanish 4385.)

4292

Senior Seminar

Linguistics for the bilingual classroom. Applied and contrastive linguistics with special emphasis on research on corrective techniques for cross-language interferences.

4293

Senior Seminar

Teaching in the bilingual classroom. Theory and practice in teaching content materials in Spanish. Curriculum, goals, classroom management, testing. Research project involving one aspect of the bilingual classroom.

College of Science and Health Professions

The college of Science and Health Professions includes courses in applied science, basic science, biology, chemistry, Life-earth science, mathematics, medical technology, nuclear medicine technology, nursing, para-medical sports therapy, and physics.

BASIC SCIENCE COURSES

1414-1424

An integrated science course for students having adequate mastery of quantitative skills at the freshman level. Topics from biology, chemistry, and physics using conservation laws as unifying principles. Case studies of the development of significant ideas in science as illustrations of the scientific method. Includes 35 clock hours of laboratory work each term.

2313

Earth Science I

The solid earth and the ocean are the subjects of this course. The rock forming minerals and major rock types are introduced and the processes believed responsible for the major rock types are explained. Other topics include the modification of the earth's surface, the internal structure of the earth, present day geological phenomena and their interpretation. The physics and chemistry of seawater are presented. Ocean circulations, the ocean heat budget, and chemical cycles in oceans, are discussed. Includes 30 clock hours of laboratory work. Prerequisite: Natural Science 1414-1424.

2323

Earth Science II

This course is devoted to the study of the Earth's atmosphere, of the near space environment, and of the terrestrial planets. A model for the static atmosphere is presented and the major dynamic patterns are discussed. The global heat balance, seasonal

effects, and weather modification by land and water are considered. The exosphere and near-space environment as well as solar-terrestrial relations are studied. (A) The earth is compared to the other rock planets, and present theories on the origin of the planetary system are critiqued with emphasis on our own planet. (B) 30 clock hours of laboratory work are included. Prerequisite: Earth Science I.

3303

Science for Pre-Adolescents

A course designed to provide practical experience in lesson planning, unit organization, and the use of teaching aids in the study of scientific concepts to children in pre-school and elementary school grades.

4202

Principles of Research

A survey of research procedures and objectives for students in any field, to prepare them for planning or critical evaluation of research. Topics include scientific integrity, rules of evidence, literature search, standards for referencing, and methods for the substantiation of hypotheses such as key experiments, unifying theories, and statistical inference.

4292, 4293

Applied Science Senior Seminar

Practice in applied science, with emphasis on the diversity of factors involved in practical problems. With permission of the instructor, and with presentation in advance of a suitable project plan, credit may be given for off-campus work experience obtained during the quarters the student is registered for these courses.

Prerequisite: See Note 3 under **Degree Requirements**.

4294, 4295

Life-earth Science Senior Seminar

Individual in-depth study on a topic in

earth science. A laboratory project, written report, and an oral presentation will be required. Prerequisite: See Note 3 under **Degree Requirements**.

APPLIED SCIENCE

The Applied Science program is directed towards preparing the student for employment in technically oriented business or industry. There are some similarities to an engineering program; however, because of the emphasis on fundamental science, the Applied Science graduate will be more versatile, and better able to keep up with a changing technology.

All Applied Science graduates are required to take Natural Science 1414-1424, Mathematics 1434, 2434, 3312, Physics 2313, 2323, 2232, Chemistry 2414, 2323, the Applied Science Senior Seminars and Science 4202. In addition, the courses required for the specific options are listed below:

Applied Mathematics: Mathematics 3373, 3313, 3323, 3333, 4323 plus completion of second major requirements in Accounting, Biology, Chemistry, Economics, Management, Physics, Psychology, or Sociology.

Applied Physics: Physics 3313, 3323, 3333, 4414, 4353, Mathematics 2434, 3333, 4323, plus completion of second major requirements in Biology, Chemistry, Economics, Management, or Mathematics.

Biotechnology: Biology 2353, 2444, 2343, 3353, 3253, 4323, three additional hours in Biology, Chemistry 3313, 3121, 3333, plus completion of second major requirements in Chemistry, Economics, Management, Mathematics, or Psychology.

Chemical Technology: Chemistry 3313, 3121, 3333, 3343, 4414, 4323, 4202, 4262, Mathematics 2343, 3333, Physics 3333, plus completion of second major requirements in Biology, Economics, Management, Mathematics, or Physics.

DEPARTMENT OF BIOLOGY

All biology majors are required to take Natural Science 1414-1424 and all

biology majors except those obtaining elementary teacher certification must take Chemistry 2414. A year of organic chemistry and a year of physics are highly recommended. Students desiring teacher certification to teach biology in either elementary or secondary schools must take 20 hours in biology including 2434, 2353, 4454, and Senior Seminars 4292, 4293. Four hours of credit in biology is given for completion of Natural Science 1414-1424, giving 24 hours for a major. Biology majors not obtaining teacher certification must take BASC 4202 and 24 hours in biology, including 2434, 2444, 2353, 4414, and Senior Seminars 4292, 4293.

1353

Nutrition

The principles of nutrition, the process of digestive metabolism, and adaptations of the normal diet for therapeutic purposes.

2313, 2323

Human Anatomy and Physiology

The course deals with the description of the several body systems and a study of the functions of these systems. The interrelationships of the various systems to one another will be considered. Not recommended for biology majors. Includes 30 clock hours of laboratory work. Prerequisite: Natural Science 1414-1424.

2434

Botany

This course is devoted to the study of plants and related topics. Plants are surveyed systematically from the algae through the tracheophytes, with emphasis on the progressive advances of tissue organization, physiology, and reproductive adaptations. Includes 44 clock hours of laboratory work. Prerequisite: Natural Science 1414-1424.

2444

Zoology

This is a course devoted to a systematic study of organisms from Protozoa to the human being. This course is designed to provide the student with a broader knowledge of zoology and promote better

understanding of man and his position in the world of life. Care is taken here not to overemphasize human biology to the neglect of other animal types. Includes 44 clock hours of laboratory work. Prerequisite: Natural Science 1414-1424.

2353

Cellular and Molecular Biology

A study of the biochemical, structural, and physiological characteristics of cellular activity from the cellular level and from the ultrastructure on cellular organized level. Prerequisite: Natural Science 1414-1424.

3414

Microbiology

This course is a general survey of the microorganisms and includes the history of microbiology and the morphology and physiology of the organisms most important to man. The microbiology of soil, food, water, and disease will be considered. Includes 44 clock hours of laboratory work. Prerequisite: Natural Science 1414-1424.

3324

Parasitology

This course is a study of the important parasites, with special attention to those affecting the life of man. Morphology, taxonomy, and life histories will be considered. Includes 44 clock hours of laboratory work. Prerequisite: Biology 2434 or 2444.

3343

Taxonomy of Local Flora

A classification of the plants found in the local flora with special attention to the needs of teachers and others interested in nature study. Includes 44 clock hours of laboratory work. Prerequisite: Natural Science 1414-1424.

3353-3253

General Physiology, General Physiology Laboratory

This course deals with the function of selected organ systems in vertebrates with the major emphasis on humans. Mechanisms of kidney function, circulation, respiration, nerve

transmission, muscular contraction, endocrine function, and digestion are discussed in detail. In the laboratory, the physiological aspects of vertebrates are illustrated and investigated. The laboratory part of the course (3253) includes 60 clock hours of laboratory work. Prerequisites: Biology 2434 or 2444 and 2353, Chemistry 2414; and Chemistry 3313-3333 is strongly recommended.

3464

Comparative Vertebrate Anatomy

A comparative study of the anatomy of representative vertebrates which stresses the biological principles applying to vertebrate anatomy. Includes 44 clock hours of laboratory work. Prerequisites: Biology 2434 or 2444, 2353, and Chemistry 2414.

4314

Genetics

This course deals with the physical basis of inheritance. The laws of heredity and variation will be discussed. Knowledge concerning the chemical nature and genetic code of the chromosome will be included. Includes 30 clock hours of laboratory work. Prerequisites: Biology 2434 or 2444 and 2353.

4423

Histology

A study of the fine structure of normal tissue is the principal area of consideration in this course. Tissue techniques will be included in order to afford an appreciation of the types of preparations used in the laboratory. Includes 44 hours of laboratory work. Prerequisites: Biology 2434 or 2444 and 2353.

4333

Embryology

This is a study of the early development of representative vertebrate types. Includes 44 clock hours of laboratory work. Prerequisites: Biology 2434 or 2444 and Biology 2353.

4434

Plant Physiology

This course is designed to study the physiology of the growing plant. Topics

considered include photosynthesis, translocation, growth, development, respiration, and environmental physiology. Includes 44 clock hours of laboratory work. Prerequisites: Biology 2434 and 2353.

4454 Ecology

A study of plants and animals in relation to their environment. Field studies constitute a large part of the laboratory work. Includes 60 clock hours of laboratory work. Prerequisites: Biology 2434, 2444, and 2353.

4181, 4281, 4381 Special Topics

Directed study of a minimum of thirty clock hours for each hour of credit. Projects are selected on the basis of student interest and need.

4292, 4293 Senior Seminar

A discussion of the broad principles of biology, reports from available literature on topics of student interest, and limited research projects designed to orient the student in scientific research methods. Prerequisite: Science 4202 and see Note 3 under Degree Requirements.

DEPARTMENT OF CHEMISTRY

All Chemistry majors are required to take Natural Science 1414-1424, and except for students obtaining teacher certification, BASC 4202. Students seeking a secondary school teaching certificate must take Chemistry 2414, 2323, 3313-3333, 3121, 4262, 4414, (including prerequisites of Physics 2313, 2323, 2232, Mathematics 2434) and Senior Seminars 4292, 4293. Students seeking admission to medical or dental schools must also take Chemistry 3343 and 4373. Students preparing for graduate study in chemistry or employment as a chemist are also advised to take Chemistry 4202, 4323, 4333, and 4353.

2414 Chemical Principles

This is a study of the basic principles of chemistry, and the most important elements and compounds. The

laboratory is devoted to qualitative analysis. Includes 44 clock hours of laboratory work. Prerequisite: Natural Science 1414-1424.

2323 Quantitative Analysis

This is a study of the basic principles of analytical chemistry, including stoichiometry, homogeneous and heterogeneous equilibria. Laboratory work includes both volumetric and gravimetric analysis. Includes 44 clock hours of laboratory work. Prerequisite: Chemistry 2414.

3313-3333 Organic Chemistry

This course is a study of the fundamental theories and principles of organic chemistry. Prerequisite: Chemistry 2414.

3121 Organic Chemistry Laboratory

Includes 44 clock hours of laboratory work. Prerequisite: Chemistry 3313.

3321 Organic Chemistry Laboratory

Includes 88 clock hours of laboratory work. This course is offered primarily for transient students needing an 8 hour organic chemistry sequence. It may be substituted for 3121 requirement.

3343 Modern Analytical Techniques

This is an introduction to the basic concepts of applied analytical chemistry. It includes an introduction to instrumentation as applied to routine chemical analysis. Includes 60 clock hours of laboratory work. Prerequisite: Chemistry 2323.

4202 Physical Chemistry Laboratory

Experiments in thermochemistry, chemical equilibria, phase equilibria, chemical kinetics, electrochemistry, and molecular structure. Includes 88 clock hours of laboratory work. Prerequisite: Chemistry 4414.

4414**Physical Chemistry**

A study of the laws and theories of chemistry with the aid of calculus. Special emphasis is given to an introduction to thermodynamics, chemical kinetics, and electrochemical phenomena. Prerequisites: Physics 2313, 2323, 2232, Mathematics 2434. (Offered also as Physics 4414)

4323**Physical Chemistry**

Thermodynamics of solutions and phase equilibria, the kinetic molecular theory of gases, molecular motions and energies, distribution functions, and theoretical aspects of chemical kinetics. Prerequisite: Chemistry 4414.

4333**Instrumental Methods of Analysis**

A study of absorption spectroscopy (UV, visible, and IR), potentiometry, polarography, conductimetry, chromatography, and other modern methods of analysis. Includes 44 clock hours of laboratory work. Prerequisites: Chemistry 2323, 3343, Physics 2313, 2323, 2232, Chemistry 4414 or concurrent registration in this course.

4353**Structure of Matter**

An introduction to quantum mechanics, atomic and molecular structure, theories of liquids and solids, statistical thermodynamics, and advanced topics in inorganic chemistry. Three lecture and three laboratory hours per week. Prerequisite: Chemistry 4414. (Offered also as Physics 4353)

4262**Organic Analysis**

Qualitative analysis of organic compounds using both the classical method and the modern instrumental methods. Includes 88 clock hours of laboratory work. Prerequisite: Chemistry 3333.

4373**Biochemistry**

This course is a study of the basic principles of biochemistry, with

emphasis placed on the physical and chemical properties of carbohydrates, lipids, and proteins, the three major components of the living organism. Prerequisites: Chemistry 3333 and 4262.

4181, 4281, 4381**Special Topics**

Directed study of a minimum of thirty clock hours for each hour of credit. Projects are selected on the basis of student interest and need.

4292, 4293**Senior Seminar**

Individual work on a special topic in chemistry, and a report on the results. Prerequisites: BASC 4202, preparation in the field of the special topic as required by the instructor, and the general requirements of 80 hrs overall and 15 hrs in chemistry with a 2.00 GPA.

DEPARTMENT OF MATHEMATICS AND PHYSICS

Mathematics

The curriculum in mathematics is designed to provide for the student an important part of a broad liberal education as well as to equip him with the basic essentials for a continuing career in mathematics. All mathematics majors except those obtaining teacher certification must take BASC 4202. The student who wishes to prepare for service as a mathematician in industry or in government or to prepare for graduate study in mathematics is advised to take Mathematics 2434, 2343, 3313, 3323, 3333, 3353, 4313 and the Senior Seminars 4292, 4293. A student taking a mathematics major with a major in chemistry or physics must take Mathematics 2434, 2343, 3312, 3313, 3333, 4323, three additional advanced hours, and the Senior Seminars 4292, 4293. A student preparing for a certificate to teach mathematics in the secondary school must take Mathematics 1434, 2434, 2343, 3353, six additional advanced hours, and the Senior Seminars 4292, 4293. A student preparing for a certificate to teach in the elementary school and electing a

major in mathematics must take Mathematics 1313, 1434, 2434, nine additional advanced hours in mathematics, and the Senior Seminars 4292, 4293.

1303

Basic Mathematics

The quantitative tools required in a modern society. Computational algorithms, mensuration, graphical representation of information, useful approximation techniques. This course is offered to aid students with deficiencies in basic mathematical skills. Students already having credit in a higher level mathematics course will not be given credit in this course.

1313

College Algebra

Manipulations of literal numbers and functions, solution of algebraic equations, and applications. Elements of real and complex numbers, logarithms and exponents.

1323

Trigonometry

A study of trigonometric functions, exponentials, logarithms, and applications for students needing a more comprehensive background than the accelerated coverage given in Math 1434. Prerequisite: Mathematics 1313.

1434

Fundamentals of College Mathematics

The basic pre-calculus course. Sets, relations, functions, roots of polynomial equations, trigonometry, and analytic geometry. May not be counted as part of the mathematics major except by students seeking teacher certification. Prerequisite: Mathematics 1313.

2434

Calculus I

Limits, continuity, differentiation and integration of elementary and transcendental functions. Applications, including rates of change, minimax problems, and areas under curves. Prerequisite: Mathematics 1434.

2343

Calculus II

Topics include: functions, limits, derivatives, the differential, integrals, arc length, Mean Value Theorem, graph sketching, vectors, improper integrals, and applications. Prerequisite: Mathematics 2434 or permission of the instructor.

3303

Mathematics for Pre-Adolescents

Included in this course are mathematics content for pre-school and elementary school grades; methods and materials for teaching mathematics to young children; and particular emphasis to the psychology of teaching mathematics and the metric system of measurement. Both on-campus and field experiences are included. The course is a prerequisite for student teaching.

3373

Computer Instruction

This course includes instruction in how a computer works, the mechanics of programming and machine use, how a computer processes, stores, and manipulates data, and how it retrieves data. (Offered also as Education 3303)

3312

Basic and Applied Statistics

Topics include: frequency distributions, measures of central tendency and dispersion, probability concepts, discrete and continuous distributions, and sampling distributions, point and interval estimation, hypothesis testing, and an introduction to linear regression and Bayesian inference. This course is oriented towards Business and Economics. Prerequisite: Mathematics 1313 and satisfactory completion of the mathematical skills pre-test administered the first day of class.

3313

Intermediate Calculus

A continuation of Mathematics 2343 including topics in: space geometry, vectors, infinite sequences and series, test for convergence, Taylor's Series, partial derivatives, multiple integrals, line integrals, the total differential, and

applications. Prerequisite: Mathematics 2343.

3323

Linear Algebra

This course is designed for both mathematics and science majors. Topics include: fields and number systems, matrices, determinants, abstract vector spaces, linear dependence, bases, characteristic equations and characteristic values, linear transformations, the Gram-Schmidt Process, and the Cayley-Hamilton Theorem. Prerequisite: Mathematics 2434.

3333

Ordinary Differential Equations

A first course. Topics include: linear equations of first and second order; equations of second order with regular singular points, the Bessel equation; initial value problems, existence and uniqueness of solutions, solution by successive approximations. Prerequisite: Mathematics 3313.

3353, 3363

Modern Abstract Algebra

A first course in abstract algebra. Topics include: sets, operations, relations, groups, rings, integral domains, residue classes, fields, number systems, and classical algebra. Topics in the second semester include: vectors, abstract vector spaces, matrices and transformations, quadratic forms, canonical forms, structure of groups, quotient structure. Prerequisite: Mathematics 3323.

4313

Advanced Calculus

This course is an introduction to mathematical analysis. Topics include: the real numbers, functions and limits, continuity and differentiability, the Riemann integral, vector functions, partial derivatives, directional derivatives, line and surface integrals, theory of convergence. Prerequisite: Mathematics 3313.

4323

Vector Analysis

A study of the vector calculus, with emphasis on the application of Stoke's theorem and the Divergence Theorem to physical problems, Vector differential operators in curvilinear coordinates. Three hours lecture per week. Prerequisites: Mathematics 3323, 3333.

4333

Introduction to Complex Variables

A first course in the study of analytic functions. Topics include: complex numbers, complex functions, derivatives, differentials, integrals, analytic functions, power series expansions, Laurent series expansions; poles and zeros, conformal mapping. Prerequisite: Mathematics 4313

4181, 4281, 4381

Special Topics

Directed study of a minimum of thirty clock hours for each hour of credit. Projects are selected on the basis of student interest and need. Open to mathematics majors only.

4292, 4293

Senior Seminar

This seminar emphasizes individual study of assigned topics. Both written and oral reports are required. Frequent evaluations of the individual student will guide the course of instruction toward the preparation of the student for teaching, industry, or further study. Prerequisite: Basic Science 4202 and see Note 3 under **Degree Requirements**.

Physics

All majors must take Science 4202, Physics 2313, 2323, 2233, 3313, 3323 and 4414. Students looking toward graduate work or employment as physicists are advised to also take Physics 2242, 2252, 3323 and 4353.

2313, 2323, 2233

Modern Physics

The relation of modern developments in atomic and nuclear physics to the classical fields of mechanics, optics, heat, fluids, sound, electricity, and magnetism. Emphasis is on the

application of fundamental ideas to the solution of a variety of problems, Physics 2313 and 2323 each includes 35 clock hours of laboratory work. Prerequisites: Natural Science 1414-1424, and Mathematics 2434 or concurrent registration.

2242, 2252

Instrumentation in Physical Science

Principles of electronics and optics applied to modern laboratory measurements. Includes 44 clock hours of laboratory work each term. Prerequisites: Physics 2313, 2323, 2233 or concurrent registration.

3313

Mechanics

Vector description of the motion of particles, conservative and non-conservative systems, gravitation, and moving coordinate systems. Prerequisites: Physics 2313, credit or concurrent registration in Mathematics 3333.

3323

Electricity and Magnetism

Electrostatic and magnetostatic fields, induction, Maxwell's equations, electromagnetic waves, electromagnetic field energy and momentum. Three lecture and three laboratory hours per week. Prerequisite: Physics 2323.

3333

Fluid Flow

Compressible and Incompressible fluid dynamics in one dimension. Continuity, Bernoulli relations, supersonic expansions, and Rankin-Hugoniot relations will be covered with emphasis on applications. Prerequisite: Physics 3313.

4414

Physical Chemistry

A study of the laws and theories of chemistry with the aid of calculus. Special emphasis is given to an introduction to thermodynamics, chemical kinetics, and electrochemical phenomena. Prerequisites: Physics 2313, 2323, 2233, Mathematics 2434. (Offered also as Chemistry 4414)

4353

Structure of Matter

An introduction to quantum mechanics, atomic and molecular structure, theories of liquids and solids, statistical thermodynamics, and advanced topics in inorganic chemistry. Three lecture and three laboratory hours per week. Prerequisite: Chemistry 4414. (Offered also as Chemistry 4353)

4181, 4281, 4381

Special Topics

Directed study of a minimum of thirty clock hours for each hour of credit. Projects are selected on the basis of student interest and need.

4292, 4293

Senior Seminar

Individual work on a current topic in physics. A laboratory research problem is usually included, with a report required. Students are encouraged to develop their own projects in a field of interest to them. Prerequisite: Basic Science 4202 and see note 3 under Degree Requirements.

Pre-Med Program

The Pre-Med program is designed to prepare students for entry into medical and dental schools. HBU students have enjoyed a high rate of acceptance into medical and dental schools since the founding of the school, and have received many honors for their academic and clinical achievements.

The *minimum* requirement for an HBU pre-med student is

Natural Science	1414, 2424
Chemistry	2414, 3313, 3333, 3121, and 4262
Mathematics	2434
Biology	12 hours
Physics	2313, 2323, 2232

The above requirements constitute the minimum, and students should be aware that a minimum program leads to poor chances of acceptance. Students should also be aware that the above courses are the standard courses in their departments, and, in particular, special "pre-med" courses in chemistry, mathematics, or physics will not be accepted in lieu of the above requirements.

Program in Nutrition and Dietetics

Students who plan to enter the field of nutrition and dietetics are eligible to seek admissions to the University of Texas School of Allied

Health Sciences program in Nutrition and Dietetics upon completion of 65 semester hours including the following prescribed courses.

English (ENGL 1313, 1323, 2313)	9
American History 2313, 2323	6
Government 1313, 2313.	6
Natural Science 1414, 1424	8
General Chemistry 2414	4
Organic Chemistry 3313-3333, 3121	7
Microbiology 3414	4
Anatomy & Physiology 2313, 2323	6
Psychology 1313	3
Sociology 1313	3
Economics 1301	3
Educational Theory 3353	3
Algebra 1313	3

65 hrs.

The following courses are recommended:

Physics 2313, 2323, 2232

Math 2434 (Calculus)

Pre-Optometry

Students who plan to enter the field of optometry are eligible to seek admissions to the University of Houston College of Optometry upon completion of 92 semester hours including the following prescribed courses:

General Requirements

1. Nine semester hours in core distributive electives in one or a combination of the following subjects: Anthropology, Art, Drama, Economics, English, History, Languages, Music, Philosophy, Political Science, Psychology, Sociology and Speech.
2. Two semester hours of PHED 2111.

Specific Course Requirements

Natural Science 1414, 1424	8
Chemistry 2414, 3313-3333, 3121 (Chemical Principles, Organic Chemistry and Organic Chemistry Lab)	11
Math 1313, 3312, 1424 and 2434 (Algebra, Statistics, Fundamentals of College Math and Introduction to Calculus)	14
Physics 2313, 2323, 2232	8
Biology 2444, 2353 and 3414 (Zoology, Cellular and Molecular Biology and Microbiology)	11
Political Science 1313, 2313	6
History 2313, 2323	6
English 1313, 1323, 2313, 2323	12
Physics 2252 (Optics)	2

92 hrs.

Required for the second year but not in the professional curriculum
 Chemistry 4373, 4181 (Biochemistry and Biochemistry Lab) 4

Recommended but not required
 Psychology 1313. 3
 Biology 3464 (Comparative Anatomy) 4

Pre-Pharmacy

Students, who plan to enter the field of pharmacy, are eligible to seek admission to the School of Pharmacy at the University of Houston upon completion of a minimum of 79 semester hours including certain prescribed courses:

General Requirements

1. Three semester hours in core distributive electives in one or a combination of the following subjects: Anthropology, Art, Drama, Economics, English, History, Languages, Music, Philosophy, Political Science, Sociology, and Speech.
2. Two semester hours of PHED 2111.

English (ENGL 1313, 1323, 2313, 2323) 12
 Natural Science 1414, 1424 8
 Chemistry 2414 (Chemical Principles), 3313, 3333 and 3121
 (Organic Chemistry and Organic Chemistry Laboratory
 and 4262 (Organic Analysis) 13
 Physics 2313, 2323, 2332 8
 Math 1313, 1424 (College Algebra, Fundamentals of College Math) 7
 Biology 2444, 2353 and 3414 (Zoology, Cellular and Molecular
 Biology and Microbiology) 11
 History 2313, 2323 6
 Economics 1301 3
 Political Science 1313, 2313 6

79 hrs.

Pre-Physical Therapy

Students who plan to enter the field of physical therapy are eligible to seek admission to the School of Allied Health Sciences at the University of Texas School of Allied Health Sciences

at the University of Texas Medical Branch at Galveston or Dallas upon completion of a minimum of 91 semester hours including certain prescribed courses:

English (ENGL 1313, 1323) 6
 Natural Science 1414, 1424 8
 Mathematics 1313, 3312, 1434
 (College Algebra, Intro. to Probability and Statistics,
 Applied Statistics and Fundamentals of College Math) 10
 Chemistry 2414 (Chemical Principles), 3313-3333
 (Organic Chemistry) 10
 Speech 3313 (Public Speaking) 3
 Sociology 1313 (General) 3
 Psychology 1313 (General), 2363 (Human Growth and
 Development and 3313 (Personality, Normal & Abnormal) 9
 History 2313, 2323 (American) 6
 Political Science 2313 (Plus either 1323, 2333, or 3323
 depending upon what U.T. will accept) 6
 Physics 2313, 2323, 2332 8
 Biology 2353 (Cell & Molecular), 2444 (Zoology) 7
 Biology 3353, 3253 (General Physiology and Physiology Lab) 5

Biology 3464 (Comparative Anatomy)	4
PHED 3394 (Kinesology)	3
PHED 3393 (Physiology of Exercise)	3

91 hrs.

Pre Veterinary Medicine

Students who plan to enter the field of veterinary medicine are eligible to seek admissions to the Texas A&M

College of Veterinary Medicine upon the completion of 72 semester hours including the following prescribed courses.

English (ENGL 1313, 1323, and 2313 or 2323)	9
History 2313, 2323	6
Political Science 2313, 2333	6
Natural Science 1414, 1424	8
Math 1434, 2434 (Fundamentals of College Math and Calculus)	8
Physics 2313, 2323, 2332	8
Chemistry 2414 (Chemical Principles)	4
Chemistry 3313-3333, 3121 (Organic Chemistry)	7
Chemistry 4262 (Organic Analysis)	2
Chemistry 2323 (Quantitative Analysis)	3
Biology 2444 (Zoology)	4
Biology 2434 (Botany)	4
Biology 4414 (Genetics)	4

73 hrs.

These above courses would meet all of the Texas A&M requirements except for a course in animal science.

Pre-Physician's Assistant

Students who would like to become a physician's assistant are eligible to seek admission to the Baylor College of Medicine Physician's Assistant Program upon completion of 60 semester hours including certain prescribed courses:

Natural Science 1414, 1424	8
English (ENGL 1313, 1323)	6
Mathematics 1313, 1323 (College Algebra, Trigonometry)	6
Chemistry 2414, 3313, 3333, 3121 (Chemical Principles, Organic Chemistry, Organic Chemistry Lab)	11
Biology 2353, 2313, 2323, 3414 (Cellular and Molecular Biology, Anatomy and Physiology, Microbiology)	13
Humanities (Courses such as Sociology, Psychology, History, Political Science, Foreign Language, Christianity)	6
Additional transferrable college hours in the Humanities and/or Natural Sciences (exclusive of Physical Education)	10

60 hrs.

DEPARTMENT OF NURSING

Accredited by the National League for Nursing

Approved by the Texas State Board of Nurse Examiners

Philosophy and Objectives

Houston Baptist University offers to students of all persuasions an educational program based on Christian principles. The department of nursing has the responsibility to foster professional excellence by providing an intellectual climate which promotes continuing growth and development in nursing.

The nursing program is designed to prepare graduates at a high level of competency for beginning positions in a variety of settings. It is believed that the curriculum for this program should evolve from five major concepts: man, society, health, nursing and teaching-learning. The faculty subscribes to the following beliefs about these concepts.

Man is perceived as a holistic being who possesses intrinsic worth and value. Man is a unique, integrated, open system with changing biological, psychological, sociocultural and spiritual needs. As a system man is viewed as a dynamic being who evolves through a series of stages of growth and development. As man moves through these stages he is capable of interacting with his environment. Man has both rights and responsibilities and the ability to participate in decisions affecting his health care. He deserves access to a health care system which facilitates attaining his optimum level of wellness.

Society is believed to form the framework within which individuals, families, and communities live and function. It is viewed as pluralistic in that it contains groups of people distinctive in environmental settings, ethnic origins, cultural patterns, religious and social classes. Man is born into and spends his life as a member of this changing and technological society. What society thinks influences both the kinds of health problems which arise and the selection of actions taken to alleviate these problems.

Health is believed to be a relative, dynamic state which is complex and subjective. Health includes biological, psychological, sociocultural, spiritual and developmental components. Health is perceived to be man's continuous adaptation to stress though out his life. This adaptation may result in varying degrees of wellness and illness.

Delivery of health care involves a wide range of professions and disciplines of which nursing is a part. It is either the maintenance of health, or the lack of health that brings nursing and man together in a variety of settings.

Nursing is believed to be both an art and a science. As an art, nursing utilizes human creativity to perform skills acquired by experience, study, and observation. As a science, nursing supports its interventions with a body of knowledge derived from nursing theories as well as the physical and behavioral sciences. Nursing is believed to be a deliberative, interactive process devoted to helping individuals, families, and groups attain and maintain equilibrium by utilizing internal and external resources to meet their respective health needs. Nurses assume a variety of interdependent and independent roles and collaborate with a wide range of professions and disciplines. The nurse utilizes nursing research and the legislative process to promote improvement in care of clients. The process of nursing practice involves the identification of client's needs through assessment establishment of client goals with the client and family, implementation of care to meet the goals, and evaluation to determine if the goals were met.

The teaching-learning process proceeds best in an atmosphere which is conducive to development of self-direction in learning. Learning is the achievement of changes in the

psychomotor, cognitive, and affective behavior of the individual. It is an active on-going process. The learner is primarily responsible for his own learning. The learner participates in formulating objectives, selecting learning opportunities, and evaluating learning outcomes. The teacher responds to individual differences of learners, provides guidance through evaluation, and encourages introspective assessment. In so doing, the teacher fulfills a variety of roles within the teaching-learning process: initiator, role-model, facilitator, and validator.

The faculty believes that the nursing curriculum should facilitate independence in learning. The educational experience is the foundation for continuing personal and professional development and advanced study.

The graduate of this program is prepared to function as an accountable, responsible, beginning practitioner in today's health care system and has the potential to function in the emerging role of the nurse. The graduate of this baccalaureate program is expected to:

1. Utilize knowledge from nursing theories and physical and behavioral sciences as a basis for the nursing process.
2. Utilize the nursing process by means of assessment, goal setting, implementation, and evaluation.
3. Institute nursing measures which emphasize promotion of health.
4. Assist individuals, families and groups attain and maintain equilibrium during varying degrees of wellness and illness.
5. Assume individual responsibility and accountability for nursing practice.
6. Assume increasing responsibility for leadership in managing nursing care.
6. Establish purposeful interactional relationships with members of other professions and disciplines.
8. Modify nursing behaviors consistent with the changing needs of man and society.
9. Evaluate and improve professional nursing standards and practice by actively participating in programs, research, and legislation related to health care.
10. Pursue opportunities for continuing education.

Bachelor of Science Degree in Nursing

CURRICULUM PLAN

<i>First Year</i>	<i>Semester Hours</i>	
Christianity 1313, 1323 — Old & New Testaments	6	
* English 1313, 1323 — Composition and Literature	6	
* Natural Science 1414, 1424	8	
History 2313, 2323 — The United States or	6	
Economics 1301 — The American Economic System		
& Political Science 2313 —		
American and Texas Government		
* Sociology 1313 — Principles	3	
* Psychology 1313 — General	3	32
<i>Second Year</i>		
* Interdisciplinary Course 2301, 2302, 2303, 2304 or 2311, 2312, 2313, 2314	6	
* English 2313, 2323 — World Literature	6	
Physical Education 2111	2	
* Biology 2313, 2323 — Human Anatomy & Physiology	6	
* Biology 3414 — Microbiology	4*	
Christianity 3323 — Christian Doctrine	3	
* Psychology 3313 — Human Growth & Development	3	
Elective	3	33
<i>Summer Quarter</i>		
Nursing 3101 — Introduction to Nursing	1	
Nursing 3616 — Fundamentals of Nursing	6	7
<i>Third Year</i>		
Nursing 3626, 3636, 3646 — Nursing Care of the Adult	18	
Nursing 3604 — Mental Health/Behavioral Disorders	6	
Elective	3	27
<i>Fourth Year</i>		
Nursing 4601, 4602 — Parental-Child Care	12	
Principles of Research 4202	2	
Nursing 4545 — Nursing Management	5	
Nursing 4272 — Trends in Health Care	2	
Nursing 4292, 4293 — Senior Seminars	4	
Electives	6	31
* Prerequisite for Nursing 3616		130

* A transfer student who enters the program with only 3 semester hours of credit in Microbiology will be evaluated on an individual basis but must have 130 semester hours credit as a minimal requirement for graduation.

Professional Courses

3101

Introduction to Nursing

An orientation to the role and commitment of a nurse as a functioning member of the health care team. To be taken concurrent with or immediately preceding Nursing 3616. One semester hour.

3616

Fundamentals of Nursing

An introductory course in basic principles and concepts designed to serve as a foundation for nursing care of patients. Six semester hours.

3626, 3636, 3646,**Nursing Care of the Adult**

Within the framework of the nursing process, the student participates in care of adults during illness in relation to their growth and development, family, cultural, socio-economic, and community status. The course is organized for a sequential learning experience. The care of families in the community is integrated throughout the courses with consideration of those elements in our society which can positively or adversely affect the wellness of man. Guided student experiences include independent study, classroom activities, home visits, and care of patients in both hospital and primary care settings. Each course is six semester hours. Prerequisites: Nursing 3101, 3616.

3656**Mental Health/Behavioral Dysfunction**

The study of behavioral dysfunction as it relates to individuals experiencing mental illness and of mental health concepts applicable to increased understanding of the self and others. Emphasis is placed on communication and interpersonal relationship skills. Individual, family, and cultural dynamics of behavior are examined, utilizing a developmental model which recognizes varying degrees of dysfunction. Learning opportunities with home visits, in mental health centers, and in other settings highlight the importance of community mental health which is stressed throughout the course. Prerequisites: Nursing 3616, 3626, 3636, 3646.

4601, 4602**Parental-Child Care**

A family-centered study of the maternal patient during prenatal, intra-partum, and postpartum period. Care of the newborn, the child and adolescent includes normal growth and development, consideration of deviations, and care during illness. It includes care of families in the community with emphasis on parents, infant and child. Twelve semester hours. Prerequisites: Nursing 3616, 3626, 3636, 3646.

4202**Principles of Research**

A survey of research procedures and objectives for students in any field, to prepare them for planning or critical evaluation of research. Topics include scientific integrity, rules of evidence, literature search, standards for referencing, and methods for the substantiation of hypotheses such as key experiments, unifying theories, and statistical inference. Two semester hours.

4545**Nursing Management**

A study of concepts, principles and skills relative to management of patient care. Clinical experiences are planned to provide an opportunity for the student to demonstrate leadership abilities in identifying and solving nursing problems. Five semester hours. Prerequisites: Nursing 3616, 3626, 3636, 3646, 3656, 4601, 4602

4272**Current Issues in Nursing**

A study of the roles and functions of nurses in today's health care system. It includes identification of philosophical values and emphasizes accountability and responsibility of the professional nurse in a changing society. Two semester hours. Prerequisites: Nursing 3616, 3626.

4181, 4281, 4381**Special Topics**

Directed study of a minimum of thirty clock hours for each hour of credit. The student will select a special problem or interest area in nursing for intensive study. Written objectives for the project are to be submitted to the instructor and department chairman for approval to register for this course. Prerequisite: Senior Nursing major.

4292, 4293**Senior Seminars**

A guided opportunity for the student to synthesize previously acquired knowledges and skills, exercise initiative, do creative planning and independent study in a selected area of interest. Four semester hours. Prerequisites: 96 semester hours with a minimum of 30 hours in nursing.

Medical Technology

In response to the growing need for more well trained personnel to serve in the allied medical professions the Academic Affairs Committee of the Faculty recommended and the Board of Trustees approved, on September 25, 1970, the degree Bachelor of Science in Medical Technology.

The requirements for admission to this program are the same as for candidates for other degrees. The program to be followed is determined in part by the Registry of Medical Technologists of the American Society of Clinical Pathologists, and meets the standards for certification established by that body. It also includes additional elements essential to meet the standards required for the granting of a degree by Houston Baptist University.

The program for the first three years, listed in detail below, must be completed with a minimum cumulative scholastic standing of 2.00 or above.

To become eligible for the Bachelor of Science Degree in Medical Technology at Houston Baptist University a student must:

1. Gain admission to and satisfactorily complete the prescribed campus

program (100 semester hours) with a minimum of 32 semester hours in residence. No credit by correspondence or extension may be used and no course with a grade below "C" will be accepted in transfer. Convocation, chapel, and assembly attendance requirements must be met.

2. Gain admission to and satisfactorily complete the clinical instruction program at an approved School of Medical Technology.
3. Make official application for the degree, Bachelor of Science in Medical Technology with the Registrar at Houston Baptist University and pay the appropriate graduation fee. This should be done prior to or early in the fourth year of study.
4. Arrange to attend and participate in the baccalaureate and commencement exercises next following the satisfactory completion of the clinical instruction program. Commencement invitations and academic apparel are provided through the Houston Baptist University.

MEDICAL TECHNOLOGY

<i>First Year</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	
Language and Literature (Eng. 1313, 1323)	3	3		
Christianity (Old Testament 1313, New Testament 1323)	3		3	
Natural Science 1414, 1424	4	4		
Mathematics 1313, 3312	3	3		
Chemical Principles (Chem. 2414)			4	
Principles of Sociology (Soc. 1313)		3		
General Psychology (Psy. 1313)			3	
	<hr/> 13	<hr/> 13	<hr/> 10	36

Second Year

World Literature (Eng. 2313, 2323)	3			
Culture and Human Exp. (2301, 2302, 2303, 2304)				
or Great Issues of the 20th Century (2311, 2312, 2313, 2314)		3	3	
Quantitative Analysis (Chem. 2323)	3			
Modern Analytical Techniques (Chem. 3343)		3		
Human Anatomy and Physiology (Bio. 2313-2323)		3	3	
Cellular and Molecular Biology (Bio. 2353)			3	
Microbiology (Bio. 3414)				
Physical Education (Phy. Educ. 2111)		1		
Elective	1		3	
	<hr/> 11	<hr/> 13	<hr/> 12	36

Third Year

	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	
Christian Doctrine (Chr. 3323)		3		
Histology (Bio. 4323)	3			
Organic Chemistry (Chem. 3313-3333)	3	3		
Organic Chemistry Lab (Chem. 3121)		1		
Organic Analysis (Chem. 4262)			2	
American and Tex. Gov't. (Pol. Sci. 2313) and The American Economic System (Econ. 1301) or American History (History 2313, 2323)		3	3	
Science Electives	3		2	
Electives			3	
	<hr/> 9	<hr/> 10	<hr/> 11	30
				<hr/> 102

Nuclear Medicine Technology

The requirements for admission to this program are the same as for candidates for other degrees. The program to be followed is determined in part by the Council on Medical Education of the American Medical Association and meets the standards for certification. It also includes additional elements essential to meet the standards required for the granting of a degree by Houston Baptist University.

The program for the first three years, listed in detail below, must be completed with a minimum cumulative scholastic standing of 2.00 or above.

To become eligible for the Bachelor of Science Degree in Nuclear Medicine Technology at Houston Baptist

University a student must:

1. Gain admission to and satisfactorily complete the prescribed campus program (105 semester hours) with a minimum of 32 semester hours in residence. No credit by correspondence or extension may be used and no course with a grade below "C" will be accepted in transfer. Convocation, chapel, and assembly attendance requirements must be met.
2. Gain admission to and satisfactorily complete the clinical instruction program at an approved School of Nuclear Medicine Technology. Baylor College of Medicine offers the Houston area approved clinical program.

3. Make official application for the degree, Bachelor of Science in Nuclear Medicine Technology, with the Registrar at Houston Baptist University and pay the appropriate graduation fee. This should be done prior to or early in the fourth year of study.

the baccalaureate and commencement exercises next following the satisfactory completion of the clinical instruction program. Commencement invitations and academic apparel are provided through the Houston Baptist University.

4. Arrange to attend and participate in

NUCLEAR MEDICINE TECHNOLOGY

<i>First Year</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	
Language and Literature (Eng. 1313, 1323.	3	3		
Christianity (Old Testament 1313, New Testament 1323).	3		3	
Natural Science 1414, 1424.	4	4		
Mathematics 1313, 1434, and 3312 (College Algebra, Fundamentals of College Math, Statistics).	3	4	3	
Chemical Principles (Chem. 2414)			4	
Social or Behavioral Science			3	
	<u>13</u>	<u>11</u>	<u>13</u>	37
<i>Second Year</i>				
World Literature (Eng. 2313, 2323)	3	3		
Culture and Human Exp: (2301, 2302, 2303, 2304) or Great Issues of the 20th Century (2311, 2312, 2313, 2314)		3	3	
Quantitative Analysis (Chem. 2323)		3		
Introduction to the Calculus (Math 2434)	4			
Modern Analytical Techniques (Chem. 3343)			3	
Cellular and Molecular Biology (Bio. 2353)			3	
Physics 2313, 2323, 2232	3	3	2	
Physical Education (Phy. Educ. 2111)	1		1	
	<u>11</u>	<u>12</u>	<u>12</u>	35

<i>Third Year</i>	<i>Second Quarter</i>	<i>Third Quarter</i>	<i>Fourth Quarter</i>	
Christian Doctrine (Chr. 3323)		3		
Human Anatomy and Physiology (Bio. 2313, 2323)	4			
Social or Behavioral Science			3	
Organic Chemistry (Chem. 3313, 3333)	3	3		
Science Elective			3	
American and Tex. Gov't. (Pol. Sci. 2313) and the American Economic System (Econ. 1301) or American History (History 2313, 2323)		3	3	
Electronics (Phys. 2242)	2			
	<u>12</u>	<u>12</u>	<u>9</u>	33
				<u>105</u>

Additional Recommended Courses:

Phys. 2252 (Optics)
Chem. 4373 (Biochemistry)

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