

LAMAR UNIVERSITY • BEAUMONT

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general catalog 1992-1994



**SUPPLEMENT**  
**1993-1994**

## 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

### 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 pre-professional 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

No. Sem. Hours	Tuition		Stu. Serv. Fee	Gen. Use Fee	Setzer Center Fee	Property Deposit	Computer Use Fee	Total	
	Texas Resident	Non-Texas Resident						Texas Resident	Non-Texas Resident
1	\$100	\$ 162	\$ 13	\$ 10	\$30	\$10	\$ 3	\$168	\$ 228
2	100	324	26	20	30	10	6	192	416
3	100	486	39	30	30	10	9	218	604
4	100	648	52	40	30	10	12	244	792
5	120	810	65	50	30	10	15	290	980
6	144	972	78	60	30	10	18	340	1168
7	168	1134	91	70	30	10	21	390	1356
8	192	1296	104	80	30	10	24	440	1544
9	216	1458	117	90	30	10	27	490	1732
10	240	1620	117	100	30	10	30	527	1907
11	264	1782	117	110	30	10	30	561	2079
12	288	1944	117	120	30	10	30	595	2251
13	312	2106	117	130	30	10	30	629	2423
14	336	2268	117	140	30	10	30	663	2595
15	360	2430	117	150	30	10	30	697	2767
16	384	2592	117	150	30	10	30	721	2929
17	408	2754	117	150	30	10	30	745	3091
18	432	2916	117	150	30	10	30	769	3253
19	456	3078	117	150	30	10	30	793	3415
20	480	3240	117	150	30	10	30	817	3577

### Summer 1994

No. Sem. Hours	Tuition		Stu. Serv. Fee	Gen. Use Fee	Setzer Center Fee	Property Deposit	Computer Use Fee	Total	
	Texas Resident	Non-Texas Resident						Texas Resident	Non-Texas Resident
1	\$ 50	\$ 162	\$13	\$ 10	\$15	\$10	\$ 3	\$101	\$ 213
2	50	324	26	20	15	10	6	127	401
3	72	486	39	30	15	10	9	175	589
4	98	648	52	40	15	10	12	225	777
5	120	810	59	50	15	10	15	269	959
6	144	972	59	60	15	10	18	306	1134
7	168	1134	59	70	15	10	21	343	1309
8	192	1298	59	80	15	10	24	380	1484
9	216	1458	59	90	15	10	27	417	1659
10	240	1620	59	100	15	10	30	454	1834

## **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** 3:2:3  
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** 4:3:3  
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.
- 4306 Field Geology of Texas** 3:2:3  
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** 3:3:0  
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** 3:3:0  
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** 3:3:0  
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** 3:3:0  
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** 3:3:0  
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** 3:3:0  
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, data bases, 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** 3:3:0  
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 assignments using an object-oriented system.

### Department of Electrical Engineering

- 431 Electronics II** 3:3:0  
In-depth 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** 3:3:0  
Vector spaces, gradient, divergence, Green's theorem, integration, change of variables, inverse function theorem, implicit function theorem.
- 4326 Real Analysis** 3:3:0  
Real number system, connectedness, compactness, completeness, continuity and uniform continuity, Riemann integration.  
*Prerequisite: Mth 241.*



## University Honors Program

**Director: Sallye Sheppard, 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** 3:3:0  
Satisfies Core Curriculum philosophy of knowledge requirement.

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

Prerequisite: see departmental listing.

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

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

**Honors History (His 288H) The American Experience** 6:5:0  
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.*

**Honors Fine Arts (Art 136H) Society and the Arts** 3:3:0  
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.*

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

**Honors Methods of Qualitative Data Analysis (CS 3325H) Computer Law/Ethics** 3:3:0  
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 mathematic science (algebra or above).*

- Honors Science (Bio 142H) General Biology** 4:3:3  
Satisfies 4 hours of 8-hour Core Curriculum laboratory science requirement.  
*Prerequisite: see departmental listing.*
- Honors Science (Chm 142H) General Chemistry** 4:3:3  
Satisfies 4 hours of 8-hour Core Curriculum laboratory science requirement.  
*Prerequisite: see departmental listing.*
- Honors Social Science (Soc 133H) Development of Social Science** 3:3:0  
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** 3:3:0  
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** 3:3:0  
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** 6:6:0  
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.

## Directory of New Personnel 1993-1994

### Board of Regents

Lanny C. Haynes ..... Vidor  
Mona Plunk ..... Silsbee

### General Administration, Lamar University-Beaumont

W. Brock Brentlinger, *Ph.D., Interim President*  
James M. Simmons, *Ed.D., Dean, College of Fine Arts and Communications*  
LeBland 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, Robin 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, Alexia, *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 G., *Interim Chair, Department of Art*  
Price, Victoria, *Director of English-as-a-Second Language Program*  
Sheppard, Sallye J., *Director for University Honors Program*  
Storey, John W., *Chair, Department of History*  
Utter, Glenn H., *Interim Chair, Department of Political Science*