LAMAR UNIVERSITY - BEAUMONT

Supplement To Lamar University General Catalog 1992-1994

This SUPPLEMENT to the general catalog 1992-1994, Volume 41, No. 1, introduces changes that have been made during the past year which should be published before the 1994-'96 General Catalog.

The provisions of this catalog do not constitute a contract, expressed or implied, between any applicant, student and faculty member in Lamar University-Beaumont. The University reserves the right to withdraw courses at any time, change fees, calendars, curricula, graduation procedures and any other requirement affecting students. Changes become effective when the proper authorities so determine the application to both prospective students and to the students already enrolled.

Lamar University is an equal opportunity/affirmative action educational institution and employer. Students, faculty and staff members are selected without regard to their race, color, creed, sex, age, handicap or national origin, consistent with the Assurance of Compliance with Title VI of the Civil Rights Act of 1964; Executive Order 11246 as Section 504 of the Rehabilitation Act of 1973. Inquiries concerning application of these regulations may be referred to the Office of the Vice President for Administration and Council.

Catalog of Lamar University-Beaumont (USPS 074-420).
Third class postage paid at Beaumont, Texas 77710.
Admissions 3

ADMISSIONS

Requirements for Students Entering from High Schools

An applicant is required to have graduated from an accredited high school and to have submitted SAT or ACT entrance examination scores. Minimum score requirements are specified in paragraph I.B. below. Applicants who have attended another college or university cannot disregard that enrollment and seek admission only on the basis of their high school records.

Equivalency diplomas granted on the basis of GED scores will not fulfill entrance requirements.

The admissions requirements are as follows:

I. Unconditional Admission

A. Granted to students who meet the following prerequisites:
   1. Attainment of a high school diploma from an accredited high school AND
   2. Successful completion of 14 high school units in college preparatory courses including:
      a) 4 units in college preparatory English courses (English I, II, III and IV or English V - academic or higher level English courses).
      b) 3 units of college preparatory mathematics courses (Algebra I, II, Geometry or higher level mathematics courses).
      c) 2 units of laboratory science courses (any 2 units from Biology I, II, Chemistry I, II, Physics I, II or Geology).
      d) 2 1/2 units of social science courses (U.S. History, 1 unit, and U.S. Government 1/2 unit, and World History Studies, 1 unit or World Geography Studies, 1 unit).
      e) 2 1/2 units of approved college preparatory course electives. Two units of foreign language are recommended.

B. In addition, all applicants must submit SAT or ACT scores. Students must graduate in the top quarter of their high school class OR achieve a minimum composite score on the SAT/ACT as follows:

   Rank in high school class by quarter
   1st quarter no minimum required
   2nd quarter 800 SAT/20 ACT
   3rd quarter 900 SAT/21 ACT
   4th quarter 1000 SAT/24 ACT

II. Individual Approval Admission

A. Applicants who fail to meet the requirements for Unconditional Admission may be considered on an Individual Approval basis. A limited number of applicants may be admitted under this provision.

B. Students admitted as “Individual Approvals” are subject to the following provisions:
   1. mandatory advisement
   2. maximum enrollment in 6 credit hours in a summer term and 14 credit hours in a fall or spring term.
   3. Successful completion of at least 9 credit hours of collegiate (i.e., non-developmental) courses including ENG 131 or MTH 1334 (or a higher numbered math course) with a GPA of 2.0 or higher within 12 months of their first registration at Lamar University-Beaumont.
C. Students who do not satisfactorily complete the provisions of Individual Approval admission will be denied readmission to Lamar University-Beaumont for one calendar year.

III. Exceptions
A. Any applicant over 25 years of age will be granted admission with proof of high school graduation and presentation of SAT or ACT scores.
B. A non-high school graduate who is at least 19 years of age and whose high school class has been graduated for at least one year may apply for admission under Individual Approval provisions. Such applicants must 1) demonstrate the aptitude and seriousness of purpose to successfully pursue a college course of study, and 2) furnish evidence of preparation substantially equivalent to that required of other applicants. Evidence must include a GED, SAT or ACT scores and transcripts of previous academic work.
C. Graduates of non-accredited high schools may apply for admission under Individual Approval provisions.

IV. Additional Requirements
In addition to these general admission standards, Lamar University-Beaumont preprofessional and professional programs may require separate, more rigorous standards commensurate with the demands of the various programs.

When to Apply
Application deadlines for new and former students are
Fall semester August 1, 1993
Spring semester January 2, 1994
Summer I semester May 30, 1994
Summer II semester July 5, 1994

Applicants whose applications are not completed by these deadlines will not be admitted.
## FEE SUMMARIES
Lamar University-Beaumont
Fall 1993/Spring 1994

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Refunds and/or Fees, Dropped Courses and/or Withdrawal from the University

Replace last paragraph to Refund of Tuition and/or Fees:
Refunds for dropped classes are generally processed at the end of the second week past the 12th class day for Fall or Spring and two weeks after the 4th class day for Summer sessions. Refunds for withdrawals are generally processed at the end of the second week following the 12th class day for Fall or Spring and two weeks following the 6th class day for Summer sessions.

Replace first paragraph under Dropped Courses:
Students who officially drop courses in the Registrar's Office during the drop period will receive a refund of tuition and fees, based on the listing in the General Catalog, 1992-1994.

Replace first paragraph under Withdrawal from the University:
Students officially withdrawing during the periods noted in the General Catalog 1992-1994 will receive a refund on tuition, Setzer Center, student service, laboratory, building and general use and private lesson fees according to the schedule listed in the General Catalog 1992-1994. NOTE: Students who withdraw from the University are required to surrender their Parking Permits in the Finance Office in order to receive the appropriate percentage refund of those fees. Students who withdraw must surrender their University Identification Cards in the Finance Office. Cards will be replaced at Photo ID Services whenever the student returns to Lamar University-Beaumont and presents a paid fee schedule and receipt.

Recreational Sports Addition (p. 65, General Catalog 1992-1994)
Fitness programming including aerobics and weight conditioning is available for students, faculty and staff. A nominal registration fee is charged for participation in the aerobics program. Aerobics classes are held at various times and locations on campus. The weight room, located in Dining Hall B, offers a line of free weights, universal machines, stair climbers and exercise cycles. Hours are posted each semester for both the weight room and the aerobics program.

Housing (see page 68, General Catalog 1992-1994)
Replace last sentence with the following:
Exceptions to the parietal rule may be granted if one or more of the following criteria are met: over 21 years old (attach certified copy of birth certificate and/or a valid driver's license); currently married (attach certified copy of marriage license); military service (attach proof of active duty status or honorable discharge); or living with parent(s) or guardian(s). Applications for exceptions may be obtained from the University Housing Office or the Lamar University-Beaumont admissions office.
NEW COURSES

College of Arts and Sciences

Department of Geology

438 Subsurface Geology

Geologic mapping and correlation from subsurface data. Computer mapping techniques applied to petroleum, mineral and ground water exploration.

Prerequisite: GEO 341 or 441.

442 Paleontology

Principles of paleontologic interpretation including classification, morphologic analysis and identification of invertebrate and vertebrate fossils. Application of paleontology to stratigraphic correlation. Field trip and special fee required.

4308 Field Geology of Texas

Geologic history, topography, physiography, structure and mineral deposits of Texas observed on location at classic geologic exposures across Texas and adjacent states. Camping on and hiking across geologic outcrops will be an integral part of this field experience. Field trip and special fee.

Prerequisite: GEO 241 or permission of Instructor.

4390 Rocks and Stars

A conceptual introduction to space science with emphasis on planetary exploration. Visual programs and guest speakers from NASA and other space research facilities are included. For both non-science and science majors.

Prerequisite: Eight hours of science.

College of Business

Department of Administrative Services

133 Introduction to Microcomputers for Business Applications

Role of microcomputers in a business environment. Computer literacy concepts, DOS, applications of word processing and spreadsheets in business communications and problem solving. Introduction to concepts and applications of databases and database management.

234 Advanced Microcomputer Applications

Advanced features of DOS, physical assembly of hardware, loading software, networking, advanced spreadsheet applications, file maintenance and database management, modeling of a business as a transaction-driven entity.

Prerequisite: BAC 133.

337 Information Systems Modeling Techniques

Consideration of more advanced information needs in a business organization. Routine maintenance as well as upgrading of files and programs using a microcomputer-based procedural language. Introduction of CASE tools and prototyping as system modeling techniques in the development of a conceptual framework for a Management Information System.

Prerequisite: COBOL course.

438 Business Systems Development Project

Analysis, design, implementation and presentation of a real-world system. Hardware and software considerations, user interface, test files, presentation techniques. Application of CASE tools, data flow diagrams and other system development and presentation techniques.

Co-requisites: BAC 337 and BAC 437
College of Engineering

Department of Computer Science

130  Microcomputers and Society
     Overview of problems of information storage, how computers actually work on information and how to
     communicate with the computer. Investigation of general applications: visual and audio communication,
     databases, simulation, artificial intelligence, education and training and communication. Programming
     language and software packages employed include LOGO, word processing, spreadsheets and database
     management systems.

335  Representation of Information
     The study of utilization, representation and delivery of information via computing facilities. Procedural,
     logical and object-oriented paradigms are investigated. Topics include recursive algorithms and programs,
     big-oh analysis and running time of programs, propositional and predicate logic, the tree data model, the
     set data model, the relational data model and an introduction to object-oriented design and analysis.
     Programming assignments in procedural, declarative and/or object-oriented languages. Design/analysis as­
     signments using an object-oriented system.

Department of Electrical Engineering

431  Electronics II
     Indepth study of semiconductor device and integrated circuit characteristics, stability, feedback amplifiers
     and frequency response.
     Prerequisite: EE 333, 3305, 331.

Department of Mathematics

338  Advanced Calculus
     Vector spaces, gradient, divergence, Green's theorem, integration, change of variables, inverse function
     theorem, implicit function theorem.

4326 Real Analysis
     Real number system, connectedness, compactness, completeness, continuity and uniform continuity, Rie­
     mann integration.
     Prerequisite: Mth 241.
University Honors Program

Director: Sallye Sheppeard, 16 Maes Building, Phone 880-8558/8590

The Lamar University Honors Program is an enriched program offering a variety of courses designed specifically for qualified and highly motivated students. Honors courses are more challenging and creative than regular courses.

Students working toward an approved baccalaureate degree in any of the colleges may participate. Some scholarships are available. In order to be admitted to the Honors Program, entering freshmen must have a score of at least 1000 on the SAT. College students participating in the program must maintain a 3.1 overall grade point average. The benefits of participating are several: the prestige of having been selected for an accelerated academic program; the possibility of winning a commencement award given to the graduating senior with the highest grade point average who participated in the Honors Program; and most importantly, additional learning opportunities.

To graduate with honors in the University Honors Program, a student must complete 39 hours in the honors curriculum, to be distributed as follows: at least 24 hours of freshman-sophomore honors core curriculum courses and an additional 15 hours of junior-senior honors courses, including the honors thesis. Core curriculum courses may not be substituted for junior-senior level courses.

Students interested in University Honors should contact the director.

Honors Core Curriculum Courses

All Honors core curriculum courses are especially designed for the Honors Program and meet university core curriculum requirements. See appropriate departmental listings for descriptions not included.

**Honors Philosophy (PHI 130H) Philosophy of Knowledge**
Satisfies Core Curriculum philosophy of knowledge requirement. 3:3:0

**Honors Composition (Eng 136) Rhetoric and Composition**
Satisfies complete 6-hour Core Curriculum freshman composition requirement (Eng 131 and Eng 132, 134, 135, or 136).
Prerequisite: see departmental listing. 3:3:0

**Honors Literature (Eng 2318) British/World Literature**
Satisfies 3-hour Core Curriculum literature (Eng 2311 or 2313 only) or foreign language requirement. 3:3:0

**Honors Speech (Spc 131H) Public Speaking**
Meets speech requirement in Core Curriculum. 3:3:0

**Honors History (His 268H) The American Experience**
Interdisciplinary survey of American civilization, with emphasis on American history and literature. Meets five times per week; grants 9-hours credit, inclusive of Core Curriculum 6-hour American history (His 231 and 232) requirement and 3-hour literature (English 2312 only) requirement. 6:5:0

**Honors Fine Arts (Art 136H) Society and the Arts**
Interdisciplinary focus on the interrelationship of the fine arts (art, music, drama), with particular emphasis on the fine arts as expressions of culture. Satisfies 3-hour Core Curriculum fine arts requirement. 3:3:0

**Honors Mathematics Science (Mth 148H) Calculus and Analytic Geometry**
Satisfies Core Curriculum mathematical science (algebra or above only) requirement. Prerequisite: see departmental listing. 4:4:0

**Honors Methods of Qualitative Data Analysis (CS 3325H) Computer Law/Ethics**
Provides sufficient skills in statistical analysis to handle some elementary applications in social science research and to deal with concerns raised by computers in modern society, such as ethics, privacy, computer crime. Satisfies 3-hour Core Curriculum requirement in mathematical science/methods of qualitative data analysis. May not be substituted for mathematics science (algebra or above). 3:3:0
**Honors Science (Bio 14211) General Biology**  
Satisfies 4 hours of 8-hour Core Curriculum laboratory science requirement.  
*Prerequisite: see departmental listing.*

**Honors Science (Chm 14211) General Chemistry**  
Satisfies 4 hours of 8-hour Core Curriculum laboratory science requirement.  
*Prerequisite: see departmental listing.*

**Honors Social Science (Soc 13311) Development of Social Science**  
Historical approach to the social sciences, offering differing perspectives on issues common to the various disciplines (anthropology, economics, psychology and sociology).  
*Satisfies 3-hour Core Curriculum social science requirement.*

**Junior-Senior Honors Courses (Hon)**

**331 Honors Seminar I**  
An interdisciplinary course designed for Honors Program. Content depends upon topic, including that listed below.  
*May be repeated for credit when topic varies.*

- **Global Economics**  
  Investigates and describes the interdependence of world economies. Subjects include supply and demand, international trade and finance, comparative economic systems, growth and third world nations, national economic coalitions, and current economic issues.

**431 Honors Seminar**  
An interdisciplinary course designed for Honors Program. Content depends upon topic, including those listed below.  
*May be repeated for credit when topic varies.*

- **Human Nature and the Human Condition**  
  A multidisciplinary investigation of the issue of human nature from the viewpoints of anthropology, psychology and sociology. Examines modern culture and society with special attention to problems having worldwide impact: poverty, over-population, environmental degradation, refugees and drugs.

- **Environment and Ecology**  
  A multidisciplinary survey of the many dimensions of protecting our natural resources and quality of life. Topics include ecological systems, threats and damage to the environment and alternatives, national and international regulatory agencies and standards and activities of private environmental groups.

**Honors Thesis**  
Six-hours guided research, writing and defense of selected topic in major discipline(s) of study; topic to be selected and submitted for Honors Council approval during junior year.
Career Development and Placement Center

The Center, Galloway Building, Suite 102, offers career guidance, including seminars on specific career fields, as well as personal career counseling/career planning. Two computerized career guidance systems are utilized: SIGI PLUS (ETS) and DISCOVER (ACT). Vocational interest inventories and personality tests are also administered. Students undecided about their career plans should seek help during their first semester at Lamar. The Center can also be extremely valuable in helping students select appropriate graduate or professional schools.

The Center’s Student Employment Service offers all students referrals for off-campus part-time and summer jobs, internships and co-ops. These jobs, available regardless of financial need, frequently are career-related positions and offer valuable experience.

Placement services for students about to graduate include fall and spring on-campus recruiting programs, job postings, job referrals and the opportunity to be listed in a database available to recruiters nationally. Students graduating in spring should begin interviewing the previous fall. Seminars and workshops on job hunting strategies, resume writing and interview techniques are offered. Experienced interviewers are available to videotape mock interviews and critiques.

The Center sponsors career fairs on campus and in Houston sponsored jointly by other area colleges. An annual Teachers Job Fair is co-sponsored by the Center and the College of Education and Human Development.

The Center maintains credential files for students going into the teaching fields. An excellent career library, alumni services and spouse relocation assistance for new members of the Lamar community are available.

Library

Also located on the second floor of the Mary and John Gray Library, is the Gulf Coast Environmental library, the focus of which is the industrial treatment of hazardous waste.

Board of Regents
Lanny C. Haynes .............................................................. Vidor
Mona Plunk ................................................................. Silsbee

General Administration, Lamar University-Beaumont
W. Brock Breatlinger, Ph.D., Interim President
James M. Simmons, Ed.D., Dean, College of Fine Arts and Communications
LeBlanc McAdams, Ph.D., Dean, College of Education and Human Services

New Faculty 1993 - 94
Alcazar, Sandy, 1991, Clinical Instructor of Speech and Hearing
Bandyopadhyay, Soumava, 1992, Assistant Professor of Marketing
Bradley, Connie, 1992, Lecturer of English
Bridges, Christine, 1992, Assistant Professor of Spanish
Dickens, Laura L., 1992, Lecturer of English
Dunlap, Carla, 1989, Lecturer of Developmental Reading
Field, Colleen R., 1992, Lecturer of English
Franklin, Thomas Claiborn, 1992, Instructor of Audiology
Granger, James P., 1992, Lecturer of Physics
Howard, Jack Lee, 1992, Assistant Professor of Management
Hunter, Kenneth G., 1992, Visiting Assistant Professor of Political Science
Latimer, Robia M., 1992, Lecturer of English
Lawson, Gwendolyn A., 1988, Clinical Instructor of Nursing
Leach, Carol Ann, 1992, Lecturer of Political Science
Lee, Sun Chai, 1992, Assistant Professor of Civil Engineering
Loges, Max, 1991, Assistant Professor of English/Foreign Languages
Maxum, Bernard J., 1992, Professor of Electrical Engineering and Chair
Patillo, Diana A., 1992, Assistant Professor of Social Work
Picou, Armand E., 1992, Assistant Professor of Finance
Sen, Kabir Chandra, 1992, Assistant Professor of Marketing
Smalley, Nancy, 1989, Lecturer of English
Strandberg, Susan M., 1992, Lecturer of English
Sullivan, Laura A., 1991, TASP Lecturer
Taylor, Sandra E., 1992, Instructor of Nursing
Weaver, Julie K., 1991, Adjunct Assistant Professor and Librarian

New Positions
Bell, Robert, Assistant Vice President for Information Systems
Fortenberry, Marsha, Assistant Director, Accounting
Godkin, Roy Lynn, Chair, Department of Marketing and Management
Green, Alexa, Interim Chair, Department of Nursing
Hinchey, Jane O., Chair, Department of Home Economics
Howard, Bertin, Assistant Vice President for Finance/Controller
LeBlanc, John R., Interim Chair, Department of Music
O'Neill, Robert C., Interim Chair, Department of Art
Price, Victoria, Director of English-as-a-Second Language Program
Sheppeard, Sallye J., Director for University Honors Program
Storey, John W., Chair, Department of History
Utter, Glenn H., Interim Chair, Department of Political Science