

College of Arts and Sciences

ADMINISTRATIVE OFFICER

Gerard Rambally, *Dean*

ADMINISTRATIVE STAFF

A. Anil Kumar, *Associate Dean*

The College of Arts and Sciences offers courses leading to degrees in six departments and one division. The first two years' work is designed to give students a general educational background and to provide the knowledge and intellectual skills required for more advanced studies. During the last two years of college work, students choose a concentration in a major field. Opportunities are available for cultivating related interests and for pursuing electives that do not fall within the field of the student's major.

All freshman and sophomore students in the College of Arts and Sciences, unless specifically authorized by the department head and the dean before registration, are required to follow the prescribed courses as set forth in the catalog. Students should plan their course of study with the department head or advisor and should consult the advisor before each registration period.

INSTRUCTIONAL ORGANIZATION

Department	Major	Degree Offered
<i>Biology</i>	Biology	B.S.
	Medical Technology	B.S.
<i>Chemistry</i>	Chemistry	B.S.
<i>Languages and Communications</i>	English	B.A.
	Spanish	B.A.
	Communications	B.A.
<i>Mathematics</i>	Mathematics	B.S.
<i>Music and Drama</i>	Drama	B.A.
	Music	B.A., B.M.
<i>Physics</i>	Physics	B.S.
<i>Division of Social Work, Behavioral and Political Science</i>	History	B.A.
	Political Science	B.A.
	Social Work	B.A.S.W.
	Sociology	B.A.

COLLEGE REQUIREMENTS

Students pursuing an undergraduate degree in the College of Arts and Science must complete four semesters in a single foreign language unless a substitution is approved. Students may satisfy the language requirement through course work or examination. Credit by examination may be by Advanced Placement (AP) or College Level Examination Program (CLEP).

Major and Minor Requirements

After completion of the sophomore year, all students enrolled in the College of Arts and Sciences should have selected a major. A minor must also be chosen from a department or college of the student's choice. Students majoring in music may graduate without a minor. The selections should be made in consultation with the department head or a designated advisor.

Students must earn a minimum overall grade point average of C in their college work. A specific grade point average may also be required by the department in which the student is majoring or minoring before the student is approved for graduation.

Transfer credits toward the major or minor must be approved by the department head and dean of the college in which the program is located.

Minimum Total Credit Hours for Graduation

Students must complete a minimum of 120 semester hours in order to earn a bachelor's degree. Review requirements for each degree program.

Department of Biology

ADMINISTRATIVE OFFICER

George E. Brown, *Department Head*

FACULTY

Lee E. Henderson, *Anatomy and Physiology*

Harriette Howard-Lee, *Molecular Biology*

Alphonso Keaton, *Physiology*

Edward W. Martin, *Embryology*

Gloria Regisford, *Reproductive Physiology*

Seab A. Smith, *Botany*

Halcyon Watkins, *Anatomy and Physiology*

PURPOSE AND GOALS

The curricula of the Department of Biology prepare students for careers as biologists, medical technologists, and biology educators. The department also provides the undergraduate foundation for students who plan to pursue professional studies leading to the doctorate in medicine, dentistry, veterinary medicine, optometry, pharmacy, allied health and biological sciences.

SPECIAL EMPHASIS OPTIONS

In addition to the degree programs listed above, students may select alternate required courses in the major in such a way as to pursue specific career options. Emphasis options are available in pre-medicine, pre-dentistry, pre-veterinary, pre-podiatry, pre-pharmacy, pre-physical therapy, or other allied health professions. Please refer to course listings on the following pages.

The Department of Biology also offers honors opportunities that prepare students for graduate and health professions schools. The students who pursue honors level academic work are selected for their outstanding academic achievements in high school.

HONOR SOCIETIES AND CLUBS

Beta Beta Beta Biological Honor Society stimulates sound scholarship, promotes the dissemination of scientific knowledge, and encourages investigation in the life sciences. To be eligible for selection, candidates must have a superior scholarship record and have completed at least two courses in biology totaling not less than 10 semester hours, or the equivalent of that number. They must also have completed at least one term of the second year of a four-year curriculum or its equivalent and exemplify high ethical and moral ideals.

Beta Kappa Chi encourages and advances scientific education through original investigation, dissemination of scientific knowledge, and stimulation of high scholarship in the pure and applied sciences. To be eligible for membership, students must be in the upper fifth of their university class and have completed at least 64 semester hours of university work. Candidates for membership in Beta Kappa Chi must have completed 17 semester hours in one of the sciences recognized by the society with a grade average of at least B.

Minority Association of Pre-health Students provides activities through partnerships with near-by chapters of Student National Medical Association (SNMA) to achieve the goal of increasing the matriculation of undergraduate students into professional health related programs by providing information, materials and mentorship opportunities. *The Premedical Club* exists to establish a rapport between the biology department and medical schools; to establish a better relationship between premedical students and professional schools staff; to provide opportunities for students to visit various health profession schools for tours, chats, and informal lectures; to assist students in becoming test-sophisticated and to strengthen students in the pursuit of culture. The Premedical Club is open to all students interested in a medical career.

The Pre-veterinary Medicine Club exists to establish a rapport between the Biology Department, Veterinarians and Colleges of Veterinary Medicine; to establish student veterinary preceptorships to provide opportunities for visits to zoos and the College of Veterinary Medicine at Texas A&M University; to become aware of the vast differences in entry requirements for the 27 colleges of Veterinary medicine and to assist students in becoming test-sophisticated. The club is open to all students interested in veterinary medicine.

The Pre-dental Club exists to establish a rapport between the biology department and dental schools; to establish a better relationship between pre-dental students and dental school staff; to provide opportunities for students to visit dental schools; to assist students in becoming test-sophisticated and to strengthen skills of students interested in a dental career.

The Allied Health Club is designed to provide these pre-professional students with an organization for their specific needs. This club enables students interested in physical therapy, pharmacy, medical technology, physician's assistance, occupational therapy, optometry, dental hygiene, medical record administration, and public health an opportunity to learn about their chosen professions. These students are introduced to professionals in allied health; visit the campus, and hospitals of the various programs; establish relationships with the faculty and other students interested in the medical fields. *The Allied Health Club* is open to all students interested in a health professions career.

The Texas Academy of Science promotes scientific interest among the colleges and universities of Texas. Membership in the academy is open to all science majors of sophomore level or above who maintain a minimum grade point average of 2.00 on a 4.0 scale.

CAREER OPPORTUNITY PROGRAMS

Health Careers Opportunity Program (HCOP). The purpose of the program is to increase the total Texas supply of qualified competitive minority applicants for medical, dental, and veterinary schools. The activities include a summer institute of preliminary education in biology, chemistry, and mathematics for 40 potential students; a fall and spring tutorial program; field trips; and test preparation workshops for the MCAT and DAT.

The Joint Admissions to Medical School Program (JAMP). A program created by Senate Bill 940 of the 77th Texas Legislature to:

1. Provide services to support and encourage highly qualified, economically disadvantaged (Pell Grant eligible) Texas resident freshman pre-medical students that score the mean or higher for Texas on the SAT or ACT and earns a GPA of 3.25 or higher completing 15 or more semester hours the fall semester of their college freshman year.
2. Award undergraduate (\$2,000/ semester) and medical school scholarships and \$4,000 stipends to attend summer medical internships following the student's freshman, sophomore and junior years.
3. Provide for the admission of those students who satisfy both academic and nonacademic requirements to at least one Texas Medical School.

Contact the JAMP Faculty Director, Dr. George E. Brown at george_brown@pvamu.edu for application information.

BACHELOR OF SCIENCE IN BIOLOGY DEGREE PROGRAM REQUIREMENTS

Core Curriculum 45 SCH
Biology majors are required to complete one semester of Calculus (MATH 1124 or higher). Most students need to pass MATH 1113 and MATH 1123 in preparation for Calculus. Biology majors are also required to complete PHYS 2513, 2511, 2523, and 2521. However, PHYS 2113, 2111, 2123 and 2121 may substitute for these courses.

Foreign Language Requirements (one language).....12 SCH

Major Requirements 48 SCH

BIOL 1015, 1021, 1025, 1031, 1034, 2054, 3014, 3024, 3034, 3044, 3054, 3064, 3073, 3083, 4012, 4014, 4024, 4034, 4051, and 4061.

Biology majors must take the eight underlined courses BIOL 1015, 1025, 1034, 2054, 3034, 3014 and 3024. They may select the remaining 22 semester credit hours of biology from the above list of biology courses. Core curriculum courses, BIOL1113, 1111, 1054, 1064, and 1073, may not be used to satisfy the biology major requirements.

Support..... **24 SCH**
 CHEM 1032, 1033, 1042, 1043, 2032, 2033, 2042, 2043 20 SCH
 HUPF 1011 – 2151 4 SCH
 (Tennis, golf and ball room dancing are recommended HUPF courses)

Minor Requirements4, 18-24 SCH
 Students may elect the minor of their choice. They must satisfy the catalog requirement for the selected minor. Biology students that elect chemistry as a minor only need to complete one additional advanced Chemistry course of 4 SCH to satisfy the catalog requirement of 24 SCH in chemistry.

Total Degree Requirements **Minimum 131 SCH**

Requirements for Biology as a Minor Field **26 SCH**
 BIOL 1015, 1025, 2054, 3014, 3024, 3034

BIOLOGY SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

First Semester		Hours	Second Semester		Hours
BIOL 1021	Biology Seminar	1	BIOL 1025	General Biology	5
BIOL 1015	General Biology	5	BIOL 1031	Biology Seminar	1
ENGL 1123	Freshman Composition I	3	*MATH 1124	Calculus/Analytic Geometry I	4
COMP 1003	Introduction to Computer Education	3	CHEM 1043	General Inorganic Chemistry II	3
CHEM 1033	General Inorganic Chemistry I	3	CHEM 1042	General Inorganic Chemistry Lab	2
CHEM 1032	General Inorganic Chemistry Lab	2	ENGL 1133	Freshman Composition II	3
Total		17	Total		18

SOPHOMORE YEAR

First Semester		Hours	Second Semester		Hours
BIOL 2054	Genetics	4	BIOL 1034	Botany	4
CHEM 2033	General Organic Chemistry	3	CHEM 2043	General Organic Chemistry	3
CHEM 2032	General Organic Chemistry Lab	2	CHEM 2042	General Organic Chemistry Lab	2
SPCH 1003	Fund. of Speech Communication	3		Humanities	3
PHYS 2513	General Physics I	3	PHYS 2523	General Physics II	3
PHYS 2511	General Physics Lab I	1	PHYS 2521	General Physics Lab II	1
Total		16	Total		16

JUNIOR YEAR

First Semester		Hours	Second Semester		Hours
BIOL 3073	Molecular Biology I	3	BIOL 3024	Human Physiology/Anatomy	4
BIOL 3014	Human Physiology/Anatomy	4	**BIOL 3083	Molecular Biology II	(3) or
			Or **BIOL 3064	Histology	(4)
HIST 1313	U.S. to 1876	3	POSC 1123	American Government II	3
Language	SPAN 1013 or FREN 1013	3	HIST 1323	The U.S.-1876 to Present	3
POSC 1113	American Government I	3	Language	SPAN 1023 or FREN 1023	3

HUPF	Physical Activity	1	HUPF	Physical Activity	1
Total		17	Total		17 or 18

SENIOR YEAR

First Semester		Hours	Second Semester		Hours
BIOL 3034	Microbiology	4	**BIOL 3044	Immunology	(4) or
**BIOL 4014	Vertebrate Embryology	(4) or	Or **BIOL 4024	Comparative Anatomy	(4) or
Or**BIOL 3064	Histology	(4) or	Or **BIOL 3054	Gross Anatomy	(4)or
Or **BIOL 4034	Practicum	(4) or	Or **BIOL 4042	Medical Terminology	(2)or
or**BIOL 4051	Research	(1) or	Or**BIOL 4061	Research	(1) or
Or**BIOL3054	Gross Anatomy	(4)	***	Minor courses (4 in CHEM or 245 or additional SCH in another field	more
	Visual and Performing Arts	3		Social and Behavioral Sciences	3
HUPF	Physical Activity	1	HUPF	Physical Activity	1
	SPAN 2013 or FREN 2013	3		SPAN 2023 or FREN 2023	3
Total		15	Total		17

* Biology majors are required to take MATH 1124 or higher. Students may need to take Algebra or Pre-calculus before enrolling in Calculus. Other students may be prepared to start with Calculus I or higher math.

** Electives in upper division Biology courses. Forty-eight Biology SCH are required.*** Biology majors may elect the minor of their choice and satisfy the catalog requirements for that minor. However biology majors only need to complete CHEM 4043 and 4042, Biochemistry, to complete the catalog requirements for a minor in chemistry.

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY DEGREE PROGRAM

The Medical Technology curriculum of Biology at Prairie View A&M University prepares students for careers as clinical laboratory scientists. The program provides the undergraduate foundation for students who plan to pursue medical Technology Clinical studies leading to the certification and the B.S. degree.

Specific Program Outcome Expectations

Among Annual Recipients of the Bachelor of Science Degree in Medical Technology:

- At least 90% will be qualified competitive applicants for employment in hospitals, government agencies, industry and schools as clinical laboratory scientists.
- Some will establish a company or private business involving research, services, or education laboratory sciences.

DEGREE PROGRAM REQUIREMENTS

Core Curriculum **44 SCH**

All Medical Technology Core Curriculum requirements are shown in the suggested degree program.

Foreign Language Requirements(one language) **12 SCH**

Major Requirements **66 SCH**

BIOL 1015, 1021, 1025, 1031, 2054, 3014, 3024, 3034, 3044, 3064; 30 SCH of Medical Technology Clinical Courses

Support Area Requirements..... **24 SCH**
 CHEM 1032, 1033, 1042, 1043, 2012, 2112, 2032, 2033, 4033, 4042

Total Degree Requirements..... **146 SCH**

Clinical Courses..... **30 SCH**
 In a Hospital with a certified medical technology clinical program.

Students must enroll for clinical training at an approved hospital after completing the three year pre-clinical medical technology curriculum listed below.

Secure two official transcripts from the Registrar's Office. One transcript must be attached to the application form. The second transcript should be mailed, with a check for the required registration fee, to the National Accrediting Agency for Clinical Laboratory Sciences, 222 South Riverside Plaza, Suite 1515, Chicago, Illinois 60606. This office will evaluate the transcript and notify the appropriate hospital and the applicant of its findings.

Secure a letter of recommendation from the faculty advisor for allied health (Dr. Halcyon Watkins) or a member of the Health Professions Advisory Committee subject to the approval of the department head attesting to the character, academic ability, and/or potential of the applicant.

Applicants who have submitted all credentials will be invited to the appropriate hospital for an interview with the committee on admission, which is composed of a cross-section of the medical technology faculty, the teaching supervisor, and the director of the school of medical technology.

Upon acceptance to clinical training, students must secure and pay for the required liability insurance.

The 12-month hospital clinical courses qualify students to perform such tests as complete blood count, urinalysis, serological test for syphilis, clinical chemistry, isolation and identification of pathogenic bacteria, and other procedures. The student gains these skills partly through didactic lectures given throughout the year, but principally by repeat performance of the tests under the guidance of a registered medical technologist.

Students are responsible for making their own arrangements for living quarters during the 12 months of Clinical training.

MEDICAL TECHNOLOGY SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
BIOL 1021	Biology Seminar	1	BIOL 1025	General Biology	5
BIOL 1015	General Biology	5	BIOL 1031	Biology Seminar	1
ENGL 1123	Freshman Composition I	3	COMP 1003	Introduction to Computer Education	3
MATH 1113	College Algebra	3	CHEM 1043	General Inorganic Chemistry II	3
CHEM 1033	General Inorganic Chemistry I	3	CHEM 1042	General Inorganic Chemistry Lab	2
CHEM 1032	General Inorganic Chemistry Lab	2	ENGL 1133	Freshman Composition II	3
Total		17	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
BIOL 2054	Genetics	4	BIOL 3034	General Microbiology	4
CHEM 2033	General Organic Chemistry	3	CHEM 2012	Quantitative Analysis	2
CHEM 2032	General Organic Chemistry Lab	2	CHEM 2112	Quantitative Analysis Lab	2
HIST 1313	U.S. to 1876	3	HIST 1323	The U.S.-1876 to Present	3
POSC 1113	American Government I	3	POSC 1123	American Government II	3

Language	SPAN 1013 or FREN 1013	3	Language	SPAN 1023 or FREN 1023	3
Total		18	Total		17

JUNIOR YEAR

First Semester		Hours	Second Semester		Hours
BIOL 3014	Human Physiology and Anatomy	4	BIOL 3024	Human Physiology and Anatomy	4
SPCH 1003	Fund. of Speech Communication	3	BIOL 3044	Immunology	4
PHYS 2113	General Physics I	3	PHYS 2123	General Physics II	3
PHYS 2111	General Physics Lab I	1	PHYS 2121	General Physics Lab II	1
	Visual and Performing Arts	3		Humanities	3
Total		18	Total		18

SENIOR YEAR

First Semester		Hours	Second Semester		Hours
				Medical Tech. Clinical Courses	30
CHEM 4033	Biochemistry	3			
CHEM 4042	Experimental Biochemistry Lab	2			
	Social and Behavioral Science	3			
BIOL 3064	Histology	4			
Total		12	Total		30

SPECIAL EMPHASIS PROGRAMS

The following electives should be selected to prepare for the specialized fields listed.

Pre-medicine and Pre-dentistry

The minimum requirements for admission to medical or dental school include average scores on the Medical School Admission Test (MCAT) or Dental Aptitude Test (DAT) and the satisfactory completion of 90 semester hours of the premedical or pre-dental curriculum with average or better grades.

Candidates for admission are evaluated on the basis of their academic background, ability to succeed in professional school, integrity, psychological stability, motivation, judgment, and resourcefulness. The admissions committee will also evaluate the recommendations of the premedical advisory committee.

Students must apply to medical or dental school by June 1, one year in advance of their expected entrance. They are therefore advised to take the MCAT or DAT by the spring of their junior year. The new MCAT and DAT are given in the spring or fall. Packets containing information needed to register for the tests are available from the chief health professions advisor in the Department of Biology or by going to the web site for:

MCAT Registration

Association of American Medical Colleges

Mcat@aamc.org or www.aamc.org/mcat

DAT Registration

Association of American Dental Schools

New MCAT Registration

American College Testing

Program

P.O. Box #414

Iowa City, IA 52240

(319) 337-1305

DAT Registration

Div. of Educational Measurements

Council on Dental Education

American Dental Association

211 East Chicago Avenue

Chicago, IL 60611

(312) 440-2689

The premedical curriculum qualifies students to apply to schools of medicine, dentistry, pharmacy, podiatry, optometry, and graduate studies. The curriculum enables students to complete the MCAT preparatory course by the spring of their junior year. Students are encouraged to attend at least one summer session to ensure completion of necessary courses prior to the summer of their junior year. The biology department conducts a summer academic enrichment program, the Premedical Concepts Institute, which offers incoming freshman the opportunity to earn semester credit hours in the freshman biology required for biology majors. Applications for the summer program may be obtained from the biology department.

Medical Early Admission Program

The University of Texas Medical branch at Galveston has established an early acceptance program for Prairie View A & M University pre-medical students from economic or educationally disadvantaged backgrounds that have a high school GPA of #.25 or higher and a SAT of 1,000 or SAT of 22. The program is the Early Medical School Acceptance Program (EMSAP). Contact Dr. George E. Brown at E-mail george_brown@pvamu.edu

Dental School Early Admission Programs

The University of Texas Dental School at San Antonio, Baylor College of Dentistry in Dallas, The University of Texas Dental Branch at Houston and the University of Iowa Dental School in Iowa City, Iowa have established early admission agreements with Prairie View A&M University. Students may apply for early admission to these schools after completing the first year of the biology curriculum for majors with a 3.0 or higher GPA. Applications may be obtained from the pre-dental advisor (Dr. Seab Smith). The application deadline is October 1 of the student’s sophomore year. The dental schools will evaluate each application and make the selections of students for interviews. The dental schools will also award early admission to a limited number of the qualified applicants. The admitted students will participate in pre-matriculation programs at the dental schools in the summers of their sophomore and junior years. In the senior year, the admitted students will have dual enrollment at Prairie View A&M University and the Dental School. However, the students will take first year dental school courses which will satisfy the biology B.S. degree requirements for the senior year of the special curriculum.

Pre-Veterinary Medicine

The pre-veterinary medicine curriculum provides the prerequisites for admission to professional veterinary medicine schools. The curriculum also leads to a Bachelor of Science degree in biology. Students in the pre-veterinary medicine program should apply to veterinary medical school at the beginning of their third year. Students should write to the Office of Admissions of the desired institution for information about specific admission requirements.

Most schools of veterinary medicine require either the Graduate Record Examination (GRE), Veterinary Admission Test (VAT), or Medical College Admission Test (MCAT). It is the students’ responsibility to determine which of these examinations is required by the institution to which they are seeking admission.

Requirements in Addition to Biology Degree Requirements	8 SCH
Mathematics: MATH 3003.....	3 SCH
Chemistry: CHEM 4033, 4042.....	5 SCH

Pre-veterinary medical students should contact the pre-vet faculty advisor, Dr. Halcyon Watkins in the Department of Biology.

Biology Teacher Preparation

Biology majors who plan to teach should follow the biology curriculum and the Teacher Certification Program in order to be eligible for certification as a teacher of biology, grades 7-12.

Student teaching is required of all students preparing to teach. Program prerequisites for student teaching should be completed before applying for student teaching. Additional information and the suggested curriculum for the Bachelor of Science degree with a Teacher Education option may be obtained from the biology teacher education faculty advisor, Dr. Seab Smith in the biology department.

Department of Chemistry

ADMINISTRATIVE OFFICER

Antoine F. Carty, *Interim Head, Organic Chemistry*

FACULTY

Laura Carson-Isabelle, *Polymer Science*

Larry L. Cole, *Organic Chemistry*

Vasant M. Doctor, *Biochemistry*

Hylton G. McWhinney, *Analytical Chemistry*

John R. Williams, *Physical Chemistry*

PURPOSE AND GOALS

Chemistry is the study of the composition, structure properties and transformation of matter. All aspects of our lives are affected by chemistry. Our food, clothes, transportation, habitat, medicine, and fuel are affected by discoveries in chemical research. The importance of understanding the chemical nature of our environment is critical, as we strive to comprehend issues, such as global warming, ozone depletion, and environmental bio-complexity. The need to replace existing industrial chemical processes with environmentally friendly processes requires significant efforts from chemical research. The B.S. program in Chemistry is designed so that undergraduate students are offered multidisciplinary versatility in the chemical sciences. It is further intended to provide a comprehensive and solid foundation in all the major areas of Chemistry, while offering a good measure of flexibility. The Department provides study and research experience to undergraduates through the use of modern instrumentation, mentoring, and interaction with faculty researchers. The B.S. degree prepares students for entering advanced degree programs in Chemistry, Biochemistry, and other fields, as well as professional schools, such as medicine and dentistry. The program also prepares students for careers in the chemical and environmental industries.

HONOR SOCIETIES, CLUBS, AND SERVICE ORGANIZATIONS

The William E. Reid Student Chapter of the *National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCHE)* introduces students to the professional chemistry environment in industry, academia, government, and business with special emphasis on the role of the minority chemist.

BACHELOR OF SCIENCE IN CHEMISTRY DEGREE PROGRAM REQUIREMENTS

Core Curriculum 42 SCH

All Chemistry Core Curriculum requirements are shown in the suggested degree program.

Foreign Language Requirements (one language) 12 SCH

Major Requirements 48 SCH

CHEM 1032, 1033, 1042, 1043, 2012, 2032, 2033, 2042, 2043, 2112, 3412, 3422, 3413, 3423, 4001, 4051, 4052, 4053, 4061, 4063, 4073

Students majoring in Chemistry must earn a minimum grade of “C” in all classes taken in their major disciplines.

Support Area Requirements 22 SCH

BIOL 1015 5 SCH

MATH 2024, 2034, 2043 12 SCH

PHYS 2511, 2521 (six semester hours of PHYS electives taken in core) 2 SCH

Computer Science Elective 3 SCH

Minor Requirements, minimum of.....18 SCH

Students may select the minor of their choice. They must satisfy the catalog requirements for the selected minor. Students selecting a minor in Chemistry must earn a minimum grade of “C” in all classes taken in their minor disciplines.

Total Degree Requirements 135 SCH

CHEMISTRY SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
CHEM 1033 General Inorganic Chemistry	3	CHEM 1043 General Inorganic Chemistry	3
CHEM 1032 General Inorganic Chemistry Lab	2	CHEM 1042 General Inorganic Chemistry Lab	2
PSYC 1113 General Psychology	3	MATH 1124 Calculus I	4
ENGL 1123 Freshman composition I	3	ENGL 1123 Freshman Composition II	3
HIST 1313 U.S. to 1876	3	HIST 1323 The U.S. 1876 to Present	3
SPCH 1003 Fund. of Speech Communication	3	ARTS 1203 Introduction to Visual Arts	3
Total	17	Total	18

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
CHEM 2033 General Organic Chemistry	3	CHEM 2043 General Organic Chemistry	3
CHEM 2032 General Organic Chemistry Lab	2	CHEM 2042 General Organic Chemistry Lab	2
MATH 2024 Calculus with Analytical Geom. II	4	MATH 2034 Calculus III	4
		CHEM 2012 Quantitative Analysis	2
		CHEM 2112 Quantitative Analysis Lab	2
BIOL 1015 General Biology	5	Foreign Language	3
Total	17	Total	16

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
PHYS 2013 Engineering Physics I	3	PHYS 2023 Engineering Physics II	3
PHYS 2511 General Physic Lab 1	1	PHYS 2521 General Physics Lab II	1
Minor Elective (upper)	3	Minor Elective	3
COMP Elective	3	CHEM 3423 Physical Chemistry II	3
CHEM 3413 Physical Chemistry I	3	CHEM 3432 Physical Chemistry Lab II	2
CHEM 3422 Physical Chemistry Lab I	2	POSC 1123 American Government II	3
POSC 1113 American Government I	3	Minor Elective	3
Total	18	Total	18

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ENGL 2153 Introduction to Literature	3	CHEM 4033 Biochemistry	3
CHEM 4063 Inorganic Chemistry	3	Elective (Upper division)	3
Minor Elective	3	CHEM 4061 Research	1
Elective (Upper division)	3	Minor Elective	6
CHEM 4053 Instrumental Analysis	3	CHEM 4001 Journal in Reading and Chemical Literature	1
CHEM 4052 Instrumental Analysis Lab	2		
CHEM 4051 Research	1		
Total	18	Total	14

Department of Languages and Communications

ADMINISTRATIVE OFFICER

Dejun Liu, *Department Head*

FACULTY

Afif Arabi, *Communication*
Ozzie Banicki, *Communication*
Shannan Butler, *Communication*
Diljit K. Chatha, *English*
Alfredo Fernandez, *Spanish*
Blondell J. Freeman, *English*
John Harty, *English*
Carolina Henriquez, *Spanish*
Ymitri Jayasundera, *English*
Antonio Jocson, *English*
Robert Kirschten, *English*
Melinda McBee, *English*
James Palmer, *English*
Mehl Penrose, *Spanish*
Robert Rodriguez, *Spanish and French*
Lewis Smith, *Communication*
John P. Sullivan, *Spanish*
E. Joahanne Thomas-Smith, *English and Education*
Stella Thompson, *English*
Sarah Wakefield, *English*
Corinne Weisgerber, *Communication*
Eun-Ho Yeo, *Communication*

PURPOSE AND GOALS

The Department of Languages and Communications offers its students a liberal arts education emphasizing the acquisition of language and communication skills and the mastery of media techniques. The program's objective is to prepare students for a broad range of careers in language, literary specialties, interpersonal and mediated communication; to equip students with the skills and knowledge required for graduate and professional schools; and to provide communication services as a public service. Programs offered by the department include communication, English, and foreign languages which includes a major in Spanish and course offerings in French.

SPECIAL EMPHASIS OPTIONS

Students may select courses in Spanish or French to satisfy either general education requirements or the special foreign language requirements of degree programs, career options, and advanced academic programs.

The department houses computer, media and speech performance laboratories as well as audio, video animation and Internet media production facilities. Media facilities include public radio station, KPVU-FM, 91.3, a National Public Radio (NPR) affiliate, and university cable channels 20 and 35. Both facilities offer training opportunities in media production and performance for students, staff and volunteers. The television studio operates with broadcast cameras, master controls, and cable distribution. The journalism program provides advisors to the Panther student newspaper. This publication offers training opportunities for students interested in print media. Another publication *Ebon Dialect* is a literary journal created by this department.

HONOR SOCIETIES

The department sponsors chapters of the following national honor societies: Sigma Tau Delta, English; Alpha Mu Gamma, foreign languages; and Sigma Delta Pi, Spanish. Generally, these societies require that members have completed 18 semester hours with a B average in the discipline.

AFFILIATIONS

The department encourages membership in several honor societies and clubs for its majors. Qualified students may join S.P.J., P.R.S.S.A, Forensic Society, student chapter of American Advertising Federation and student chapter of N.A.B.J. The department has affiliations with/or participation in programs of such professional organizations as A.E.J.M.C., T.S.C.A., S.S.C.A., B.E.A., T.A.B.E., N.C.T.A., C.M.A., A.H.E.C.T.A., N.A.T.P.E., A.W.A., A.P.I., Freedom Forum, N.A.B., R.T.N.D.A., Academy of Motion Picture Arts and Sciences, A.S.N.E., Poynter Institute, Dow Jones Newspaper Fund, and N.C.A.

ACADEMIC STANDARDS AND ACADEMIC PROGRESS

Students selecting a major or minor in Communications, English, or Spanish must earn a minimum grade of “C” in all classes taken within their respective disciplines.

BACHELOR OF ARTS IN COMMUNICATIONS DEGREE PROGRAM REQUIREMENTS

Core Curriculum 42 SCH

All Communications Core Curriculum requirements are shown in the suggested degree program. In order to fulfill the 6 SCH of natural sciences requirements, students must take a BIOL, CHEM, PHYS, or PHSC sequence.

Foreign Language Requirements (one language) 12 SCH

Department Requirement 36 SCH

COMM 1013, 1103, 2913, 3003, 3213, 3703, 3713, 3813, 3823, 4003 and SPCH 2223, 2103.

Elective Sequence 15 SCH

PRINT: COMM 2313, 4313, 3423, 2423, 2603
RATV: COMM 3103, 4103, 2113, 2223, 4303
COMM Studies: SPCH 2113 or 2013, 2103, 3223, 4013 and 4123

Minor Requirements 18-24 SCH

Communications majors are required to select a minor of their choice. They must satisfy the catalog requirements for the selected minor.

Unrestricted Electives 6 SCH

Electives may be chosen from COMM, SPCH, ENGL, SPAN, or other courses as approved by the department head.

Total Degree Requirements 129 SCH

Professional Internships. COMM 3003 and COMM 4003 are professional internships required of all new communication majors except those majoring in speech communication, for whom a forensics practicum is available. Interns are placed in both on-campus and off-campus communication settings to gain practical experience.

Departmental Career Seminars. These seminars (scheduled customarily on the last Monday of each month) are for language and communication majors, minors, faculty and staff. The sessions center on departmental, professional/career development issues and information. All majors are requested to attend.

Requirements for Communications as a Minor Field (other than COMM majors) 18 SCH

Requires a selection of any 18 SCH in the COMM or SPCH courses in consultation with Languages and Communications department head. Students must observe prerequisites for any selected courses.

COMMUNICATION SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

First Semester		Hours	Second Semester		Hours
ENGL 1123	Freshman Composition I	3	ENGL 1133	Freshman Composition II	3
HIST 1313	U.S. to 1876	3	HIST 1323	The U.S.-1876 to Present	3
COMM 1013	Introduction to Mass Communication	3	COMM 1103	Mass Media Writing	3
COMP 1003	Introduction to Computer Education	3	SPCH 1003	Fund. of Speech Communication	3
	Visual and Performing Arts	3	MATH 1113	College Algebra	3
Total		15	Total		15

SOPHOMORE YEAR

First Semester		Hours	Second Semester		Hours
COMM 2313	News Writing and Reporting I	3	POSC 1123	American Government II	3
Or COMM 2113	Broadcast Writing I			Minor Electives	3
Or SPCH 2113	Argumentation and Debate		SPCH 2103	Interpersonal Communication	3
POSC 1113	American Government I	3	COMM 2603	Photojournalism	3
SPCH 2013	Voice and Diction	3	Or COMM 2223	Broadcast Writing II	
COMM 2913	Communication Technology	3	Or SPCH 2223	Small Group Communication	
Language	SPAN 1013 or FREN 1013	3	Language	SPAN 1023 or FREN 1023	3
	Minor Elective	3			
Total		18	Total		15

JUNIOR YEAR

First Semester		Hours	Second Semester		Hours
COMM 3103	Media Production I	3	COMM 3703	Society and Mass Media	3
Or SPCH 3223	Persuasion		COMM 3003	Professional Internship I	3
Or COMM 2423	Copy Editing and Production		COMM 3213	Media Management	3
COMM 3713	Communication Law	3	Language	SPAN 2023 or FREN 2023	3
COMM 3823	Principles of Public Relations	3	COMM 3813	Principles of Advertising	3
Language	SPAN 2013 or FREN 2013	3		Natural Science	3
	Social and Behavioral Science	3			
	Natural Science	3			
Total		18	Total		18

SENIOR YEAR

First Semester		Hours	Second Semester		Hours
COMM 4313	News Writing and Reporting II	3	COMM 4003	Professional Internship II	3
Or COMM 4303	Broadcast Performance		COMM 3423	Feature and Magazine Writing	3
Or SPCH 4013	Business and Professional Speaking		Or COMM 4103	Media Production II	
	Minor Electives	9	Or SPCH 4132	Organizational Communication	
	Unrestricted Elective	3		Unrestricted Elective	3
				Minor Electives	6
Total		15	Total		15

BACHELOR OF ARTS IN ENGLISH DEGREE PROGRAM REQUIREMENTS

Core Curriculum **42 SCH**

All English Core Curriculum requirements are shown in the suggested degree program.

In order to fulfill the 6 SCH of natural sciences requirements, students must take a BIOL, CHEM, PHYS, or PHSC sequence.

Foreign Language Requirements (one language) **12 SCH**

Major Requirements **33 SCH**

ENGL 3213, 3223, 4223 and 24 hours above freshman level

Minor Requirements **18-24 SCH**

English majors are required to select a minor of their choice. They must satisfy the catalog requirements for the selected minor.

Unrestricted Electives **15 SCH**

Unrestricted Elective hours may be reduced if minor requires more than 18 SCH

Total Degree Requirements **120 SCH**

Requirements for English as a Minor Field **24 SCH**

ENGL 3213, 3223, 4223, and 15 hours above freshman level

ENGLISH SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
ENGL 1123 Freshman Composition I	3	ENGL 1133 Freshman Composition II	3
MATH 1113 College Algebra	3	Natural Science	3
Natural Science	3	HIST 1323 The U.S.-1876 to Present	3
SPCH 1003 Fund. of Speech Communication	3	Visual and Performing Arts	3
HIST 1313 U.S. to 1876	3	COMP 1003 Introduction to Computer Education	3
Total	15	Total	15

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
POSC 1113 American Government I	3	POSC 1123 American Government II	3
Language SPAN 1013 or FREN 1013	3	Language SPAN 1023 or FREN 1023	3
ENGL 2143 Advanced Composition	3	ENGL 2263 English Literature I	3
ENGL 2153 Introduction to Literature	3	ENGL 2273 English Literature II	3
Unrestricted Elective	3	Unrestricted Elective	3
Total	15	Total	15

JUNIOR YEAR					
First Semester		Hours	Second Semester		Hours
ENGL 3223	Advanced Grammar	3		Social and Behavioral Science	3
ENGL 3233	American Literature I	3	ENGL 3243	American Literature II	3
Language	SPAN 2013 or FREN 2013	3	ENGL 3213	English Language	3
	Unrestricted Elective	3	Language	SPAN 2023 or FREN 2023	3
	Minor Elective	3		Minor Elective	3
Total		15	Total		15

SENIOR YEAR					
First Semester		Hours	Second Semester		Hours
ENGL 4223	Shakespeare	3	ENGL 4243	The Novel	3
ENGL 4233	Medieval Literature	3		Minor Electives	6
	Minor Electives	6			
	Unrestricted Elective	3		Unrestricted Elective	3
				ENGL Elective	3
Total		15	Total		15

BACHELOR OF ARTS IN SPANISH DEGREE PROGRAM REQUIREMENTS

Core Curriculum **42 SCH**

All Spanish Core Curriculum requirements are shown in the suggested degree program. In order to fulfill the 6 SCH of natural sciences requirements, students must take a BIOL, CHEM, PHYS, or PHSC sequence.

Foreign Language Requirements **12 SCH**

Major Requirements **30 SCH**

SPAN 3093, 3203, 3213, 4003, and 18 semester credit hours above the sophomore level

Minor Requirements **18-24 SCH**

Unrestricted Electives **18 SCH**

Unrestricted Electives may be reduced if the minor requires more than 18 SCH.

Total Degree Requirements **120 SCH**

Requirements for Spanish as a Minor Field **18 SCH**

Hours selected from courses above sophomore level. A six-week study in a Spanish-speaking country is recommended.

SPANISH SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
ENGL 1123 Freshman Composition I	3	ENGL 1133 Freshman Composition II	3
MATH 1113 College Algebra	3	Natural Science	3
		SPAN 1023 Elementary Spanish II	3
SPCH 1003 Fund. of Speech Communication	3	COMP 1003 Introduction to Computer Education	3
SPAN 1013 Elementary Spanish I	3	Visual and Performing Arts	3
Total	15	Total	15

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
HIST 1313 U.S. to 1876	3	HIST 1323 The U.S.-1876 to Present	3
POSC 1113 American Government I	3	POSC 1123 American Government II	3
ENGL 2143 Advanced Composition	3	SPAN 2023 Intermediate Spanish II	3
SPAN 2013 Intermediate Spanish I	3	ENGL 2153 Introduction to Literature	3
Unrestricted Elective	3	Unrestricted Elective	3
Total	15	Total	15

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
SPAN 3023 Survey of Spanish Literature I	3	SPAN 3033 Survey of Spanish Literature II	3
SPAN 3063 Spanish American Literature I	3	SPAN 3213 Spanish Composition	3
SPAN 3203 Spanish Conversation	3	SPAN 3073 Spanish American Literature II	3
Minor Electives	6	Minor Electives	6
Total	15	Total	15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
SPAN 3093 Hispanic Civilization and Culture I	3	SPAN 4003 Hispanic Civilization and Culture II	3
SPAN 4063 Applied Linguistics	3	Spanish Elective	3
Unrestricted Elective	3	Unrestricted Electives	9
Minor electives	6		
Total	15	Total	15

Department of Mathematics

ADMINISTRATIVE OFFICER

Aliakbar M. Haghighi, *Professor & Department Head, Probability & Statistics*

FACULTY

Neslon Butuk, *Applied Mathematics*
Arouna R. Davies, *Operations Research*
Laurette B. Foster, *Mathematics Education*
Freddie L. Frazier, *Mathematics Education*
Frank T. Hawkins, *Mathematics Education*
Natalia Hritonenko, *Optimization & Modeling*
Vera C. King, *Mathematics Education*
Dimitar Michev, *Differential & Difference Equations*
n'Ekwunife Muoneke, *Computational Linear Algebra*
George A. Roberts, *Complex Analysis*
Evelyn E. Thornton, *Algebraic Topology*
Irfan Ul-Haq, *Modern Analysis*
Johnson Wetiba, *Statistics*

PURPOSE AND GOALS

The Department of Mathematics offers an innovative and comprehensive undergraduate program in mathematics from which a major may select one of four emphasis options: statistics, pure mathematics, applied mathematics and mathematics teaching. Students are encouraged to be creative in putting together a course of study that will lead to the fulfillment of individual professional goals. The curricula are rigorous and demanding but flexible enough to allow students to sample several disciplines or to focus on a special interest within the major area. Faculty advisors are available to assist the students on a continual basis to ensure proper course selection toward graduation and relative to career goals.

SPECIAL EMPHASIS OPTIONS

The following special emphasis options in mathematics allow students to select electives in special areas of professional interest:

Statistics	Pure Mathematics	Applied Mathematics	Mathematics Teaching*
MATH 3033	MATH 4203	MATH 4203	MATH 3033
MATH 3043	MATH 4053	MATH 4043	MATH 3103
MATH 4043	MATH 4083	MATH 4073	MATH 3933
MATH 4073	MATH 4093	MATH 4083	MATH 4003
MATH 4083	MATH 4213	MATH 4133	MATH 4053
MATH 4093	MATH 4113	MATH 4223	MATH 4083
COMP 3053	MATH 4223	MATH 4063	COMP 3213
COMP 4943	COMP 4943	COMP 4943	COMP 4943

*The College of Education will identify certification requirements for teaching in the public schools.

The requirements for each program option include proficiency in MATH 1124 and MATH 2024 as prerequisites to the mathematics core courses.

HONOR SOCIETIES AND CLUBS

Beta Kappa Chi The purpose of *Beta Kappa Chi* is to advance scientific education through original investigations, the dissemination of scientific knowledge, and the stimulation of scholarship in the pure and applied sciences. Membership is open to students in the upper fifth of their college class who have completed at least 45 semester credit hours of college work. Seventeen of these hours must be in one of the sciences recognized by the society, with a minimum grade point average of B in the sciences and a minimum general college average of “B”.

Pi Mu Epsilon Students eligible for membership in *Pi Mu Epsilon*, a national honor society, include: sophomore honor students with a grade point average of 4.00 in mathematics (including two courses in calculus); juniors and seniors with a minimum grade point average of 3.00 in mathematics and a general scholastic average of at least 2.80; and graduate students in the department.

The Mathematics Club Membership in *The Mathematics Club* is expected of all mathematics majors and is open to mathematics minors and any other students interested in enhancing their personal, interpersonal and academic growth. The Club promotes unity and support among members. During each club year, activities focus on leadership development, group study, research skills, and a continual update on pre-service, career opportunities in mathematics, and related areas.

DEPARTMENTAL REGULATIONS FOR PLACEMENT AND ACADEMIC PROGRESS

Academic Placement

Mathematics majors and minors are placed in freshman mathematics courses according to scores earned on a mathematics-qualifying test. An entering student with a strong background is encouraged to take advanced placement tests, since high scores on these examinations may exempt students from certain freshman courses.

Pre-requisite Requirement

All mathematics pre-requisite courses must be passed with a grade of “C” or better.

Academic Standards

Mathematics majors are expected to maintain high standards of academic achievement. All major requirements must be maintained with no letter grade below a “C.”

Minor Requirement for Mathematics Majors

Mathematics majors are required to select a minor of their choice. They must satisfy the catalog requirements for the selected minor.

BACHELOR OF SCIENCE IN MATHEMATICS DEGREE PROGRAM REQUIREMENTS

Core Curriculum	42 SCH
Foreign Language Requirements (one language)	12 SCH
Major Requirements	35 SCH
MATH 2034, 2043, 2053, 3013, 3023, 3073, 4001, 4063, 4083, and 9 semester hours of approved 3000 and 4000 level mathematics.	
Support Area	14 SCH
COMP 1211 and 1213, 1221 and 1223, 1143	11 SCH
ENGL 2143	3 SCH
Minor and Free Electives	30 SCH
Total Degree Requirements	13 SCH
Minor Requirements of Mathematics as a Minor	23 SCH
MATH 2024, 2034, 2053, and 12 semester hours of approved 3000- and 4000-level courses.	

MATHEMATICS SUGGESTED DEGREE PROGRAM SEQUENCE (BASED ON 133 SCH)

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ENGL 1123 Freshman Composition I	3	ENGL 1133 Freshman Composition II	3
MATH 2034 Calculus III	4	COMP 1143 C++ Programming Language	3
SPCH 1003 Fundamentals of Speech Comm.	3	MATH 2043 Differential Equations I	3
POSC 1113 American Government I	3	Science Seq. PHSC/BIOL/CHEM	3
COMP 1013 Introduction to Computer Science	3	POSC 1123 American Government II	3
		HIST 1313 U.S. to 1876	3
Total	16	Total	18

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
HIST 1323 The U.S.-1876 to Present	3	ENGL 2153 Introduction to Literature	3
MATH 2053 Discrete Math	3	Visual and Performing Arts Other Behavioral or Social Science Option	3
Science Seq. PHSC/BIOL/CHEM	3	Language Seq. SPAN or FREN	3
Language Seq. SPAN or FREN	3	COMP 1223 Computer Science II	3
COMP 1213 Computer Science I	3	COMP 1221 Computer Science Lab II	3
COMP 1211 Computer Science Lab I	1		
Total	16	Total	18

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MATH 3023 Probability and Statistics	3	MATH 4001 Math Colloquium	4
MATH 3073 Linear Algebra	3		
		MATH 4123 4043 Introduction to Topology Mathematical Statistics	3
ENGL 2143	3	Language Seq. SPAN or FREN	3
Free Elective / Minor	6	Free Elective / Minor	7
		MATH 3013 Modern Algebra	3
Language Seq. SPAN or FREN	3		
Total	18 15	Total	16

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MATH 4001 Math Colloquium	1	MATH 4003 Math Modeling & Applications	3
Free Elective / Minor	12	Free Elective / Minor	6
MATH 4083 Advanced Calculus I	3	MATH 4063 Numerical Analysis	3
		3000 or 4000 level Math	3
Total	16	Total	16

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MATH 3023 Probability and Statistics	3	MATH 4001 Math Colloquium	4

Department of Music and Drama

ADMINISTRATIVE OFFICER

Danny R. Kelley, *Department Head*

FACULTY

George W. Edwards, *Woodwinds, Music Theory, Band*
Larry E. Jones, *Percussion, Music Theory, Band, Music Appreciation*
William Mann, *Low Brass*
William McQueen, *Band, Music Appreciation*
Christine E. Moore, *Strings*
Vicki A. Seldon, *Piano, Music History, Music Literature*
A. Jan Taylor, *Choir, Music Theory, Piano, Music Education*
Clarence L. Turner, *Drama*
Leon Turner, *Voice, Diction, Opera*
Lucius R. Wyatt, *Music Theory, Trumpet, Band*

PURPOSE AND GOALS

The Department of Music and Drama is committed to a unified effort in the promotion of artistic curricular and extra-curricular activities.

The drama program offers a degree plan leading to the Bachelor of Arts degree for students preparing for professional careers in the theatre or in theatre-related areas, or for graduate work in theatre. The teacher certification program in drama is approved by the Texas Education Agency.

The music program offers curricula in music, applied music, and music education. The curriculum in applied music prepares students for a career in musical performance, while the all-level music teacher certification curriculum is intended for those seeking careers in music teaching. The music curriculum leading to the Bachelor of Arts degree requires a minor subject area. It is designed for those seeking a broad-based education with a concentration in music.

The objectives of the Drama Program are:

- 1) To offer students the courses and training necessary for work as professionals in theatre related areas, and for careers as teachers of drama;
- 2) To provide students with the leadership, and practical experience necessary for the achievement of excellence in theatre arts through the department's performing arts troupes and the Charles Gilpin Players
- 3) To develop the students' understanding of drama and theatre history as it reflects various cultures and societies;
- 4) To introduce non-theatre majors to theatre and foster cultural enhancement on campus and throughout the university community through theatrical productions.

The objectives of the Music Program are:

- 1) To prepare students for professional careers in music and for graduate study in music;
- 2) To provide effective musical experiences in an educational environment that stimulates academic and musical development. These experiences include solo and ensemble performance experiences;
- 3) To transmit to students the heritage of Western music through studies in music history and literature, theory, applied music and performances in recitals;
- 4) To present musical performances on the university campus for cultural enhancement; and
- 5) To provide general music instruction to non-music majors at the university.

VISUAL AND PERFORMING ARTS ELECTIVES FOR NON-MAJORS

The following courses are offered to non-majors as electives, or for the satisfaction of the core curriculum requirement in the visual and performing arts:

DRAM 1103 Introduction to Theatre
DRAM 2113 Theatre History I
DRAM 2123 Theatre History II
MUSC 1313 Music in Contemporary Life
MUSC 2333 Afro-American Music
MUSC 1213 Fundamentals of Music
MUSC 1223 Fundamentals of Music

HONOR SOCIETIES, CLUBS, AND PERFORMING ORGANIZATIONS

All students at Prairie View A&M University are invited to participate in the performing organizations in the department: the Charles Gilpin Players, the University Chorale, the Marching Band, the Symphonic Band, the Brass Ensemble, and the Percussion Ensemble.

1. *Alpha Psi Omega*. The national honorary society in drama.
2. *Brass Ensemble*. An ensemble devoted to the performance of music written for brass instruments.
3. *Charles Gilpin Players*. The performing arts organization of the drama program.
4. *Critics and Historians Club*. Drama Majors who review plays, films, and television productions, and research various aspects of theatre.
5. *Jazz Band*. An ensemble devoted to the performance of jazz music.
6. *Kappa Kappa Psi Fraternity*. The national honorary band fraternity.
7. *Mu Alpha Sigma*. The honorary society in music.
8. *Music Educators' National Conference (Student Chapter)*. The professional organization for students seeking careers in music teaching.
9. *Percussion Ensemble*. An ensemble devoted to the performance of music written for percussion instruments.
10. *Playwrights Horizon*. Drama Majors interested in playwriting.
11. *Phi Mu Alpha Sinfonia*. A national honorary society in music.
12. *Tau Beta Sigma Sorority*. The national honorary band sorority.
13. *The Director's Group*. Drama Majors who are interested in directing. Formal training in directing required for membership.
14. *The Ever-Ready Players*. Drama Majors who tour special shows for civic, educational, fraternal and religious organizations.
15. *The Production Club*. Drama Majors who are interested in the business aspect of theatre including Stage Management, Box Office, House Management, and Public Relations.
16. *The Theatre Journalists*. Drama majors who write and put together the monthly theatre newspaper, "The Penny Press Gazette".
17. *Theater Crafts Designers*. Drama Majors who have a special interest in costume design, scene design, lighting design, makeup design, prop construction, and sound design.
18. *University Chorale*. An ensemble devoted to the performance of choral music.
19. *University Marching Band*. An ensemble organized to present performances at the university's football games, parades, and other events.
20. *University Symphonic Band*. A musical organization devoted to the performance of music written for wind band.

DRAMA PROGRAM

Admission Requirements and Regulations for Academic Progress

In addition to meeting the general university core requirements and foreign language requirements drama majors and minors must earn a minimum grade of "C" in Drama course in the respective degree plan and fulfill the following requirements to enter the program, remain in the program and/or graduate from the program:

Audition: Each drama student must have an audition/interview before the faculty. Auditions/interviews will be held during the Fall and Spring semesters prior to entry, during the summer prior to entry and/or during freshman orientation.

Project Requirements: Each student in drama with a performance emphasis is required to showcase his/her talent each year to demonstrate growth as an actor. The NEW FACES SHOW spotlights incoming freshmen and transfer students. The SOPHOMORE PROJECT is a two person scene plus a monologue by each scene member with a time limit of fifteen minutes. The JUNIOR PROJECT is a one person show approved by the faculty of thirty to forty-five minutes. The SENIOR PROJECT is an approved performance recital of one hour. Additional requirements are listed in the drama students' handbook.

Participation in Performance Troupes: Each drama major with a performance emphasis is required to be actively involved in at least two of the seven performance troupes each semester. The troupes are Readers' Theatre, Theatre for Youth, Church Drama, Mime/ Movement, Variety, Singing, and Dance.

Semester Review. Each student is required to be evaluated by a faculty member each semester. Mid-semester (nine weeks) evaluations may be held when necessary.

Upper-Level Review: During the fourth semester of theatre courses, all drama majors will be evaluated. This evaluation determines whether or not the student will be admitted to upper-level courses in drama.

Drama Majors: Students majoring in drama with a performance emphasis must receive approval of the acting faculty prior to entering the upper-level performance courses. Students must then earn a grade of B or above in all performance courses. Those who earn a grade below B must repeat the course to receive credit.

Transfer Credit: Students transferring from other institutions must validate their standings in theatre arts through an audition/interview for a performance emphasis or through a portfolio/interview for other theatre options.

Practicum: All drama majors must take theatre practicum each semester that they are drama majors.

Attendance at Performances, Workshop, and Seminars: All drama majors are required to attend everything sponsored by the drama program.

Crew Requirements: Students will work a minimum of two hours crew each day Monday through Friday. Students should also be prepared to work weekends should the need arise. Crew time will be calculated weekly. All privileges will be eliminated if crew is not done. Privileges include using the facilities and equipment, touring with the department, and appearing in any of the Drama Program's productions.

Committee Requirements: Students will be required to work on one of the five committees. The committees are Cultural Arts, Hospitality, Public Relations, Fund Raising, and Entertainment.

Dem-Lab: A required weekly meeting of all drama majors on Fridays for the purpose of lecture demonstrations, special performances, visiting artists, troupe shows, etc. Each drama major with a performance emphasis is required to perform at least one time each semester.

BACHELOR OF ARTS IN DRAMA DEGREE PROGRAM REQUIREMENTS

Core Curriculum **42 SCH**
All Drama Core Curriculum requirements are shown in the suggested degree program.

Departmental Foreign Language Requirement (one language) **12 SCH**

Major Requirements (Performance Emphasis With No Minor)..... 66 SCH
 DRAM 1003, 1013, 1103, 1113, 1203, 1323, 1111, 1121, 2013, 2113, 2213 or 2223,
 2303, 2111, 2121, 3013, 3103, 3113, 3123, 3213, 3223, 3333, 3111, 3121, 4113, 4313,
 4403, 4441, 4111, 4121

Electives..... 10 SCH
 Drama students are required to take 4 hours of HUPF: Dance

Total Degree Requirements..... 130 SCH

Requirements for Drama as a Minor Field (Performance)..... 29 SCH
 Students who wish to minor in theatre (performance) must complete twenty-nine (29)
 hours of course work. The student must consult with the Theatre Arts Program
 Coordinator before enrolling in any theatre courses.

DRAMA PERFORMANCE SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
ENGL 1123	Freshman Composition I	3	ENGL 1133	Freshman Composition II	3
MATH 1113	College Algebra	3	COMP 1003	Introduction to Computer Education	3
DRAM 1013	Stage Diction	3	DRAM 1113	Introduction to Theatre Technology	3
DRAM 1103	Introduction to Theatre	3	DRAM 1203	Stage Craft	3
DRAM 1003	Introduction to Acting	3	DRAM 2013	Intermediate Acting	3
DRAM 1111	Theatre Practicum	1	DRAM 1121	Theatre Practicum	1
HUPF 1031	Modern Dance I	1	HUPF 2011	Modern Dance II	1
Total		17	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
Language	SPAN 1013 or FREN 1013	3	Language	SPAN 1023 or FREN 1023	3
BIOL 1113	College Biology	3	DRAM 1323	Stage Movement	3
DRAM 2303	Stage Makeup	3	SPCH 1003	Fundamentals of Speech	3
DRAM 3013	Advanced Acting	3	DRAM 3333	Drama Workshop I	3
DRAM 2113	Theatre History I	3	DRAM 2123	Theatre History II	3
DRAM 2111	Theatre Practicum	1	DRAM 2121	Theatre Practicum	1
HUPF 1051	Tap Dance I	1	HUPF 2021	Tap Dance II	1
Or HUPF 1171	Modern Jazz I		Or HUPF 2071	Modern Jazz II	
Total		17	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
Language	SPAN 2013 or FREN 2013	3	Language	SPAN 2023 or FREN 2023	3
POSC 1113	American Government I	3	POSC 1123	American Government II	3
DRAM 4313	Acting Styles	3	DRAM 4403	Drama Workshop II	3
DRAM 3213	Directing I	3	DRAM 3223	Directing II	3
DRAM 3111	Theatre Practicum	1	DRAM 3121	Theatre Practicum	1
SOCG 1013	General Sociology	3	PHSC 1123	Physical Science Survey	3
Or SOCG 2003	Sociology of Minorities				
Total		16	Total		16

		SENIOR YEAR			
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
ENGL 2153	Introduction to Literature	3		Electives	6
DRAM 3103	Dramatic Interpretation	3	DRAM 4993	Independent Study	3
DRAM 3113	Contemporary Theatre	3	DRAM 3123	Contemporary Drama	3
DRAM 4113	Acting Problems	3	DRAM 4121	Theatre Practicum	1
DRAM 4111	Theatre Practicum	1	DRAM 4441	Senior Theatre Performance	1
HIST 1313	U.S. to 1876	3	HIST 1323	The U.S.-1876 to Present	3
Total		16	Total		17

Drama-Theatre Arts Certification

Students seeking certification for secondary school teaching must meet all requirements listed in the teacher certification section of this catalog. Admission requirements and advising materials are available from the Office of Teacher Certification in the College of Education.

MUSIC PROGRAMS

Admission Requirements and Regulations for Academic Progress

In addition to meeting the general university core requirements and foreign language requirements music majors and minors must earn a minimum grade of “C” in each music course in the respective degree plan and fulfill the following requirements to enter the program, remain in the program and/or graduate from the program:

Audition. Music students must audition before the faculty. Previous participation in bands, choirs, or orchestras and private study is helpful to entering students.

Music Theory Placement Examination. All new students in music are required to take the music theory placement examination.

Recital Requirements. A senior music recital is required of all students majoring in music. Junior and senior recitals are required of students majoring in applied music (performance). Applied music instructors may exercise the option to require a hearing prior to the recital to determine the readiness of the performer.

Piano Proficiency Examination. All students in music are required to pass the piano proficiency examination before proceeding to student teaching and before graduation. The examination should be taken after the completion of four semesters of piano. Students are advised to continue studying piano until the examination is passed.

Participation in Ensembles. All students in music are required to participate in large ensembles for eight semesters. Large ensembles are defined as the University Band and University Chorale. Generally, instrumental majors participate in the marching band for four semesters and in the symphonic band for four semesters. Students may receive additional credits through participation in the Chamber Vocal Ensemble, Jazz Band, Brass Ensemble, and Percussion Ensemble.

Music Seminar. Music students are required to attend weekly music seminars. Since the music seminar is adjunctive to the applied music courses, students will be graded as to their attendance and participation through their enrollment in the applied music courses.

Attendance at Concerts and Recitals. Music students are required to attend all music concerts and recitals presented by the department.

Semester Applied Music Examinations. Each student is required to perform before a faculty committee for evaluation at the end of each semester.

Applied Music Studies: Applied Music. (Performance) Majors. Students majoring in applied music (performance) must receive departmental approval prior to entering the applied music program. Students must then receive the grade of B or above in all applied music courses. Those who earn a grade below B must repeat the course to receive credit.

Transfer Credits. Students transferring from other institutions must validate their standing in applied music through a music audition and their standing in music theory through the music theory placement examination.

Recommended Foreign Languages for Music Majors. Since all majors in the College of Arts and Sciences Department of Music and Drama are required to complete twelve semester hours of a foreign language, the recommended languages for music majors are French or Spanish.

BACHELOR OF ARTS IN MUSIC DEGREE PROGRAM REQUIREMENTS

Core Curriculum **42 SCH**
 All Music Core Curriculum requirements are shown in the suggested degree program.

Departmental Foreign Language Requirement **12 SCH**

Major Requirements **62 SCH**
 Applied Music (piano, voice, wind, or percussion instruments), Large Ensemble (band or choir).
 MUSC 1212, 1222, 1243, 1531, 1541, 2212, 2213, 2222, 2223, 2312, 2322, 2511, 2521, 3212, 3222, 3313, 3323; Music Elective

Support Area and Minor Requirements **18 SCH**
 Elective Minor

Total Degree Requirements **134 SCH**

Minor Field Requirements **20 SCH**
 Students who wish to minor in music must consult with a music faculty advisor for information before enrolling in music courses. Previous participation in band, choir, and orchestra is desirable, but not mandatory.

Applied Music 4 SCH
 MUSC 1213, 1223 or 1233 or 1243 6 SCH
 MUSC 2312, 2322 or 2333 4 SCH
 (Music History, Music Literature Afro-American Music)
 Ensemble 4 SCH
 Piano 2 SCH

MUSIC SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR					
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
MUSC	Applied Music	2	MUSC	Applied Music	2
MUSC 1233	Music Theory	3	MUSC 1243	Music Theory	3
MUSC 1212	Sight Sing/Ear Train I	2	MUSC 1222	Sight-Sing/Ear Train II	2
MUSC 1531	Piano (Secondary)	1	MUSC 1541	Piano (Secondary)	1
MUSC	Large Ensemble	1	MUSC	Large Ensemble	1
ENGL 1123	Freshman Composition I	3	ENGL 1133	Freshman Composition II	3
SPCH 1003	Fund. of Speech Communication	3	HIST 1313	U.S. to 1876	3
POSC 1113	American Government I	3	POSC 1123	American Government II	3
Total		18	Total		18

SOPHOMORE YEAR

<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
MUSC	Applied Music	2	MUSC	Applied Music	2
MUSC 2213	Music Theory	3	MUSC 2223	Music Theory	3
MUSC 2212	Sight Sing/Ear Train III	2	MUSC 2222	Sight Sing/Ear Train IV	2
MUSC 2312	Music Literature	2	MUSC 2521	Piano (Secondary)	1
MUSC	Large Ensemble	1	MUSC	Large Ensemble	1
MUSC 2511	Piano (Secondary)	1	MUSC 2322	Music Literature	2
	Natural Science	3		Social and Behavioral Sciences	3
Language	SPAN 1013 or FREN 1013	3	Language	SPAN 1023 or FREN 1023	3
Total		17	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
MUSC	Applied Music	2	MUSC	Applied Music	2
MUSC 3212	Analysis of Music	2	MUSC 3222	Analysis of Music	2
	Natural Science	3	MUSC	Large Ensemble	1
Language	SPAN 2013 or FREN 2013	3	MUSC 3323	Music History	3
MUSC 3313	Music History	3	Language	SPAN 2023 or FREN 2023	3
MUSC	Ensemble	1	MUSC	Music Elective	3
HIST 1323	The U.S.-1876 to Present	3	MATH 1113	College Algebra	3
Total		17	Total		17

SENIOR YEAR

<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
MUSC	Applied Music	2	MUSC	Applied Music	2
MUSC	Large Ensemble	1	MUSC	Large Ensemble	1
	Electives (Minor)	9		Electives (Minor)	9
	Computing	3	ENGL 2153	Introduction to Literature	3
Total		15	Total		15

APPLIED MUSIC PROGRAM

The following courses are in the curricula of the Applied Music Program, which includes Piano, Voice, Brass, Woodwind, and Percussion.

	<i>Piano</i>	<i>Voice</i>	
MUSC	1531-1512-1513	1632-1613	
MUSC	1541-1522-1523	1642-1623	
MUSC	2511-2512-2513	2632-2613	
MUSC	2521-2522-2523	2642-2623	
MUSC	3512-3513	3612-3613	
MUSC	3522-3523	3622-3623	
MUSC	4512-4513	4612-4613	
MUSC	4522-4523	4622-4623	
	<i>Brass</i>	<i>Woodwind</i>	<i>Percussion</i>
MUSC	1712-1713	1812-1813	1912-1913
MUSC	1722-1723	1822-1823	1922-1923
MUSC	2712-2713	2812-2813	2912-2913
MUSC	2722-2723	2822-2823	2922-2923
MUSC	3712-3713	3812-3813	3912-3913
MUSC	3722-3723	3822-3823	3922-3923
MUSC	4712-4713	4812-4813	4912-4922
MUSC	4722-4723	4822-4823	4913-4923

Piano - Private lessons. The study of selected solo literature, together with technical etudes for the piano.

Voice - Private lessons. The study of selected solo literature, together with related studies for the voice.

Brass - Private lessons. The study of selected solo literature, together with technical etudes for brass instruments (trumpet, French horn, trombone, euphonium, and tuba).

Woodwinds - Private lessons. The study of selected solo literature, together with technical etudes for woodwind instruments (flute, oboe, clarinet, saxophone, and bassoon).

Percussion -Private lessons. The study of selected solo literature, together with technical etudes for percussion instruments.

**BACHELOR OF MUSIC DEGREE WITH A MAJOR IN APPLIED MUSIC - VOICE
(PERFORMANCE) REQUIREMENTS**

Core Curriculum 42 SCH
All Music Core Curriculum requirements are shown in the suggested degree program.

Departmental Foreign Language Requirements (one language)..... 12SCH

Major Requirement..... 86 SCH

Total Degree Requirements 140 SCH

APPLIED MUSIC VOICE (PERFORMANCE) SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MUSC Applied Music	3	MUSC Applied Music	3
MUSC 1233 Music Theory	3	MUSC 1243 Music Theory	3
MUSC 1212 Sight Sing/Ear Train I	2	MUSC 1222 Sight-Sing/Ear Train II	2
MUSC 1531 Piano (Secondary)	1	MUSC 1541 Piano (Secondary)	1
MUSC Large Ensemble	1	MUSC Large Ensemble	1
ENGL 1123 Freshman Composition I	3	ENGL 1133 Freshman Composition II	3
SPCH Fund. of Speech Communication	3	HIST 1313 U.S. to 1876	3
MUSC 1621 German Diction	1		
Total	17	Total	16

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MUSC Applied Music	3	MUSC Applied Music	3
MUSC 2213 Music Theory	3	MUSC 2223 Music Theory	3
MUSC 2212 Sight Sing/Ear Train III	2	MUSC 2222 Sight Sing/Ear Train IV	2
MUSC 2312 Music Literature	2	MUSC 2521 Piano (Secondary)	1
MUSC Large Ensemble	1	MUSC Large Ensemble	1
MUSC 2511 Piano (Secondary)	1	MUSC 2322 Music Literature	2
	3	Natural Science	3
MUSC 1631 Italian Diction	1	ENGL 2153 Introduction to Literature	3
Total	16	Total	18

Music and Drama Programs and Degree Plans

		JUNIOR YEAR			
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
MUSC	Applied Music	3	MUSC	Applied Music	3
MUSC 3313	Music History	3	MUSC 3323	Music History	3
MUSC 3212	Analysis of Music	2	MUSC 3222	Analysis of Music	2
MUSC	Large Ensemble	1	MUSC	Large Ensemble	1
Language	SPAN 1013 or FREN 1013	3	Language	SPAN 1023 or FREN 1023	3
POSC 1113	American Government I	3	POSC 1123	American Government II	3
MUSC 1611	French Diction	1	HIST 1323	The U.S.-1876 to Present	3
Total		16	Total		18

		SENIOR YEAR			
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
MUSC	Applied Music	3	MUSC	Applied Music	3
MUSC	Large Ensemble	1	MUSC	Large Ensemble	1
	Social and Behavioral Sciences	3	MISY 1013	Intro. To Management Info. Systems	
MUSC 3632	Opera	2	MUSC 4632	Opera	2
MUSC 3232	Counterpoint	2	MUSC 3242	Counterpoint	2
Language	SPAN 2013 or FREN 2013	3	Language	SPAN 2023 or FREN 2023	3
MATH 1113	College Algebra	3			
Total		17	Total		14

**BACHELOR OF MUSIC DEGREE WITH A MAJOR IN APPLIED MUSIC - PIANO
(PERFORMANCE) REQUIREMENTS**

Core Curriculum 42 SCH

All Music Core Curriculum requirements are shown in the suggested degree program.

Departmental Foreign Language Requirements (one language)..... 12 SCH

Major Requirement..... 85 SCH

Total Degree Requirements 136 SCH

APPLIED MUSIC PIANO (PERFORMANCE) SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MUSC Applied Music	3	MUSC Applied Music	3
MUSC 1233 Music Theory	3	MUSC 1243 Music Theory	3
MUSC 1212 Sight Sing/Ear Train I	2	MUSC 1222 Sight-Sing/Ear Train II	2
MUSC Large Ensemble	1	MUSC Large Ensemble	1
ENGL 1123 Freshman Composition I	3	ENGL 1133 Freshman Composition II	3
SPCH Fund. of Speech Communication	3	HIST 1313 U.S. to 1876	3
Total	15	Total	15

<i>First Semester</i>	<i>Hours</i>
Total	6

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MUSC Applied Music	3	MUSC Applied Music	3
MUSC 2213 Music Theory	3	MUSC 2223 Music Theory	3
MUSC 2212 Sight Sing/Ear Train III	2	MUSC 2222 Sight Sing/Ear Train IV	2
MUSC 2312 Music Literature	2	MUSC 2322 Music Literature	2
MUSC Large Ensemble	1	MUSC Large Ensemble	1
Natural Science	3	MISY 1013 Intro. to Management Info. Systems	3
POSC 1113 American Government I	3	POSC 1123 American Government II	3
		Language SPAN 1023 or FREN 1023	3
Total	17	Total	17

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MUSC Applied Music	3	MUSC Applied Music	3
MUSC 3313 Music History	3	MUSC 3323 Music History	3
MUSC 3212 Analysis of Music	2	MUSC 3222 Analysis of Music	2
MUSC Large Ensemble	1	MUSC Large Ensemble	1
		Language SPAN 2023 or FREN 2023	3
Language SPAN 1013 or FREN 1013	3	HIST 1323 The U.S.-1876 to Present	3
MUSC Music Elective	3	MATH 1113 College Algebra	3
Total	15	Total	18

		SENIOR YEAR			
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
MUSC	Applied Music	3	MUSC	Applied Music	3
MUSC	Large Ensemble	1	MUSC	Large Ensemble	1
	Natural Science	3		Elective	3
MUSC 3232	Counterpoint	2	MUSC 3242	Counterpoint	2
ENGL 2153	Introduction to Literature	3	MUSC	Music Elective	2
MUSC 3232	Counterpoint	2		Social and Behavioral Sciences	3
Language	SPAN 2013 or FREN 2013	3			
Total		17	Total		14

BACHELOR OF MUSIC DEGREE WITH A MAJOR IN APPLIED MUSIC – WINDS OR PERCUSSION INSTRUMENTS (PERFORMANCE) REQUIREMENTS

Core Curriculum **42 SCH**
 All Music Core Curriculum requirements are shown in the suggested degree program.

Departmental Foreign Language Requirements (one language)..... **12 SCH**

Major Requirement..... **79 SCH**

- Students whose principal instrument is piano cannot take secondary piano for credit.
- Foreign language may be French, German or Spanish.
- The piano proficiency examination may be taken upon completion of this piano course.
- Preparation for the Junior Recital
- Preparation for the Senior Recital

Total Degree Requirements **133 SCH**

APPLIED MUSIC WINDS OR PERCUSSION INSTRUMENTS (PERFORMANCE) SUGGESTED DEGREE PROGRAM SEQUENCE

		FRESHMAN YEAR			
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
MUSC	Applied Music	3	MUSC	Applied Music	3
MUSC 1233	Music Theory	3	MUSC 1243	Music Theory	3
MUSC 1212	Sight Sing/Ear Train I	2	MUSC 1222	Sight Sing/Ear Train II	2
MUSC 1531	Piano (Secondary)	1	MUSC 1541	Piano (Secondary)	1
MUSC	Large Ensemble	1	MUSC	Large Ensemble	1
ENGL 1123	Freshman Composition I	3	ENGL 1133	Freshman Composition II	3
SPCH	Fund. of Speech Communication	3	HIST 1313	U.S. to 1876	3
			MUSC 2411	Strings	1
Total		16	Total		17

		SOPHOMORE YEAR			
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
MUSC	Applied Music	3	MUSC	Applied Music	3
MUSC 2213	Music Theory	3	MUSC 2223	Music Theory	3
MUSC 2212	Sight Sing/Ear Train III	2	MUSC 2222	Sight Sing/Ear Train IV	2
MUSC 2312	Music Literature	2	MUSC 2322	Music Literature	2
MUSC 2511	Piano (Secondary)	1	MUSC	Large Ensemble	1
MUSC	Large Ensemble	1	MUSC 2521	Piano (Secondary)	1
	Natural Science	3		Natural Science	3
POSC 1113	American Government I	3	POSC 1123	American Government II	3
MUSC 2421	Brass Instruments	1	MUSC 2431	Woodwind Instruments	1
Total		19	Total		19

<i>First Semester</i>		JUNIOR YEAR		<i>Hours</i>	
<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>	<i>Hours</i>
MUSC	Applied Music	3	MUSC	Applied Music	3
MUSC 3313	Music History	3	MUSC 3323	Music History	3
MUSC 3212	Analysis of Music	2	MUSC 3222	Analysis of Music	2
MUSC	Elective	2	MUSC	Large Ensemble	1
MUSC	Large Ensemble	1	Language	SPAN 2023 or FREN 2023	3
Language	SPAN 2013 or FREN 2013	3		Humanities	3
MUSC 2441	Percussion Instruments	1			
Language	SPAN 1013 or FREN 1013	3	Language	SPAN 1023 or FREN 1023	3
Total		18	Total		18

<i>First Semester</i>		SENIOR YEAR		<i>Hours</i>	
<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>	<i>Hours</i>
MUSC	Applied Music	3	MUSC	Applied Music	3
MUSC	Large Ensemble	1	MUSC	Large Ensemble	1
	Social and Behavioral Sciences	3		Computing	3
MUSC 3232	Counterpoint	2	MUSC 3242	Counterpoint	2
			MUSC	Music Elective	2
HIST 1323	The U.S.-1876 to Present	3	MATH 1113	College Algebra	3
Total		15	Total		17

MUSIC ALL-LEVEL CERTIFICATION REQUIREMENTS

Core Curriculum **42 SCH**
 All Music Core Curriculum requirements are shown in the suggested degree program.

Departmental Foreign Language Requirement (one language) **12 SCH**

Major Requirements **64 SCH**

Applied Music (piano, voice, wind, or percussion instruments) - 8 semesters
 Large Ensemble (band or choir) - 8 semesters
 MUSC 1212, 1222, 1233, 1243 2212, 2213, 2222, 2223, 2312, 2511, 2521, 3212, 3222, 3313, 3323, 4012, 4022 (4032) and Music Electives.
 In addition to the above major courses, music students seeking all-level certification are required to take MUSC 1612, 2411, 2421, 2431, and 2441 for coverage of the essential knowledge and skills required by the Texas State Board for Educator Certification.

Support Area and Minor Requirements..... **21 SCH**
 ENGL 2143, CUIN 3003, 3013, 4003, 4013, 4813 and 4823

Total Degree Requirements **139 SCH**

APPLIED MUSIC (WITH ALL-LEVEL CERTIFICATION) SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR					
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
MUSC	Applied Music	2	MUSC	Applied Music	2
MUSC 1233	Music Theory	3	MUSC 1243	Music Theory	3
MUSC 1212	Sight/Sing/Ear Train I	2	MUSC 1222	Sight/Sing/Ear Train II	2
Ensemble	Large Ensemble	1	Ensemble	Large Ensemble	1
MUSC 1531	Piano (Secondary)	1	MUSC 1541	Piano (Secondary)	1
ENGL 1123	Freshman Composition I	3	ENGL 1133	Freshman Composition II	3
SPCH 1003	Fund. of Speech Communication	3	HIST 1313	U.S. to 1876	3
Total		15	Total		15

SUMMER SESSIONS					
<i>First Semester</i>		<i>Hours</i>	<i>Second Semester</i>		<i>Hours</i>
POSC 1113	American Government I	3	POSC 1123	American Government II	3
HIST 1323	The U.S.-1876 to Present	3	MATH 1113	College Algebra	3
MUSC 2411	Strings	1			
Total		7	Total		6

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MUSC Applied Music	2	MUSC Applied Music	2
MUSC 2213 Music Theory	3	MUSC 2223 Music Theory	3
MUSC 2312 Music Literature	2	MUSC 2322 Music Literature	2
MUSC 2212 Sight Sing/Ear Train III	2	MUSC 2222 Sight Sing/Ear Train IV	2
MUSC Large Ensemble	1	MUSC Large Ensemble	1
MUSC 2511 Piano (Secondary)	1	MUSC 2521 Piano (Secondary)	1
ENGL 2143 Advanced Composition	3	ENGL 2153 Introduction to Literature	3
		MUSC 2431 Woodwind Instruments	1
MUSC 2421 Brass Instruments	1	MUSC 2441 Percussion Instruments	1
Total	18	Total	16

SUMMER SESSIONS

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Language SPAN 1013 or FREN 1013	3	Language SPAN 1023 or FREN 1023	3
Natural Science	3		
Total	6	Total	3

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MUSC Applied Music	2	MUSC Applied Music	2
MUSC 3313 Music History	3	MUSC 3323 Music History	3
MUSC 3212 Analysis of Music	2	MUSC 4022 Conducting (Choral)	2
MUSC 4012 Conducting	2	MUSC Large Ensemble	1
MUSC Large Ensemble	1	MUSC 3222 Analysis of Music	2
MUSC 3463 Instrumental Literature	3	Language SPAN 2023 or FREN 2023	3
Language SPAN 2013 or FREN 2013	3	Social and Behavioral Sciences	3
Total	16	Total	16

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
MUSC Applied Music	2	CUIN 4003 Instructional Plan Assessment	3
CUIN 3003 Educational Foundations	3	CUIN 4013 Instructional Method/Class Mgmt.	3
CUIN 3013 Educational Psychology	3	CUIN 4813 Student Teaching	3
		Computing	3
MUSC Large Ensemble	1		
Total	12	Total	9

Department of Physics

ADMINISTRATIVE OFFICER

A. Anil Kumar, *Department Head, Condensed Matter Physics and Telecommunications*

FACULTY

Innocent J. Aluka, *Geological Sciences*

Cleo L. Bentley, Jr., *Optical Physics*

Orion Ciftja, *Condensed Matter Physics and Computational Physics*

Dennis J. Judd, *High Energy Physics*

Richard G. Thomas, *Nuclear Physics*

Fa-Chung (Fred) Wang, *Condensed Matter Physics*

MANAGER OF LABORATORIES

Brian M. Cudnik, *Astronomy, Solar Physics, Lunar Meteoritic Phenomena*

PURPOSE AND GOALS

The mission of the Department of Physics is to provide students with education and training in physics, supported by a strong foundation in the liberal arts curriculum, in order to prepare them for a variety of career opportunities, to pursue advanced degrees and to enable them to achieve a deeper understanding of their role in, and impact on, society. This mission is accomplished through a number of objectives, including the following: establish a firm foundation in the basic philosophy, principles, and methods of physics; provide relevant training in physics that is appropriate for students of the sciences, business, education, humanities, health, and the social sciences; encourage original research involving students; help students to develop their powers of critical observation and thinking, along with the effective application of the scientific method; and emphasize the connections between physics and other disciplines and encourage interdisciplinary studies. The goal is to prepare well-equipped students for successful careers in physics or related disciplines and enable them to compete in an increasingly challenging world.

HONOR SOCIETIES, CLUBS, AND SERVICE ORGANIZATIONS

Students who have had at least one course in physics above the elementary level and whose grade point averages are B or better are eligible for membership in *Sigma Pi Sigma*, the physics honor society. Students having an interest in physics may also join the *Society of Physics Students*, an organization dedicated to the promotion and advancement of physics throughout society.

BACHELOR OF SCIENCE IN PHYSICS DEGREE PROGRAM REQUIREMENTS

Core Curriculum **42 SCH**
All Physics students must complete the core curriculum.

College Requirements **12 SCH**
 Foreign Language Electives (one language)

Major Requirements **37 SCH**
 PHYS 2511-2521 and 2514-2524, or
 PHYS 2511-2521, and PHYS 2013-2023 plus 2 additional SCH in Physics, PHYS 3103-3113,
 PHYS 3123-3133,
 PHYS 3183-3193 and
 9 or more SCH of Physics electives from:
 PHYS 3073 Optics
 PHYS 3163/3173 Mathematical Physics I and II
 PHYS 4011/4021 Physics Seminar I and II
 PHYS 4103 Physics Advanced Lab I
 PHYS 4023/4033 Introductory Quantum Mechanics I and II
 PHYS 4063 Thermodynamics and Statistical Mechanics
 PHYS 4993 Physics Independent Study or the equivalent.
 Physics electives should be selected with the advice and consent of the advisor.

Support Area and Minor Requirements **34 SCH**
 MATH 1124, 2024, 2034 12 SCH
 HUPF (Human Performance Activities) 2 SCH
 Science Laboratory (Any Science) 2 SCH
 Minor Requirement (Consult Minor department for details) 18-24 SCH

While any minor is encouraged, the following are recommended:

Computer Science - COMP 1211, 1213, 1221, 1223, 2013, and twelve semester hours of upper-division courses (23 SCH). This preparation in physics and computer science will provide the necessary background for computational physics and related areas.

Electrical Engineering – ELEG 2023, ELEG 3011, ELEG 3013, ELEG 3021, ELEG 3023, ELEG 3033, ELEG 3043, ELEG 3063, ELEG 4013 (23 SCH). This preparation in physics and electrical engineering will prepare the student for a variety of applied physics and industrial areas.

Total Degree Requirements **125 SCH**

Requirements for Physics as a Minor Field

PHYS 2511-2521, 2514-2524 and 12 semester hours of Physics electives or PHYS 2013-2023, PHYS 2511-2521 and 14 SCH of Physics Electives.

PHYSICS DEGREE PROGRAM SEQUENCE

		FRESHMAN YEAR			
<i>First Semester</i>		<i>Hours</i>	Second Semester		<i>Hours</i>
PHYS 2514	General Physics I	4	PHYS 2524	General Physics II	4
PHYS 2511	General Physics I Lab	1	PHYS 2521	General Physics II Lab	1
ENGL 1123	English I	3		Visual & Performing Arts	3
MATH 1124	Calculus I	4	ENGL 1133	English II	3
HUPF 1011	Human Performance	1	MATH 2024	Calculus II	4
HIST 1313	U.S. 1492 to 1876	3	HIST 1323	The US 1876-Present	3
Total		16	Total		18

		SOPHOMORE YEAR			
<i>First Semester</i>		<i>Hours</i>	Second Semester		<i>Hours</i>
PHYS 3183	Modern Physics I	3	PHYS 3193	Modern Physics II	3
	Natural Science	3		Natural Science	3
	Science Lab	1		Science Lab	1
MATH 2034	Calculus III	4		Minor Elective	3
LANG 1013	French, Spanish or German	3	LANG 1023	French, Spanish or German	3
SPCH 1003	Fundamentals of Speech Communication	3	HUPF 1011	Human Performance	1
Total		17	Total		14

		JUNIOR YEAR			
<i>First Semester</i>		<i>Hours</i>	Second Semester		<i>Hours</i>
PHYS 3103	Mechanics I	3	PHYS 3113	Mechanics II	3
PHYS 3123	Electricity and Magnetism I	3	PHYS 3133	Electricity and Magnetism II	3
	Minor Elective	3		Physics Elective	3
LANG 2013	French, Spanish or German	3	LANG 2023	French, Spanish or German	3
POSC 1113	American Government I	3	POSC 1123	American Government II	3
	Humanities Elective	3			
Total		18	Total		15

		SENIOR YEAR			
<i>First Semester</i>		<i>Hours</i>	Second Semester		<i>Hours</i>
	Physics Elective	3		Physics Elective	3
	Minor Elective	3		Minor Elective	3
	Minor Elective	3		Minor Elective	3
	Elective General	3		Computer Elective	3
	Behavioral Science Elective	3			
Total		15	Total		12

Division of Social Work, Behavioral and Political Science

ADMINISTRATIVE OFFICER

Walle Engedayehu, *Division Head*

FACULTY

Bakama BakamaNume, *Geography*
Bernita C. Berry, *Social Work and Sociology*
Purvis M. Carter, *History*
Jian-Yue Chen, *History*
Michelle Childers, *Social Work*
Felix O. Chima, *Social Work*
Allison Cotton, *Sociology*
Anthony Coveny, *Political Science*
Karen Manges Douglas, *Sociology*
Jerrod Elleman, *Philosophy*
Andrew Ewoh, *Political Science*
Dorothy L. Graff, *Social Work*
James Jones, *History*
Robert Paul Jones, *Social Work and Sociology*
Gary Long, *History*
Elizabeth A. Martin, *Social Work*
Lee A. McGriggs, *Political Science*
Sean Reed, *Political Science*
Fran Scott, *Political Science*
Sarah B. Williams, *Social Work and Sociology*

PURPOSE AND GOALS

The Division of Social Work, Behavioral and Political Sciences provides support courses for all undergraduate programs in addition to offering four areas of degree specialization. These specializations help prepare students to pursue a variety of career options, including urban and regional planning, social work practice, human services, public administration, international affairs, public policy, law enforcement, and educational and legal services. In addition, the Division offers courses designed for teacher certification in Social Studies.

DEGREE PROGRAMS

History	B.A.	Social Work	B.A. S.W.
Political Science (Pre-law)	B.A.	Sociology	B.A., M.A.

All students majoring in each of the above degree programs must earn a minimum grade of “C” in both their major and minor courses in order to fulfill their requirements.

SPECIAL EMPHASIS OPTIONS

- Minor in Interdisciplinary Social Sciences
- Minor in Geography
- Minor in African Studies
- Minor in African-American Studies

Requirements for a Minor in Interdisciplinary Social Sciences

The division offers a minor in interdisciplinary social sciences designed to provide a sound understanding of the basic concepts, assumptions and research methods and techniques used in the social sciences. The History Program administers the minor. Students are advised to consult with the Division Head in selecting appropriate courses for their minor. Any course taken for their minor may not be used to satisfy other requirements such as a core curriculum requirement or a major or minor requirement. Sample courses for the interdisciplinary minor are listed below.

- HIST 1813 World Civilization to 1500
- HIST 4213 Afro-American History 1492-1865
- GEOG 1113 Introduction to Geography
- GEOG 3723 World Regional Geography
- POSC 2113 Political Parties
- POSC 3543 International Politics
- SOCG 2003 Sociology of Minorities
- SOCG 3223 Political Sociology

Requirements for a Minor in Geography..... 21 SCH

GEOG 1113, 1223, 2743, 3723, 4013, and 6 semester hours from the list of Geography courses.

Minor in African Studies

The Minor in African Studies is offered as part of the political Science program, and is designed to provide students with a common ground for understanding their academic work and its place in the broader context of a liberal studies program that emphasizes an interdisciplinary approach to learning. The courses listed below offer undergraduate training in some aspects of African history, politics, sociology, language, literature and the arts, bringing together students of diverse academic interests who wish to investigate ideas and cultural practices in their historical setting and to understand contemporary African issues and challenges. The program serves the varied intellectual needs of both traditional and non-traditional students. It requires a total of 18 semester credit hours, 12 of which must be earned in HIST 2413, ENGL 2283, POSC 3553 and GEOG 2743. The rest of the credit hours may be earned in such electives as SOCG 2023, ARTS 2243, FREN 1013, FREN 1023, POSC 3563, POSC 4165, POSC 4223, and POSC 4173.

Requirements for a Minor in African American Studies

The African American Studies minor is interdisciplinary and provides students the opportunity to gain knowledge and understanding of the African American influence on the social, political, cultural and intellectual development of America. The minor requires 18 semester credit hours. HIST 4213 and HIST 4223 are required courses. The remaining 12 hours may be selected from the courses listed below. Courses may not be used to satisfy multiple academic requirements such as core curriculum requirement, major and minor requirements.

- DRAM 2213 Afro-American Drama I
- DRAM 2223 Afro-American Drama II
- HIST 2613 African History
- HIST 4213 Afro-American History I
- HIST 4223 Afro-American History II
- HIST 3223 Women in History
- HDFM 2533 Contemporary Family in Cross-cultural Perspectives
- POSC 2213 Blacks and the American Political System
- POSC 3553 Introduction to African Politics
- ENGL 3053 Survey of Afro-American Literature I

ENGL 3063 Survey of Afro-American Literature II
SOCG 2003 Sociology of Minorities
SOCG 2023 African Family and Culture
COMM 3703 Society and the Mass Media
GEOG 2743 Geography of Africa
CRJS 4233 Problems Encountered by Minorities in the Criminal Justice System
ARTS 2283 Afro-American Art
MUSC 3333 Afro-American Music

TEACHER CERTIFICATION

Students seeking certification for secondary school teaching must meet all requirements listed in the "Teacher Certification Programs" section of this catalog. Admission requirements and advising materials are available from the Office of Teacher Certification in the College of Education.

HONOR SOCIETIES, CLUBS, AND SERVICE ORGANIZATIONS

Sponsored by the political science faculty, the *Blackstone Pre-Law Society* is open to all students interested in law. The society promotes an awareness of the LSAT and general law school requirements, thereby facilitating preparation for entry into law school.

Open to all majors and other interested persons, the *History Club* provides non-classroom activities related to the study of history.

A national geography fraternity, the *Iota Epsilon Chapter of Gamma Theta Upsilon* recognizes high academic attainment on the part of students with either a major or a minor in geography. It is open to students who maintain an average of B or better and serves both the needs for good human relationships and for sharing information concerning the field of geography.

Membership in *Phi Alpha Theta International Honor Society* is open to undergraduate students who have completed 12 semester hours of history with a grade point average of 3.10 or above in history courses and 3.00 in two-thirds of the remainder of the course work, excluding history.

Membership in the *Political Science Club* is required of all political science majors. The purpose of this organization is to promote an awareness of politics at all levels and facilitate understanding of public policy making through field trips, seminars, lecture series, and other educational activities.

Membership in *Rho Nu Chapter of Pi Sigma Alpha*, the national Political Science Honor Society, is open to students, undergraduate and graduate, who have completed at least fifteen quarter hours or ten semester hours of work in government, political science, international relations, or public administration, including at least one course not open to students in the first two years of collegiate work, with an average grade of "B" or higher and who have maintained a standard of general scholarship sufficient to place them within the upper third of their college class.

The *Social Work Action Club (SWAC)* is open to all social work majors and prospective majors. The club sponsors events that support local community residents and organizations. Members participate in local, regional, and national professional social work conferences and symposia.

Association of Black Social Work Students (ABSWS) Houston Chapter is open to students of African descent. The purpose of ABSWS is to promote the welfare and survival of the Black community and promote Black unity. The Organization sponsors campus and community events. Members participate in forums, workshops, and professional conferences at local, state, and national levels. Scholarship opportunities are also available.

The motto of *Alpha Delta Mu Social Work Honor Society* is "Advocate of the People". The purpose of Alpha Delta Mu is to advance excellence in social work practice and to encourage, stimulate and maintain scholarship of the individual members in all fields, particularly social work. Senior Social Work majors with a 3.0 minimum cumulative grade point average are eligible to join Alpha Delta Mu.

The *George R. Ragland Scholars* is open to all majors. Members must have a minimum GPA of 3.0 and be dedicated to social services and to helping others. Interested students in all disciplines are encouraged to join.

The *Sociology Club* is open to all sociology majors and minors, and to other students interested in gaining greater awareness about human societies and cultures.

Membership in *Alpha Kappa Delta (AKD) International Sociology Honor Society* is open to sociology majors of junior standing with a minimum 3.0 GPA. AKD promotes excellence in scholarship, research, and social and intellectual activities leading to the improvement of the human condition.

HISTORY DEGREE PROGRAM

The History program at Prairie View A&M University prepares students for careers in teaching, government and law. The program encourages a systematic study of the past and attempts to use the knowledge gained to explain human nature, behavior and contemporary affairs.

BACHELOR OF ARTS IN HISTORY DEGREE PROGRAM REQUIREMENTS

Core Curriculum	42 SCH
In order to fulfill the 6 SCH of natural sciences requirements, students must take a BIOL, CHEM, PHYS, or PHSC sequence.	
Foreign Language Requirements (one language)	12 SCH
Major Requirements	30 SCH
HIST 1813, 1823, 3913, 4903, and 18 hours History electives	
Support Area Requirements	12 SCH
ECON 2113	3 SCH
ENGL 3233 or 3243	3 SCH
GEOG 1113	3 SCH
POSC 2000 Level or Above	3 SCH
Minor Requirements	18 SCH
Students seeking certification for secondary school teaching must meet all requirements listed in the teacher certification section of the catalog. Admission requirements and advising materials are also available from the Office of Teacher Certification in the College of Education.	
Unrestricted Electives	9 SCH
Total Degree Requirements	123 SCH
Minor Field Requirements	18 SCH
(When the program area is taken as a Minor in another degree program)	
HIST 1813, 1823, 2313, 4903, and six semester hours selected from the advanced course options.	

HISTORY SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
ENGL 1123 Freshman Composition I	3	ENGL 1133 Freshman Composition II	3
HIST 1313 U.S. to 1876	3	Computing	3
MATH 1113 College Algebra	3	GEOG 1113 Introduction to Geography	3
POSC 1113 American Government I	3	POSC 1123 American Government II	3
SPCH 1003 Fund. of Speech Communication	3	HIST 1323 The U.S.-1876 to Present	3
Total	15	Total	15

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
HIST 1813 World Civilization to 1500	3	HIST 1823 World Civilization since 1500	3
HIST 2313 The U.S. 1492-1831	3	HIST 2323 U.S. 1837 to 1898	3
Natural Science Sequence	3	Language SPAN 1023 or FREN 1023	3
Social and Behavioral Science	3	ECON 2113 Microeconomics	3
Language SPAN 1013 or FREN 1013	3	Natural Science Sequence	3
Total	15	Total	15

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
POSC Elective (2000 level or above)	3	ENGL Elective (3233 or 3243)	3
Language SPAN 2013 or FREN 2013	3	Language SPAN 2023 or FREN 2023	3
Elective (Minor)	3	HIST 3913 American Historiography	3
Electives (Major)	6	Elective (Minor)	3
Visual and Performing Arts	3	Elective (Unrestricted)	3
Total	18	Total	15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
HIST 4903 Senior Seminar	3	Electives (Minor)	6
Electives (Minor)	6	Humanities	3
Elective (Major)	3	Elective (Major)	3
Elective (Unrestricted)	3	Elective (Unrestricted)	3
Total	15	Total	15

POLITICAL SCIENCE PROGRAM

The Political Science Program has a mission of providing students with knowledge and training necessary for personal, academic, and professional development in a friendly academic environment. The curriculum is designed to help students develop their reasoning and analytical skills and improve their competence in oral and written communications. The fundamental goal of the Program is to provide students with the theoretical underpinnings and analytical tools required to research and understand political issues and governmental processes. In addition to providing support courses for all undergraduate studies at Prairie View A&M University, the Program strives to achieve the following pivotal goals:

- Prepare students for graduate and professional schools by exposing them to a variety of concepts, theories and methodologies used in the study of Political Science;
- Train students for careers in government, law, education, journalism, urban planning, international affairs, business and many other fields on which public policy has an impact; and
- Help students develop a sustained interest in the day-to-day activities of governmental institutions and processes, as well as in events and issues that occur daily at the local, state, national and international levels.

The program offers a B.A. in Political Science with courses tailored to accommodate students of diverse educational and career interests. The curriculum includes a list of courses covering the traditional sub-

fields of Political Science. The two main concentrations are Pre-law and General Political Science. Both American government and international politics are emphasized in the course offerings. In each track, the program requires the completion of 30 credit hours of political Science courses, of which POSC 2133, POSC 2413, POSC 3543 and POSC 4113 are required for majors and minors in the discipline.

Political Science majors must earn a grade of “C” or better in each of the Political Science courses they have taken in order to graduate from the University with the B.A. degree. Students also must earn a minimum grade of “C” in all classes taken in their minor discipline.

Teacher Certification (Secondary Government/Political Science)

Political science students seeking certification to teach government in secondary schools in Texas must fulfill all requirements mandated for certification by the College of Education whether Political Science is their first or second teaching field. For a complete review of information concerning requirements for teacher certification, please see the College of Education section of this catalog. Those with a degree other than Political Science and wish to be certified to teach government must have their transcripts evaluated by the coordinator of teacher certification within the Political Science program. Following the evaluation, the student then may be advised to take a number of classes from a list of suggested Political Science courses, which include POSC 2133, POSC 2113, POSC 2523, POSC 3123, POSC 3533, POSC 3543, POSC 4113, POSC 4123, POSC 4133, and POSC 4143. The certification process itself is conducted through the Office of Teacher Certification, College of Education.

BACHELOR OF ARTS IN POLITICAL SCIENCE DEGREE PROGRAM REQUIREMENTS

Core Curriculum	42 SCH
All Political Science Core Curriculum requirements are shown in the suggested degree program. In order to fulfill the 6 SCH of natural sciences requirements, students must take a BIOL, CHEM, PHYS, or PHSC sequence.	
Foreign Language Requirements (one language)	12 SCH
Major Requirements	30 SCH
POSC 2133, 2613, 3543, 4113, and 18 semester hours from the political science curriculum	
Support Area	12 SCH
ENGL 2143	3 SCH
PSYC 2613	3 SCH
ECON 2113	3 SCH
GEOG 1113	3 SCH
Minor Requirements	18 SCH
Unrestricted Electives	9 SCH
Total Degree Requirement	123 SCH
Minor Field Requirements	24 SCH
(When the program area is taken as a Minor in another degree program)	
POSC 2133, 2413, 3543, 4113 and 12 semester hours of Political Sciences electives	

POLITICAL SCIENCE SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

First Semester	Hours	Second Semester	Hours
POSC 1113 American Government I	3	POSC 1123 American Government II	3
ENGL 1123 Freshman Composition I	3	ENGL 1133 Freshman Composition II	3
MATH 1113 College Algebra	3	Natural Science Sequence Humanities	3
GEOG 1113 Introduction to Geography	3	HIST 1323 The U.S.- 1876 to Present	3
HIST 1313 U.S. to 1876	3	Computing	3
Total	15	Total	15

SOPHOMORE YEAR

First Semester	Hours	Second Semester	Hours
POSC 2133 Introduction to Political Science	3	POSC 2613 Introduction to Research	3
ENGL 2143 Advanced Composition	3	SPCH 1003 Fund. of Speech Communication	3
Foreign Language Elective	3	Foreign Language Elective	3
Natural Science Sequence	3	Natural Science Sequence	3
PSYC 2613 Statistics for Psychology I	3	Elective (Minor)	3
Total	15	Total	15

JUNIOR YEAR

First Semester	Hours	Second Semester	Hours
POSC Electives	6	POSC 3543 International Politics	3
Foreign Language Elective	3	POSC Elective	3
Elective (Minor)	3	Foreign Language Elective	3
Visual and Performing Arts	3	Elective (Minor)	3
		ECON 2113 Microeconomics	3
Total	15	Total	15

SENIOR YEAR

First Semester	Hours	Second Semester	Hours
POSC Electives	6	POSC 4113 American Constitutional Law	3
Elective (Minor)	3	POSC Elective	3
Social and Behavioral Science	3	Electives (Minor)	6
Electives	6	Elective	3
Total	18	Total	15

SOCIAL WORK PROGRAM

PURPOSE AND GOALS

The mission of the baccalaureate Social Work (BASW) Program is to prepare students as professional generalist Social Work practitioners and provide students with requisite knowledge for advanced study. The Program equips students with core skills and values for beginning level professional Social Work practice in both rural and urban settings, working with individuals, families, groups, organizations, communities. and populations-at-risk.

The generalist Social Work practice entails a problem solving process (multi-method) at the micro, mezzo, and macro levels (multi-level) utilizing Social Work knowledge, values, and skills, which informs and directs service delivery to assess and intervene with the problems confronting clients (conceptualization). Generalist Practice of the baccalaureate Social Work Program at Prairie View A&M University (PVAMU) utilizes the ecosystems approach which includes the ecological perspective and systems theory that entails viewing the person and the problem within the environment, and identifies strength within the client as well as the environment. Students apply the problem solving method to empower clients and to intervene across diverse client systems of all sizes (i.e. individuals, families, groups, organizations, and communities) both in rural and urban settings. Students at PVAMU, a Historically Black College/ University, are provided with a unique opportunity to recognize the importance of the barriers and obstacles regarding disenfranchised people within the social environment, realities of discrimination, and oppression, and the opportunities to enhance social and economic justice.

The baccalaureate Social Work Program is accredited by the Council on Social Work Education. The goals of the Social Work Program are to:

1. Prepare students to understand social welfare policy analysis and its implementation; forms and mechanism of oppression and discrimination, and the strategies of change that advance social and economic justice in both rural and urban settings.
2. Assist students to develop knowledge of bio-psycho-social theories and cultural factors which affect diverse client populations (i.e. individuals, families, groups, organizations, and communities); to identify and critique the social contexts of Social Work practice, the behavior of organizations, and the dynamics of change using Social Work values and ethical principles.
3. Prepare students to appreciate and conduct ethical Social Work research to evaluate service delivery at all levels of practice and to add to the social work knowledge base with qualitative and quantitative methodologies.
4. Prepare students for professional entry-level generalist Social Work practice with diverse populations in rural and urban settings at micro, mezzo, and macro levels of practice; based on knowledge, values, ethics and skills of Social Work built on a liberal arts perspective and reinforced through classroom and field experiences.
5. Prepare students for a professional generalist Social Work career as well as graduate social work education and the importance of ongoing professional growth and development for both students and faculty.

Social Work majors have the opportunities to complete volunteer assignments and required field instruction in setting such as rural community centers, mental health and mental retardation agencies, drug and alcohol treatment facilities, agencies serving the elderly, juveniles, adults, and children, public assistance/ public welfare, school Social Work service, policy-making entities and Social Work administration. Graduates of the Social Work Program secure employment in a variety of agencies including hospitals, schools, child welfare, probation and parole centers, residential treatment centers, and other public and private agencies.

ADMISSION REQUIREMENTS

Students desiring to pursue the baccalaureate Social Work degree must complete procedures designed to determine their suitability and/or readiness for professional generalist Social Work practice. Freshmen students changing their major, and transfer students may declare Social Work as a major for the purpose of advisement. Students interested in a Social Work major initially meet with the Director of Social Work Program who interviews the student regarding their knowledge of Social Work and what they hope to accomplish with a degree in Social Work. Students are identified as Prospective Social Work Majors until they are officially accepted into the Program. This usually occurs during the sophomore year when the student is nearing completion of the Program’s required Liberal Arts Perspective and other basic freshmen/sophomore level courses. Prior to official acceptance, students must have completed the pre-professional Social Work course – SOWK 2113, Introduction to Social Work and Social Welfare, with a minimum grade of “C”. Students are expected to attend the Social Work Major’s Orientation scheduled during the fall semester.

Admission of Transfer Students

The Social Work Program follows the University’s guidelines for transfer credit of University core requirements and proficiency examinations (College Level Examination Program or CLEP). Guidelines and procedures for general transfer of core curriculum courses and proficiency examinations are described in the Undergraduate Catalog 2003-2005.

Liberal Arts courses that meet the requirements for Social Work degree will be accepted as transfer credit. The Social Work Program accepts transfer credit of Social Work courses only from CSWE accredited programs. The Program may request copies of syllabi as deemed appropriate.

Academic and Professional Advisement

Each Social Work major (current or prospective) is assigned to a Social Work faculty advisor. Students are strongly encouraged to be proactive in seeking advisement and in strictly following their degree plan. Each Social Work major must meet with his or her respective advisor at least once per semester, and more often as needed. Advisement includes appropriate guidance in academic course work, satisfactory progress in the major, adherence to Social Work Codes of Ethics, and career options for employment.

Academic Progress

Social Work majors must maintain satisfactory progress in the major. Students will be evaluated by their respective advisor each semester. Students not maintaining satisfactory academic and professional progress will be evaluated for continuation in the Program. Students must meet with their respective advisor to ensure courses are taken in the proper sequence for the Social Work major (See Social Work Suggested Degree Program Sequence). Students must complete the Liberal Arts prerequisite courses and SOWK 2113 prior to enrolling in Social Work core courses for the junior and senior years. Students must take all SOWK upper division core courses in proper sequential order.

Social Work major must maintain a grade of “C” or better in all SOWK courses. No SOWK prefix course may be repeated more than once to achieve a passing grade of “C”. Please refer to the Social Work Student Handbook for additional requirements and information. **No Credit for Life or Work Experience**
The Social Work Program does not give credit in whole or part for previous work experiences or life experiences in lieu of field instruction or for any social work core course.

BACHELOR OF ARTS IN SOCIAL WORK DEGREE PROGRAM REQUIREMENTS

Core Curriculum44 SCH
Social Work majors are required to complete BIOL 1054, BIOL 1113, and BIOL 1111.

Foreign Language Requirements (Spanish Recommended).....12 SCH

Social Work Major Requirements **48 SCH**
 SOWK 2113, 3113, 3123, 3133, 3143, 4123, 4133, 4143, 4153, 4163, 4176, 4183 and 9
 hours of social work electives

Support Area Requirements **18 SCH**
 SOCG 1013, 2003, 4053, ECON 2113, PSYC 1113, 3223

Unrestricted Electives **12 SCH**

Total Degree Requirements **132 SCH**

Requirements for Social Work as a Minor Field **18 SCH**
 (When Social Work is taken as a Minor in another degree program)
 SOWK 2113, 3113, 3133, 4123, 6 hours Social Work electives

SOCIAL WORK SUGGESTED DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

First Semester		Hours	Second Semester		Hours
ENGL 1123	Freshman Composition I	3	ENGL 1133	Freshman Composition II	3
MATH 1113	College Algebra	3	PSYC1113	General Psychology	3
BIOL 1054	Anatomy & Physiology	4	HIST 1323	The U.S.-1876 to Present	3
HIST 1313	U.S. to 1876	3	BIOL 1113	College Biology	3
SOCG 1013	General Sociology	3	Computing 1003	Introduction to Computer Ed	3
			BIOL 1111	College Biology Lab	1
Total		16	Total		16

SOPHOMORE YEAR

First Semester		Hours	Second Semester		Hours
SOWK 2113	Introduction to Social Work	3	ECON 2113	Principles of Economics	3
PHIL 2023	Ethics	3	POSC 1123	American Government II	3
POSC 1113	American Government I	3	SPAN 1013	Elementary Spanish I	3
SOCG 2003	Minorities	3		Visual & Performing Arts	3
SPCH 1003	Fund. Of Speech Comm.	3		Unrestricted Electives	6
	Social/Behavioral Science	3			
Total		18	Total		18

JUNIOR YEAR

First Semester		Hours	Second Semester		Hours
SOWK 3113	Social Welfare as a Social Institution	3	SOWK 3123	Social Policy Analysis	3
SOWK 3133	Human Behav./Social Environ. I	3	SOWK 3143	Human Behav./Social Environ. II	3
PSYC 3223	Abnormal Psychology	3	SPAN 2013	Intermediate Spanish I	3
SOWK 4123	Practice I	3	SOCG 4053	Statistics	3
SOWK 3123	Social Policy Analysis	3	SOWK 4133	Practice II	3
SPAN 1023	Elementary Spanish II	3			
Total		18	Total		15

SUMMER SESSION

First Semester	Hours
Social Work Electives	9
Total	9

SENIOR YEAR					
First Semester		Hours	Second Semester		Hours
SOWK 4143	Research I	3	SOWK 4153	Research II	3
	Unrestricted Elective	3	SOWK 4176	Field practicum	6
SOWK 4163	Practicum Preparation	3	SOWK 4183	Integrative Seminar	3
SPAN2023	Intermediate Spanish II	3			
	Social Work Electives	6		Social Work Electives	3
Total		18	Total		15

SOCIOLOGY PROGRAM

PURPOSE AND GOALS

The Bachelors of Arts degree program in sociology offers a curriculum that enables students to analyze, critically evaluate, and engage in the planning of solutions to problems that evolve from patterns of human social interaction. Sociologists analyze systems that range from individuals in small groups to entire societies. In addition to social theory and social research, students may choose courses in criminology, gerontology, substance abuse, the family, deviant behavior, and modern social problems. The sociology degree program prepares students for professional careers with government agencies and with the business sector. Students pursuing a baccalaureate degree in sociology may become certified in secondary education. Additionally, a sociology degree is an excellent preparation for many post-baccalaureate degree programs.

The University Center – The Woodlands

The University Center Consortium was launched in 1995 to enhance higher education opportunities for North Harris County and Montgomery County residents. The Texas Higher Education Coordinating Board has authorized Prairie View A&M University, Sam Houston State University, Texas A&M University, Texas Southern University, University of Houston, University of Houston-Downtown, and the four colleges of the North Harris Montgomery Community College District (NHMCCD) to cooperatively offer the Sociology program at The University Center.

Only upper-level sociology courses are offered by the Sociology Program at The University Center. Students seeking degrees must transfer the lower level courses to fulfill the University Core Requirements along with the College Level Requirements and Program Support Area Requirements. Additionally, as determined in consultation with an advisor, students are expected to transfer courses that will fulfill the minor requirements.

The University of Houston-Downtown has been assigned the responsibility of providing common support courses for all baccalaureate degree programs at The University Center. Sam Houston State University will provide these support courses that the University of Houston-Downtown chooses not to offer. If neither the University of Houston-Downtown nor Sam Houston State University provides a required support course, the University of Houston Distance Learning courses will be available.

The colleges of the NHMCCD are responsible for providing articulated freshman and sophomore level courses for each of the baccalaureate degrees.

BACHELOR OF ARTS IN SOCIOLOGY DEGREE PROGRAM REQUIREMENTS

Core Curriculum 42 SCH
All Sociology Core Curriculum requirements are shown in the suggested degree program. In order to fulfill the 6 SCH of natural sciences requirements, students must take a BIOL, CHEM, PHYS, or PHSC sequence.

Foreign Language Requirement (One Language)..... 12 SCH
Foreign Language

Major Requirements 45 SCH
SOCG 1013, 4053, 4723, 4733, 4783 and 30 SCH of SOCG electives determined in consultation with an advisor.

Support Area Requirements..... 9 SCH
ECON 2113 or 2123 Principles of Microeconomics or Principles of Macroeconomics
ENGL 1143 or 2143 Technical Writing or Advanced Composition
PSYC 1113 General Psychology

Minor Requirements 18-24 SCH

Total Degree Requirements 126-132 SCH

Requirements for Sociology as a Minor Field..... 18 SCH
SOCG 1013, 4733 and 12 semester hours of electives in sociology.

SUGGESTED SOCIOLOGY DEGREE PROGRAM SEQUENCE

FRESHMAN YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ENGL 1123 Freshman Comp I	3	ENGL 1123 Freshman Comp II	3
HIST 1313 U.S. to 1876	3	MATH 1113 College Algebra	3
SOCG 1013 General Sociology	3	PSYC 1113 General Psychology	3
	3	Humanities Elective	3
	3	HIST 1323 The U.S.-1876 to Present	3
Total	15	Total	15

SOPHOMORE YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
BIOL 1113 College Biology	3	PHSC 1123 Physical Science	3
POSC 1113 American Government I	3	POSC 1123 American Government II	3
SPCH 1003 Fundamentals of Speech Com.	3	Language II Foreign Language 1023	3
Language I Foreign Language 1013	3	Social or Behavioral Science Elective	3
	3	ECON 2113/2123 Micro or Macroeconomics	3
Total	15	Total	15

JUNIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
Language III Foreign Language 2013	3	ENGL 2143 Advanced Composition	3
SOCG Sociology Elective (#2)	3	Language IV Foreign Language 2023	3
SOCG Sociology Elective (#3)	3	Sociology Elective (#4)	3
SOCG 4053 Social Statistics	3	Minor Requirement	3
	6	Minor Requirement	3
Total	18	Total	15

SENIOR YEAR

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
SOCG 4733 Sociological Theory	3	SOCG 4783 Senior Seminar	3
SOCG 4723 Sociological Research Methods	3	SOCG Elective (#8)	3
	3	SOCG Elective (#9)	3
	3	SOCG Elective (#10)	3
SOCG Elective (#7)	3	Minor Requirement	3
Minor Requirement	3		
Total	18	Total	15

Army Reserve Officers Training Corps

ADMINISTRATIVE OFFICER

LTC Dexter Q. Henson, *Professor of Military Science*

FACULTY

LTC Robert R. Clarke, *Assistant Professor of Military Science*

MAJ Anita Roberts, *Assistant Professor of Military Science*

CPT James Larry, *Assistant Professor of Military Science /Enrollment Officer*

MSG Bruce A Veals, *Senior Military Instructor*

SFC Jeffrey P. Graves, *Military Instructor*

PURPOSE AND GOALS

The mission of the Army ROTC program is to prepare college students for professional careers as United States Army Officers. The faculty and staff in the department are dedicated military and civilian personnel committed to producing the highest caliber leaders for the nation.

The experience and training provided by Army ROTC separates ROTC graduates from their peers. Army ROTC Cadets are taught to be leaders and are provided hands-on experience in managing physical, financial, and human resources. Our cadets often possess a higher level of self-confidence and superior decision-making skills. The challenge of developing leaders to manage resources and command units equipped with state-of-the-art equipment forms the basic foundation of the military science curriculum.

Qualified students interested in earning a commission are encouraged to apply for an Army ROTC Scholarship. Besides tuition, the scholarship pays educational fees, provides \$600 for books per year and provides the cadet a \$250-\$400 stipend for each month of the school year. Scholarships are available for two, three, and four year periods.

The four-year Army ROTC program is divided into two phases: the Basic Course and the Advanced Course. The Basic Course is taken during the first two years of college and is offered with no military obligation. It covers topics such as leadership development, individual military skills, and military customs/traditions. A student who demonstrates the potential to become army officers and who meet the physical and scholastic standards are eligible to enroll in the Advanced Course. It covers the final two years of college and includes a five-week camp held during the summer between the junior and senior years. Cadets receive instruction in management, tactics, professionalism, ethics, and advanced leadership skills. While enrolled in this course, a cadet receives a stipend ranging from \$350-\$400 per month for up to 10 months of the school year and approximately \$700 for attending the National Advanced Leadership Camp.

COMMISSIONING PROGRAM

Completion of Army ROTC qualifies the student for a commission as a second lieutenant in the United States Army and a minor in Military Science.

SPECIAL EMPHASIS OPTIONS

Cadets enrolled in Advanced Army ROTC are required to complete a Professional Military Education (PME) component consisting of two essential parts: a baccalaureate degree, completion of Enhanced Skills Program and demonstrated proficiency in military history. Credits received through Army ROTC may be included as a part of their individual academic degree program.

Military science students may select military science courses as free electives.

Army ROTC cadets are required to participate in physical training (calisthenics) periods, as well as field-training exercises as part of the leadership laboratory.

Prior Service or JROTC experience

Students with a good record of prior military service or with four years of Junior ROTC experience may receive constructive credit for the basic course and may be allowed to enroll in the advanced course. Students with such experience and who are interested in enrolling should contact the Professor of Military Science prior to the start of their sophomore year.

Internship: Leader's Training Course

Students without any prior military service may receive constructive credit for the basic course by attending and successfully completing a summer internship called the Leader's Training Course at Fort Knox, Kentucky. The internship is a four-week training program conducted during the summer months and is designed to orient students to the U.S. Army. The training develops and evaluates their officer leadership potential, and qualifies them for enrollment in the ROTC Advanced Course program. The student graduates from the summer internship with increased confidence, self-discipline and decisiveness developed through physical and academic challenges. Participants will receive approximately \$700 for the internship. Students not enrolled in ROTC and who have completed a minimum of sixty credit (60) hours may attend the Leader's Training Course. Students who successfully complete the training can receive four (4) hours of constructive credit and qualify for an Army ROTC two-year scholarship.

Extra Curricular Activities

The Panther battalion has its own Ranger Challenge Team, a varsity-level team that competes against other universities in military skills events. The battalion also has a competition drill team and ceremonial detachment.

The department periodically sponsors other activities including; rappelling demonstrations, ranger weekends, road marches, leadership exercises, adventure training, land navigation exercises, patrolling and survival skills training.

Military science students may substitute the following courses for one semester hour of physical education activity requirements in the general education program: ARMY 1171, 1181, 2271, 2281, 3371, 3381, 4471 and 4481.

ADVANCED COURSE ADMISSION REQUIREMENTS

Prerequisites: Students must complete the basic course (ARMY 1111, 1121, 1171-1181, 2212, 2222, and 2271-2281) or receive constructive credit prior to enrolling in the advanced course (ARMY 3313, 3371, 3323, 3381, 4413, 4423, 4471, 4481). Students with prior military service or JROTC experience may be eligible for constructive credits and advanced placement.

Course	Prerequisites
ARMY 3313	ARMY 1111, 1121, 1171-1181, 2212, 2222, and 2271-2281, completion of the summer internship or prior service, or have completed four years of junior ROTC in high school.
ARMY 4413	ARMY 3313, 3371, 3323, 3381

COMMISSIONING PROGRAM REQUIREMENTS

A cadet must satisfy the following requirements to be commissioned
Complete or receive constructive credit for at least 20 hours of Military Science.

Option 1. Four Year Program (Students entering the ROTC program as freshmen)
Military Science Courses 26 SCH

Option 2. Two Year Program (Students entering the ROTC program as juniors)
Summer Internship Program
Military Science Courses 20 SCH

Option 3. Prior Service or Junior ROTC Program
a. Military Science Courses 16 SCH
b. Professional Development Courses 9 SCH (Consist of Oral/Written Communications, History and Computer required under general education requirements for all majors)

1. Satisfactorily complete National Advanced Leadership Camp.
2. Complete the Enhanced Skills Program.
3. Demonstrate proficiency in military history.

Minor Field Requirements	16 SCH
ARMY 3313, 3323, 3371, 3381	8 SCH
ARMY 4413, 4423, 4471, 4481	8 SCH
Completion of Enhanced Skills	
Receive a minimum grade of C in all Military Science Courses.	

Military Science Curriculum

FRESHMAN YEAR, BASIC COURSE

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARMY 1111 Foundations of Officership I	1	ARMY 1121 Foundations of Officership II	1
ARMY 1171 Leadership Lab I	1	ARMY 1181 Leadership Lab II	1
Total	2	Total	2

SOPHOMORE YEAR, BASIC COURSE

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARMY 2212 Individual Leadership Studies and Team Work I	2	ARMY 2222 Individual Leadership Studies and Team Work II	2
ARMY 2271 Leadership Lab III	1	ARMY 2281 Leadership Lab IV	1
Total	3	Total	3

SUMMER SESSION (for cadets that need to get constructive credit for the basic course)

	<i>Hours</i>
ARMY 2224 AROTC Summer Internship	4
Total	4

JUNIOR YEAR, ADVANCED COURSE

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARMY 3313 Principles and Techniques of Leadership and Management	3	ARMY 3323 Leadership Skills and Small Unit Tactics	3
ARMY 3371 Leadership Lab V	1	ARMY 3381 Leadership Lab VI	1
Total	4	Total	4

SENIOR YEAR, ADVANCED COURSE

<i>First Semester</i>	<i>Hours</i>	<i>Second Semester</i>	<i>Hours</i>
ARMY 4413 Leadership and Management I	3	ARMY 4423 Leadership and Management II	3
ARMY 4471 Leadership Lab VII	1	ARMY 4481 Leadership Lab VIII	1
Total	4	Total	4

Naval Reserve Officers Training Corps

ADMINISTRATIVE OFFICER

CAPT Larry J. Watson, USN, *Professor of Naval Science*

FACULTY

LtCol James R. Wallace, USMC, *Associate Professor of Naval Science*

Capt Geoffrey J. McKeel, USMC, *Assistant Professor of Naval Science*

LT Andrew G. Sikkenga, USN, *Assistant Professor of Naval Science*

LT Marcus O. Thomas, USNR, *Assistant Professor of Naval Science*

PURPOSE AND GOALS

The Prairie View A&M University Naval ROTC Unit was established in March of 1968. The staff of the Naval Science Department consists of active duty Navy and Marine Corps personnel and civilian administrative assistants who are dedicated to producing officers of the highest quality for the Navy and Marine Corps.

Upon graduation, qualified Naval ROTC midshipmen and/or officer candidates are commissioned as Ensigns in the U.S. Navy Reserve or Second Lieutenants in the U. S. Marine Corps Reserve. Scholarship midshipmen are obligated to serve a minimum of four years on active duty. Non-scholarship midshipmen normally are obligated to serve three years.

NROTC PROGRAMS

Four-Year Scholarship Program

Naval ROTC midshipmen and officer candidates join the unit as recipients of various scholarships (i.e., four-year national scholarships, Tweeddale Scholarships, or Historically Black College/University scholarships). The goal of all students enrolled in the program is to earn a Navy or Marine Corps reserve commission. Scholarship NROTC students, men and women, are selected annually through nationwide competitive examinations, interviews, and review of high school records. Those selected for scholarship are appointed midshipmen, U.S. Naval Reserve, and receive benefits during their remaining years of school which include tuition, instructional fees, uniforms, a book stipend (\$600 per year), and a monthly stipend of \$250-\$400 for a maximum of 40 months (Current monthly stipend is \$250 for 1st year students, \$300 for 2nd year students, \$350 for 3rd year students, and \$400 for 4th year students).

Two-Year Scholarship Program

Men and women who are junior college transfers are eligible to participate in the NROTC program if they are physically qualified and selected for training during their sophomore year. Each student selected will receive six weeks of Navy-oriented instruction and drill in lieu of the normally required freshman and sophomore naval science courses. Training occurs during the summer between the sophomore and junior years at the Naval Science Institute (NSI). Successful completion of the NSI course qualifies these students for enrollment in junior-year NROTC courses and for appointment as NROTC scholarship midshipmen.

College Program

Students that do not meet the requirements for a four-year scholarship can voluntarily enter the NROTC Program and participate in all unit classes, laboratories, activities and events during their freshman and sophomore year. In order to continue in the program and receive a commission, these students must either be selected for a two-year scholarship or meet the requirements and be designated as an Advanced Standing College Programmer prior to the start of their junior year. Transfer to the scholarship program or advanced standing in the college program requires the student to meet Navy physical qualification standards and demonstrate leadership ability and high academic performance.

- Those selected for scholarship are appointed midshipmen, U.S. Naval Reserve, and receive benefits during their remaining years of school which include tuition, instructional fees, uniforms, a book stipend (\$600 per year), and a monthly stipend of \$250-\$400 for a maximum of 40 months (Current monthly stipend is \$250 for 1st year students, \$300 for 2nd year students, \$350 for 3rd year students, and \$400 for 4th year students).

- College program midshipmen pay their own fees, except for uniforms and naval science textbooks. College program students, upon entering the advanced phase of Naval Science as juniors, receive a stipend of \$350 per month (\$400 per month as a senior) for a maximum of 20 months.

NAVAL SCIENCE MINOR PROGRAM REQUIREMENTS

Any student attending Prairie View A&M University can minor in Naval Science by completing the following academic requirements:

Minor Field Requirements	18 SCH
NAVY 1013, 1023, 2013.....	9 SCH
NAVY 3103 or 3023, 4013 or 4103, and 4023	9 SCH

Note: Students must earn a minimum grade of “C” in all classes taken in their major disciplines and a minimum grade of “C” in all classes taken in their minor disciplines.

COMMISSIONINGPROGRAM REQUIREMENTS

In order to receive a commission in either the United States Navy or United Marine Corps a student must be accepted into either the four-year scholarship program, the two-year scholarship program or be accepted into Advanced Standing in the College Program.

Commissioning Academic Requirements	
Ensign, U. S. Navy	
NAVY 1013, 1023, 2013, 2023, 3013, 3023, 4013, 4023.....	24 SCH
Second Lieutenant, U. S. Marine Corps	
NAVY 1013, 1023, 2013, 3103, 4023, 4103.....	18 SCH

Note: All Naval Science courses, for students pursuing a commission, include a mandatory two hour (0 SCH) professional development laboratory.

Commensurate Programs

1. Naval Science students may select naval science courses as free electives or electives in their degree programs.
2. Naval Science students may substitute Introduction to Naval Science (NAVY 1013), Leadership and Management I (NAVY 2013), or Amphibious Warfare (NAVY 4103) for up to two semester hours of the physical education activity requirement in the general education program.
3. The requirement of six semester hours in American or Texas history can be met by completing three semester hours in history and three semester hours in naval science (NAVY 1023, 3103 or 4103).

SPECIAL REQUIREMENTS

In addition to completing the naval science courses listed above, students must satisfy the following requirements.

<i>Title</i>	<i>Year Taken</i>	<i>Normally Required/Recommended</i>	<i>Minimum Semester Hours</i>
Calculus (Differential and Integral) (two of the following courses): MATH 1124, 2024, 2034, 2043, 4173	Freshman-Sophomore	Required of all Navy Option Scholarship students by end of Sophomore year. Recommended for all others	8 SCH
General Physics (Calculus-based): PHYS 2513 and 2523	Sophomore-Junior	Required of all Navy Option Scholarship students by end of Junior year. Recommended for all others.	8 SCH
Mathematics MATH 1113 and 1123	Freshman-Junior	Required of all Navy Option College Program students	6 SCH
Physical Science (two of the following courses): PHSC 2014, 2024, 4313, 4324	Sophomore-Senior	Required of all Navy Option College Program students	6 SCH
American Military Affairs or National Security Policy (one of the following courses): HIST 1313, 1323, 1813, 1828, POSC 3533, 3543	Junior-Senior	Required for all NROTC students	3 SCH
Computer Science (one of the following courses): COMP 1003, 1013, 1133, 1143, 1213, 1223	Junior-Senior	Required for all Navy Option students by end of Senior year	3 SCH
English (two of the following courses): ENGL 1123, 1133, 2143, 2153, 2263, 2273, any 3200 or 4200 level course and SPCH 1003	Freshman-Sophomore students by end of Senior year	Required of all Navy Option Scholarship students by end of Senior year.	6 SCH
Total (depending on option – Navy or Marine Corps – and scholarship or college program.			35-40 SCH

1. All Navy drills, ceremonies, information briefings, seminars, and supplemental workshops scheduled during any semester are considered naval science course requirements.
2. Swimming at the level of HUPF 1011 (intermediate swimming) is required for all students by completion of the freshman year. Swimming at the level of HUPF 2091 (advanced swimming) is required for all students by completion of the sophomore year.
3. Qualification as a Mate A and Skipper B in the unit's small boat sail program.
4. Development Opportunities. NROTC midshipmen are encouraged to participate in all areas of university life. Midshipmen regularly participate on athletic teams, in student government, and on special university committees, as well as in fraternities and sororities. Through the NROTC program, midshipmen may become members of the Drill Team, Color Guard, and Navy and Marine Corps professional development societies.