

7. ACADEMIC ORGANIZATION AND DEGREES

Academic Organization - The academic programs of Hardin-Simmons University are developed and implemented through an academic organization consisting of the following major units:

Cynthia Ann Parker College of Liberal Arts
 Holland School of Sciences and Mathematics
 Kelley College of Business
 Irvin School of Education
 School of Music and Fine Arts
 Patty Hanks Shelton School of Nursing
 Logsdon School of Theology
 Graduate School

The Cynthia Ann Parker College of Liberal Arts offers a wide variety of majors and minors and provides most of the instruction required by the foundational curriculum which is an integral part of all degree programs. The professional schools offer specialized training in their respective fields and provide a clearly focused program for students preparing for those fields. The Graduate School coordinates and supervises the work of those students seeking master or doctoral degrees.

DEGREES OFFERED

HSU offers work leading to the following undergraduate degrees: Bachelor of Arts, Bachelor of Behavioral Science, Bachelor of Business Administration, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Science, and Bachelor of Science in Nursing. Work is also offered which leads to the following graduate degrees: Master of Arts, Master of Business Administration, Master of Divinity, Master of Education, Master of Music, Master of Nursing, Master of Science, and Doctor of Physical Therapy. For descriptions of the graduate degrees see the Graduate Catalog.

STUDENTS ELECTING A DEGREE WITH THE OBJECTIVE OF EARNING TEACHER PREPARATION IN THE STATE OF TEXAS SHOULD REFER TO THE IRVIN SCHOOL OF EDUCATION SECTION OF THIS CATALOG FOR STATE REQUIREMENTS.

NOTES:

1. For specific major and minor requirements, a student should refer to the departmental offerings.
2. The natural science requirement for students who major or minor in science is determined by the faculty of the department involved. If minoring in mathematics or one of the sciences, a student should see the appropriate departmental recommendations.
3. Some courses which are taken to fulfill the HSU Foundational Curriculum requirements may also be counted in corresponding majors or minors if the catalog requirements allow the possibility of those courses. This double counting arises when a student majors or minors in a core-related field. At no time may a course be counted in three required fields. Also, a course may not be counted both in the student's major and minor fields. The capability of counting a course in two required areas does not decrease the graduation requirement of attaining a minimum of 124 semester hours for the bachelor's degree.
4. Although students are encouraged to seek a broad educational experience at HSU, the approval to earn double majors is not automatic. Because the requirements for double majors are complex, students should investigate major and degree requirements early in their career at HSU, referring to the appropriate school/college section of the current Undergraduate Catalog. To pursue double majors, approval from the major advisors and from the Registrar's Office are required using the Application for Declaring Degree. A double major will typically require more than 124 semester hours.
5. Majors require a minimum of 30 hours. (Due to additional foundational courses in the Logsdon School of Theology and the School of Business, majors in those schools may have a minimum of 24 hours.) Minors require a minimum of 18 hours.

| | MAJOR | MINOR | TEACHER DEGREES | TEACHING LEVELS |
|--|---------------------|------------------|----------------------------|------------------|
| ACCOUNTING | BBA | | | |
| ART | BA; BBS; BFA | BA; BBS; BFA | BBS | AL |
| ATHLETIC TRAINING | BBS | | | |
| BIBLE | BA | BA; BBS | | |
| BIBLICAL LANGUAGES | | BA; BBS | | |
| BIOCHEMISTRY | | BA; BS | | |
| BIOCHEMISTRY/MOLECULAR BIOLOGY | BA; BS | | | |
| BIOLOGY | BA; BS | BA; BBS; BS | | |
| BUSINESS ADMINISTRATION | | BA; BBS | | |
| BUSINESS EDUCATION | | | BA; BBS | 6-12 |
| CHEMISTRY | BA; BS | BA; BS | | |
| CHURCH MUSIC | BM | | | |
| COACHING | | BBS | | |
| COMMUNICATION | | BA; BBS | | |
| COMPUTER SCIENCE | BA; BBS; BBA; BS | BA; BBS; BBA; BS | BBS; BS | 8-12 |
| CRIMINAL JUSTICE | BA; BBS | BA; BBS | | |
| ECONOMICS | BA; BBS; BBA; BS | BA; BBS; BBA; BS | | |
| ENGLISH | BA; BBS | BA; BBS | | |
| ENGLISH LANGUAGE ARTS | | | BA; BBS | 8-12 |
| ENGLISH LANGUAGE ARTS & READING | | | BBS; BA (8-12 ONLY) | 4-8; 8-12 |
| ENGLISH LANGUAGE ARTS, READING, AND SOCIAL STUDIES | | | BBS | 4-8 |
| ENVIRONMENTAL SCIENCE | BA; BS | BA; BS | | |
| EXERCISE SCIENCE | BBS | BA; BBS | | |
| FINANCE | BBA | | | |

A second minor may be taken from any area (if a minor is required.)
If no minor is required, a minor from any area may be added.

| | | | | |
|-------------------------------------|--------------|--------------|----------------|------------------|
| GENERAL SCIENCE | | | BBS | 4-8 |
| GENERAL STUDIO ART | BA; BBS; BFA | BA; BBS; BFA | | |
| GEOLOGY | BA; BS | BA; BS | | |
| INTERDISCIPLINARY GENERALIST | | | BBS | EC-4 |
| LEADERSHIP STUDIES | | BA; BBS | | |
| LEGAL STUDIES | | BA; BBS; BBA | | |
| LIFE SCIENCES COMPOSITE | | | BA; BS | 8-12 |
| MANAGEMENT | BBA | BA; BBS | | |
| MARKETING | BBA | | | |
| MASS MEDIA (COMMUNICATION) | BA; BBS | | | |
| MATHEMATICS | BA; BS | BA; BBS; BS | BBS | 4-8; 8-12 |
| MINISTRY | BA; BBS | | | |
| MISSIONS | BA; BBS | | | |
| MUSIC | BA | BA; BBS | | |
| MUSIC EDUCATION | | | BM | AL |
| MUSIC PERFORMANCE | BM | | | |
| MUSIC THEORY (MUSIC MAJOR ONLY) | | BM; BA | | |
| MUSIC THEORY AND COMPOSITION | BM | BM; BA | | |
| MUSIC WITH BUSINESS EMPHASIS | BM | | | |
| NURSING | BSN | | | |
| PHILOSOPHY | BA | BA; BBS | | |
| PHYSICAL EDUCATION | | | BBS | AL |
| PHYSICAL SCIENCES COMPOSITE | | | BBS | 8-12 |
| PHYSICS | | BA; BS; BBS | | |
| POLITICAL SCIENCE | BA; BBS | BA; BBS | | |
| PSYCHOLOGY | BA; BBS | BA; BBS | | |
| RELIGION | | BA; BBS | | |
| SOCIAL STUDIES COMPOSITE | | | BBS | 8-12 |
| SOCIAL WORK | BBS | | | |
| SOCIOLOGY | BA; BBS | BA; BBS | | |
| SPANISH | BA | BA; BBS | BA; BBS | 8-12 |
| SPEECH COMMUNICATION | BA; BBS | | BA; BBS | 8-12 |
| SPEECH-LANGUAGE PATHOLOGY | BA; BBS | BA; BBS | | |
| SPORT, FITNESS, AND LEISURE STUDIES | BBS | BBS | | |
| THEATRE | BA; BBS | BA; BBS | BA; BBS | AL |
| THEOLOGY | BA; BBS | | | |
| YOUTH MINISTRY | BA; BBS | | | |

A second minor may be taken from any area (if a minor is required.)
If no minor is required, a minor from any area may be added.

BACHELOR OF ARTS DEGREE

Majors and minors are offered in the following fields:

| | |
|---|---|
| Art | Legal Studies (minor only) |
| General Studio Art | Management (minor only) |
| Graphic Design (major only) | Mathematics |
| Bible | Ministry |
| Biblical Languages (minor only) | Missions |
| Biochemistry (minor only) | Music |
| Biochemistry / Molecular Biology (major only) | Music with elective studies in Business |
| Biology | Philosophy |
| Business Administration (minor only) | Political Science |
| Chemistry | Psychology |
| Coaching (minor only) | Religion (minor only) |
| Communication with Emphasis in: | Sociology |
| Speech Communications (major only) | Spanish |
| Mass Media (major only) | Speech-Language Pathology |
| Public Relations/Advertising (major only) | Teacher Education Preparation |
| Communication minor | (Grades 8-12 Secondary Preparation Level) |
| Computer Science | Business Education 6-12 |
| Criminal Justice | English Language Arts |
| Economics | History |
| English | Life Sciences (composite) |
| Environmental Science | Spanish |
| Exercise Science (minor only) | Speech Communication |
| Geology | Theatre (EC-12) |
| History | Theatre |
| Honors (minor only) | Theology |
| Leadership Studies (minor only) | Youth Ministry |

General Outline for the Bachelor of Arts Degree

Required Semester Hours

| | |
|--|------------|
| MAJOR (Select from the above-mentioned fields) | 30 or more |
| MINOR (Select from the above-mentioned fields) | 18 or more |

FOUNDATIONAL CURRICULUM

I. Skill-Focused:

| | |
|---|----------------------|
| Effective Communication | |
| Freshman Writing: ENGL 1301 AND 1302 | 6 |
| Oral Communication: COMM 1301 or 1302 | 3 |
| Quantitative Reasoning | |
| Math 1301 or as recommended by Math department or major | 3 |
| Discipline-Focused: | |
| Fitness Education | 3 |
| Fine Arts & Literature | |
| Fine Arts: Visual Arts, Music or Theatre | 3 |
| Sophomore Literature | 3 |
| Biblical Studies | |
| Old Testament: BIBL 1301 | 3 |
| New Testament: BIBL 1302 | 3 |
| Foreign Language | (one language) 12-14 |
| Humanities | 3 |
| Natural & Physical Sciences | |
| (from at least two fields and including one four-hour laboratory course: biology, chemistry, geology, physics-physical science, science education) | 7 |
| Social and Behavioral Sciences | |
| (from at least two fields outside the major, four or more courses [depending on degree], with two of these courses in the same area to reflect a year's study in that field: Economics, Political Science [EDUC requires 1301], History [EDUC requires 1301 and 1302], Psychology [EDUC requires 3333]) | 12 |
| ELECTIVES | 15 |
| MINIMUM REQUIRED | 124 |

TEACHER PREPARATION FOR A B.A. DEGREE INCLUDES ADDITIONAL STATE REQUIREMENTS IN THE DEGREE CORE. SEE IRVIN SCHOOL OF EDUCATION (Chapter 11.)

Chapel: Minimum requirement of 80 credits for 4-year degree.

Technological Competency: For most majors, CSCI 1303 will fulfill this requirement. The Kelley College of Business departmental technological proficiency exam & transfer courses may also be used. Teacher certification programs require EDUC 1306; any major in the Department of Art requires Art 2303; the Psychology major requires PSYC 2101; and Music degrees require MUTC 2338. The student is responsible for fulfilling this competency according to his or her major's requirements.

BACHELOR OF BEHAVIORAL SCIENCE DEGREE

Majors and minors are offered in the following fields:

- | | |
|---|--|
| Art | Political Science |
| General Studio | Psychology |
| Graphic Design (major only) | Religion (minor only) |
| Athletic Training (major only) | Social Work (major only) |
| Bible (minor only) | Sociology |
| Biblical Languages (minor only) | Spanish (minor only) |
| Biology (minor only) | Speech-Language Pathology |
| Business Administration (minor only) | Sports, Fitness, and Leisure Studies |
| Coaching (minor only) | Teacher Education Preparation (majors only) |
| Communication (minor only) and | Art (EC-12) |
| Emphasis in: | Business Education (6-12) |
| Speech Communications (major only) | Computer Science (8-12) |
| Mass Media (major only) | Education (minor only for EC-4 and all 4-8 majors) |
| Public Relations/Advertising (major only) | English Language Arts (8-12) |
| Computer Science | English Language Arts and Reading (4-8) |
| Criminal Justice | English Language Arts and Reading/Social Studies (4-8) |
| Economics | Physical Education (EC-12) |
| English | General Science (4-8) |
| Exercise Science (minor only) | History (8-12) |
| Geology | Interdisciplinary Generalist (EC-4) |
| History | Mathematics (4-8) (8-12) |
| Honors (minor only) | Physical Sciences (composite) (8-12) |
| Leadership Studies (minor only) | Theatre |
| Legal Studies (minor only) | Theology |
| Management (minor only) | Youth Ministry |

General Outline For The Bachelor of Behavioral Science Degree

Required Semester Hours

MAJOR (Select from the above-mentioned fields)..... 30 or more
 MINOR (Select from the above-mentioned fields) 18 or more

FOUNDATIONAL CURRICULUM

I. Skill-Focused:

Effective Communication
 Freshman Writing: ENGL 1301 AND 1302.....6
 Oral Communication: COMM 1301 or 13023

Quantitative Reasoning
 Math 1301 or as recommended by Math department or major3

II. Discipline-Focused:

Fitness Education3

Fine Arts & Literature

 Fine Arts: Visual Arts, Music or Theatre.....3
 Sophomore Literature.....3

Biblical Studies

 Old Testament: BIBL 1301.....3
 New Testament: BIBL 13023

Humanities3

Natural & Physical Sciences

 (from at least two fields and including one four-hour laboratory course: biology, chemistry, geology, physics-physical science, science education)7

Social and Behavioral Sciences

 (from at least two fields outside the major, four or more courses [depending on degree], with two of these courses in the same area to reflect a year's study in that field: Economics, Political Science [EDUC requires 1302], History [EDUC requires 1301 and 1302], Psychology [EDUC requires 3333], Sociology) 18

ELECTIVES 15

MINIMUM REQUIRED 124

TEACHER PREPARATION FOR A B.B.S. DEGREE INCLUDES ADDITIONAL STATE REQUIREMENTS IN THE DEGREE CORE. SEE IRVIN SCHOOL OF EDUCATION (Chapter 11.)

Chapel: Minimum requirement of 80 credits for 4-year degree.

Technological Competency: For most majors, CSCI 1303 will fulfill this requirement. The Kelley College of Business departmental technological proficiency exam & transfer courses may also be used. Teacher certification programs require EDUC 1306; any major in the Department of Art requires Art 2303; the Psychology major requires PSYC 2101; and Music degrees require MUTC 2338. The student is responsible for fulfilling this competency according to his or her major's requirements.

BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Majors are offered in the following fields:

- Accounting
- Computer Science (minor only)
- Economics
- Finance
- Information Systems
- Management
- Marketing

For requirements leading to the Bachelor of Business Administration degree, please refer to the School of Business section of this Catalog.

General Outline For The Bachelor of Business Administration Degree

Required Semester Hours

| | |
|--|-------|
| MAJOR (Select from the above-mentioned fields)..... | 24-30 |
| BUSINESS CORE | 39 |
| FOUNDATIONAL CURRICULUM | |
| I. Skill-Focused: | |
| Effective Communication | |
| Freshman Writing: ENGL 1301 AND 1302..... | 6 |
| Oral Communication: COMM 1301 or 1302 | 3 |
| Quantitative Reasoning | |
| Math 1310,1315, 1320 or as recommended by Business advisors..... | 3 |
| II. Discipline-Focused: | |
| Fitness Education | 3 |
| Fine Arts & Literature | |
| Fine Arts: Visual Arts, Music or Theatre | 3 |
| Sophomore Literature | 3 |
| Biblical Studies | |
| Old Testament: BIBL 1301 | 3 |
| New Testament: BIBL 1302 | 3 |
| Humanities | 3 |
| Natural & Physical Sciences | |
| (from at least two fields and including one four-hour laboratory course: biology, chemistry, geology, physics-physical science, science education) | |
| Social Science (Economics 2330, 2332, 2333, and 3 hours from history, political Science, psychology, or sociology) | 12 |
| ELECTIVES | 6-12 |
| MINIMUM REQUIRED | 124 |

Chapel: Minimum requirement of 80 credits for 4-year degree.

Technological Competency: BSAD will fulfill this requirement. The student is responsible for fulfilling this competency according to his or her major's requirements.

BACHELOR OF FINE ARTS DEGREE

Majors are offered in the following fields:

Art with emphasis in:

- 3D
- Graphic Design
- Painting and Drawing
- Photography
- Printmaking

General Outline for the Bachelor of Fine Arts Degree**Required Semester Hours**

| | |
|--|-----|
| MAJOR (Select from the above-mentioned fields)..... | 75 |
| MINOR (none needed) | |
| FOUNDATIONAL CURRICULUM | |
| I. Skill-Focused: | |
| Effective Communication | |
| Freshman Writing: ENGL 1301 AND 1302..... | 6 |
| Oral Communication: COMM 1301 or 1302 | 3 |
| Quantitative Reasoning | |
| Math 1301 or as recommended by Math department or major | 3 |
| Discipline-Focused: | |
| Fitness Education FSSC 1170 and 2 other activity courses | 3 |
| Fine Arts & Literature | |
| Fine Arts:, Music or Theatre | 3 |
| Sophomore Literature | 3 |
| Biblical Studies | |
| Old Testament: BIBL 1301 | 3 |
| New Testament: BIBL 1302 | 3 |
| Foreign Language (from one language) | 8 |
| Humanities (see major) | 0 |
| Natural & Physical Sciences | |
| (from at least two fields and including one four-hour laboratory course: biology, chemistry, geology, physics-physical science, science education) | 7 |
| Social and Behavioral Sciences | |
| (from at least two fields - | |
| Economics, Political Science , Psychology, Sociology) | 9 |
| MINIMUM REQUIRED | 126 |

Chapel: Minimum requirement of 80 credits for 4-year degree.

Technological Competency: Art 2303 will fulfill this requirement. The student is responsible for fulfilling this competency according to his or her major's requirements.

BACHELOR OF MUSIC DEGREE

Majors are offered in the following fields:

| | |
|------------------------------|------------------------------|
| Church Music | Music Performance |
| Music with Business Emphasis | Keyboard |
| Music Education | Strings |
| All-Level (EC-12) | Wind, Brass, Percussion |
| Choral | Voice |
| Instrumental | Music Theory and Composition |
| | Music Theory (minor only) |

For requirements leading to this degree and for teacher Preparation please refer to the School of Music and the Irvin School of Education sections of this Catalog.

Chapel: Minimum requirement of 80 credits for 4-year degree.

Technological Competency: MUTC 2338 will fulfill this requirement. The student is responsible for fulfilling this competency according to his or her major's requirements.

BACHELOR OF SCIENCE DEGREE

Majors and minors are offered in the following fields:

| | |
|---|--|
| Biochemistry (minor only) | Education |
| Biochemistry/Molecular Biology (major only) | Computer Science (8-12) |
| Biology | Life Sciences (composite) (8-12) |
| Chemistry | Science (composite) (8-12) |
| Computer Science | Geology |
| Economics | Mathematics |
| Environmental Science | Physics (Cooperative arrangement with ACU) |

General Outline for the Bachelor of Science Degree

Required Semester hours

| | |
|--|------------|
| MAJOR (Select from the above-mentioned fields)..... | 30 or more |
| MINOR (Select from the above-mentioned fields) | 18 or more |

FOUNDATIONAL CURRICULUM

I. Skill-Focused:

| | |
|---|---|
| Effective Communication | |
| Freshman Writing: ENGL 1301 AND 1302..... | 6 |
| Oral Communication: COMM 1301 or 1302 | 3 |

| | |
|------------------------|---|
| Quantitative Reasoning | |
| Mathematics | 6 |

II. Discipline-Focused:

| | |
|-------------------------|---|
| Fitness Education | 3 |
|-------------------------|---|

Fine Arts & Literature

| | |
|---|---|
| Fine Arts: Visual Arts, Music or Theatre..... | 3 |
| Sophomore Literature..... | 3 |

Biblical Studies

| | |
|-------------------------------|---|
| Old Testament: BIBL 1301..... | 3 |
| New Testament: BIBL 1302..... | 3 |

Humanities

| |
|---|
| 3 |
|---|

Natural & Physical Sciences

(from at least two fields and including one four-hour laboratory course: biology, chemistry, geology, physics-physical science, science education)

| |
|---|
| 8 |
|---|

Social and Behavioral Sciences

(from at least two fields outside the major, four or more courses [depending on degree] with two of these courses in the same area to reflect a year's study in that field: Economics, Political Science [EDUC requires 1302], History [EDUC requires 1301 and 1302],

| | |
|--|----|
| Psychology [EDUC requires 3333], Sociology)..... | 12 |
|--|----|

| | |
|-----------------|----|
| ELECTIVES | 15 |
|-----------------|----|

| | |
|-----------------------|-----|
| MINIMUM REQUIRED..... | 124 |
|-----------------------|-----|

TEACHER PREPARATION FOR A B.A. DEGREE INCLUDES ADDITIONAL STATE REQUIREMENTS IN THE DEGREE CORE. SEE IRVIN SCHOOL OF EDUCATION (Chapter 11.)

Chapel: Minimum requirement of 80 credits for a 4-year degree.

Technological Competency: For most majors, CSCI 1303 will fulfill this requirement. The Kelley College of Business departmental technological proficiency exam & transfer courses may also be used. Teacher certification programs require EDUC 1306. The student is responsible for fulfilling this competency according to his or her major's requirements.

BACHELOR OF SCIENCE IN NURSING DEGREE

For admissions and other requirements leading to this degree, please refer to the School of Nursing section of this Catalog.

PRE-PROFESSIONAL COURSES OF STUDY

It is recognized that some students enrolling in the University are interested in preparing for professional fields such as dentistry, engineering, geology, law, medicine, pharmacy, or veterinary medicine. HSU offers an ample number of academic foundation courses required for admission to professional schools.

Professional schools maintain rigid admission policies, and admission is highly competitive. Qualified HSU students have been most successful in gaining admission to these schools.

A student interested in these specialized fields, in consultation with the appropriate advisor, is responsible for becoming acquainted with the admissions requirements of the school of his/her choice so that a program may be planned to meet those requirements.

The following pre-professional guidelines are provided for those wishing to complete liberal arts requirements at Hardin-Simmons University prior to their graduate or professional study.

Pre-Engineering Requirements - Schools of engineering will accept work from Hardin-Simmons University which is equivalent to courses in their engineering curriculum. In general, a student may attend Hardin-Simmons University for two years and then transfer approximately 50-60 hours into an engineering curriculum. Each student will consult with the pre-engineering advisor from the beginning to plan a program that will fit the particular engineering school and program in which the student is interested.

The following is a general guide showing work which may be transferred from Hardin-Simmons University into an engineering curriculum. The exact hours transferred will depend upon the area of engineering and school selected.

| | Semester Hours |
|--|-----------------------|
| Chemistry | 8 |
| English..... | 6-12 |
| Fitness & Sport Sciences activity courses..... | 3 |
| History and Political Science | 12 |
| Humanities & Social Science Electives | 3-6 |
| Mathematics* | 9-12 |
| Physics | 8 |
| Total..... | 50-62 |

*The student should begin the study of Calculus with Math 1320 and 1321 in the freshman year.

Pre-Geologist Requirements The Bachelor of Science degree in Geology prepares students to sit for the National Association of State Boards of Geology (ASBOG) Fundamentals and Geology Practice examinations.

Pre-Graduate Software Engineering and Computer Science - Students desiring to enroll in graduate programs in software engineering or computer science are strongly encouraged to major in computer science and minor in mathematics; major in mathematics and minor in computer science; or double major in mathematics and computer science. Alternatively, students may major in any science and take the following courses: MATH 1320, 1321, 2320, 3305, 3310, 3315; CSCI 1320, 2320, 3320, 3323.

Pre-Medical and Pre-Dental Requirements - Hardin-Simmons University has for many years provided course work necessary for preparing men and women for careers in medicine and dentistry. Hardin-Simmons University students perform admirably in our nation's medical and dental schools. Many pre-medical and pre-dental students major in chemistry or biology, although it is possible to major in other areas. Each student is counseled individually with regard to needs and interests. The following outline of courses is a typical requirement for students applying to medical or dental schools.

| | Semester Hours |
|--|-----------------------|
| Biology 1320, 1120, 2420, and 2 advanced courses | 16 |
| Chemistry 1310, 1110, 1311, 1111, 3401, 3402 | 16 |
| English 1301, 1302..... | 6 |
| Mathematics 1320 (for pre-medical students) | 3 |
| Physics 1310, 1110, 1311, 1111 | 8 |
| Total..... | 49 |

Most pre-medical and pre-dental students will complete at least 124 hours, including the above courses, and obtain a Bachelor of Science or a Bachelor of Arts degree. Exceptional pre-medical and pre-dental students may elect to follow a three-year degree plan consisting of at least 94 hours at HSU plus the successful completion of the first year in an accredited United States medical or dental school. This program is outlined below in this section of the Catalog.

Bachelor of Science—Three Year Pre-Medical and Pre-Dental Programs - The Bachelor of Science degree is available to exceptional pre-medical and pre-dental students who have completed at least 94 semester hours, as outlined below, and who have completed 30 semester hours or the first year in an accredited United States medical or dental school. These students will receive the Bachelor of Science degree in Biology from Hardin-Simmons University. Preparation of the work done in medical or dental school must be made by the dean of that school.

FOUNDATIONAL CURRICULUM

I. Skill-Focused:

Effective Communication
 Freshman Writing: ENGL 1301 AND 1302..... 6
 Oral Communication: COMM 1301 or 1302 3

Quantitative Reasoning
 Mathematics 6

II. Discipline-Focused:

Fitness Education 3

Fine Arts & Literature

Fine Arts: Visual Arts, Music or Theatre..... 3
 Sophomore Literature..... 3

Biblical Studies

Old Testament: BIBL 1301..... 3
 New Testament: BIBL 1302 3

Humanities 3

Natural & Physical Sciences

(from at least two fields and including one four-hour laboratory course: biology, chemistry, geology, physics-physical science, science education) 8

Social and Behavioral Sciences

(**from at least two fields outside the major**, four or more courses [depending on degree] with two of these courses in the same area to reflect a year's study in that field: Economics, Political Science [EDUC requires 1302], History [EDUC requires 1301 and 1302], Psychology [EDUC requires 3333], Sociology) 12

ELECTIVES 15

MINIMUM REQUIRED 124

Chapel: Minimum requirement of 80 credits for a 4-year degree.

Technological Competency: For most majors, CSCI 1303 will fulfill this requirement. The Kelley College of Business departmental technological proficiency exam and transfer courses may also be used. The student is responsible for fulfilling this competency according to his or her major's requirements.

*The last 30 semester hours of these academic foundation courses must be taken in residence at Hardin-Simmons University.

**Most medical schools require one semester of college calculus.

Pre-Law Program and Legal Studies Minor - Few law schools require specific undergraduate majors for admission. Accordingly, a pre-law student at HSU may, after consultation with the pre-law advisor, choose his course of study from a variety of curricula.

However, for both the student seeking a law or law-related career ("professional track" student) and students interested in the law from a liberal arts or other perspective ("non-professional track" student), HSU offers a unique multidisciplinary legal studies minor of 21 hours. This program is available under the B.A., B.B.S., or B.B.A. degree.

Please direct questions concerning the Legal Studies and pre-law programs to the University's Legal Studies Director.

For additional information, refer to the catalog section on Legal Studies.

Pre-Pharmacy Requirements-Students interested in a career in pharmacy generally complete at least two years' work in a college or university and then enter a school of pharmacy for three additional years. A minimum of 60 hours is required for admission to most schools of pharmacy. The student and his/her advisor will consult the catalog of the school of pharmacy to which the student seeks admission and plan his specific program to meet the requirements of that school.

The following pre-pharmacy program represents the requirements of most pharmacy schools.

| | Semester Hours |
|---|-----------------------|
| American History..... | 6 |
| Biology 1320, 1120, 2420 | 8 |
| Chemistry 1310, 1110, 1311, 1111, 3401, 3402..... | 16 |
| Economics | 3-6 |
| English and/or Speech..... | 6-12 |
| Fitness & Sport Sciences activity courses | 2-4 |
| Mathematics* | 6 |
| Physics 1310, 1110, 1311, 1111..... | 8 |
| Political Science..... | 6 |
| <hr/> | |
| Total | 61-72 |

Electives**

*Some schools of pharmacy require mathematics through the first semester of calculus.

**Some schools of pharmacy recommend microbiology and accounting as electives, and most require keyboarding if not taken in high school.

Pre-Physical Therapy - While the requirements for admission to any of the professional physical therapy educational programs have similar prerequisites, there may be slight differences with each school. The student is advised to consult with each program in which they have an interest for specific admission criteria. The majority of physical therapy schools confer the masters degree upon graduation and generally require that the applicant complete a baccalaureate degree which will include the prescribed prerequisite course work. Admission to physical therapy programs is highly competitive and usually requires a grade point average considerably above a 3.00 (on a 4.00 system.) Additionally, the majority of programs require that the student demonstrate knowledge of the profession. This may be obtained in a variety of ways, such as observation, volunteering or paid employment as an aide in a physical therapy department or clinic. It is suggested that the student have wide exposure to various types of physical therapy practice settings.

Hardin-Simmons University offers a doctoral level curriculum in physical therapy education with a class beginning yearly with the fall semester. As a service to the pre-physical therapy students on the HSU campus, the department of physical therapy serves as a central advisory office. Pre-physical therapy students should seek assistance from their academic advisor or contact the Department of Physical Therapy with questions about the graduate program in physical therapy at HSU.

Pre-Seminary - The Logsdon School of Theology is aware that most church vocation students plan further theological training after the Bachelor's degree, either at Logsdon or elsewhere. Therefore, the student's faculty mentor will guide the student in selecting those courses that best prepare for further theological studies.

MASTER'S DEGREES

For information concerning requirements leading to the master's degrees, see the Graduate Catalog. For a listing of the programs, see Chapter 16 of this Catalog.