



COLLEGE OF NATURAL SCIENCES AND MATHEMATICS
OFFICE OF THE DEAN

Memorandum

RECEIVED MAR 06 2008

APPROVED APR 16 2008

From: Ian Evans, Associate Dean, NS&M

To: Marsha Daly

Subject: Catalog changes & a new minor

Date: 5 March 2008

The college curriculum committee met on Monday March 3rd and voted to approve two items submitted by the Geosciences and Computer Science Departments.

ITEM I. The Computer Science Department requested that the Computer Science Special requirements for transfer students be rescinded. As these requirements were substantially higher than the requirements for change of major in the other departments in the college, there was no objection to this change and it was approved unanimously. It will require removing language from the catalog on pages 20 and 21; and page 275. The requirements for a student wishing to declare a major in Computer Science would then match the University/College requirements (See attached documents). Contact Person: Dr. Victoria Hilford.

~~ITEM II. The Geosciences Department is requesting the addition of a minor in Atmospheric Science (See attached document). This proposal was approved unanimously by the curriculum committee. Contact person: Dr. William Dupre.~~

*Has been forwarded to
Degree Programs Committee*

Cc: W. R. Dupre, GEOL
J. F. Casey, GEOL
V. Hilford, COSC
M. Garbey, COSC



THE UNIVERSITY OF HOUSTON

Department of Computer Science

M E M O R A N D U M

Date: February 15, 2008

To: Dr. Ian Evans, Associate Dean

From: Victoria Hilford, Director of Undergraduate Studies

Dear Ian Evans,

Computer Science Department Curriculum Committee and Computer Science Faculty have voted on removing any and all CS Special Requirements for transfer students.

Attached are the 2 places in the catalog that need to be removed.

Signed: Victoria Hilford



bioinformatics, biomedical image analysis, computer networks, computer vision, computer graphics, databases, video-on-demand, high performance computing, internet computing, operating systems, parallel and distributed computing, physics-based modeling and simulation, real-time systems, software engineering, scientific computing, and theory. Several faculty members have interdisciplinary interests in chemistry and the biological/medical sciences.

Freshman Admission to Computer Science

Applicants will be admitted as computer science majors if they meet the following minimum standards:

| Rank in Class | Minimum Score for Admission to Department | | |
|---------------|---|--------|-----|
| | SAT(after 3/95) | Verbal | ACT |
| Top 10 % | 1100 | 550 | 24 |
| 1st quarter | 1100 | 550 | 24 |
| 2nd quarter | 1150 | 550 | 25 |
| 3rd quarter | 1200 | 550 | 26 |
| 4th quarter | Not admissible | | |

Transfer Students

Transfer applicants who have earned fewer than 15 semester hours of college credit must meet the computer science requirements for high school graduates.

Applicants who have earned 15 or more semester hours of college credit cannot be directly admitted to the Computer Science Department. Such applicants should enter the university as University Studies Division (USD - no major - 60 semester hours or less) or any other major of the applicant's choice. The student should then take the courses necessary to satisfy the criteria for change of major to Computer Science for UH Students. The student should obtain advising from the Computer Science Department concerning these courses and other matters related to the student's intended major even though the student is not yet a Computer Science major.

Change of Major Requirements for UH Students

UH students who have earned fewer than 15 semester hours of college credit must meet the Computer Science requirements for high school graduates.

UH students who have earned 15 or more semester hours of college credit must have all of the following:

1. Must have completed at least 15 hours of UH course work with the grade point average of B- or better.
2. Must have completed at least two UH Computer Science courses and at least one UH math course, all of which are applicable to the degree and approved by the Director of Undergraduate Studies for the Computer Science Department.
3. Must have a grade point average of B- or better for all UH computer science courses applicable to the degree attempted.
4. Must have a grade point average of B- or better for all UH math courses applicable to the degree attempted.

Computer Science Major

Students who choose to major in computer science must meet the following requirements in addition to the special requirements for the Bachelor of Science degree:

Science Option

| Requirements | Hours |
|---|-------|
| Mathematics | |
| MATH 1431, 1432, 2431, 2433, 3336, 3338, and 3339 | 25 |
| Three semester hours of approved 4000-level MATH (Designed to complete a minor in mathematics meeting the NSM Capstone requirement. | |
| Note: students must file for a minor and meet all university requirements for a minor.) | 3 |
| Physics | |
| PHYS 1321, 1322 | 6 |
| Computer Science | |
| Cosc 1410, 1320, 2320, 2410, 3410, 3330, 3340, 3480, 4111, 4330, and 4351 | 35 |
| Nine approved advanced semester hours of computer science electives | 9 |

Business Option

| Requirements | Hours |
|--|-------|
| Mathematics | |
| MATH 1431, 1432, 2431, 3336, 3338, and 3339 | 21 |
| Accounting | |
| ACCT 2331 and 2332 | 6 |
| Electives | |
| Nine approved advanced hours from INDE 4333, Disc 3371, 4368, 4370, 4371, 4372, 4379, 4477, or 4478 (Satisfies NSM Capstone requirement) | 9 |
| Computer Science | |
| Cosc 1410, 1320, 2320, 2410, 3410, 3330, 3340, 3480, 4111, 4330, and 4351 | 35 |
| Nine approved advanced semester hours of computer science electives | 9 |

Computer Science Minor

Students who choose to minor in computer science must complete the general requirements for a minor as well as the following.

| Requirements | Hours |
|--|-------|
| Computer Science | |
| Cosc 1410, 1320, and 2320 | 10 |
| Nine hours of approved Cosc courses selected from 3000- and 4000-level Cosc courses. Note that the department enforces the prerequisites of all courses. | 9 |

Students should consult the Academic Regulations and Degree Requirements section of this catalog for general information on the requirements for minors. To apply for a minor degree plan in Computer Science the student must meet the approved requirements: 2.00 minimum cumulative grade point average on the most recent 60 hours of college credit attempted, on all MATH courses attempted and on all Cosc courses attempted. Courses which by catalog statement cannot be applied toward a degree in Natural Sciences and Mathematics, or which have other relevant catalog restrictions will not be included in the minor grade point average.

Natural Sciences
and Mathematics

may be asked to provide test scores, transcripts, military documents, etc., in order to claim an exemption. Contact the University Studies Division for more information. The University Studies Division is located in room 320, Student Service Center 1; telephone 713-743-8982; fax 713-743-8998.

Teacher Certification Students and TSI

TSI scores for admission to teacher education are higher than admission to the university. Check in room 112 Farish Hall for scores required to be admitted to the professional development sequence of the teacher education program.

Test Dates

For information on how to schedule a TSI assessment or quick-TEEA, contact the University Testing Services at 713-743-5444.

Students with disabilities who need testing assistance should contact the Center for Students with Disabilities; 713-743-5400 or 713-743-1527 (TDD), Justin Dart Center for Students with Disabilities.

Additional Information

For information about other TSI policies and the TSI program, contact the University Studies Division, 320 Student Service Center, 713-743-8982.

All new undergraduate students are required to meet TSI requirements before registering for classes. Contact the University Studies Division, 320 Student Service Center, 713-743-8982.

Transfer Student Admission Requirements

General Admission Requirements

Students who have earned fewer than 15 semester hours of college credit must meet the requirements for high school graduates. An applicant who has earned 15 or more transferable semester hours of credit from a college accredited by one of the six regional accrediting associations will be considered a transfer student. Transfer students must be eligible to return to the last college attended and must meet the following minimum grade point average requirements:

1. Applicants who have earned between 15 and 29 semester hours of college credit must have a 2.50 cumulative grade point average.
2. Applicants who have earned 30 or more semester hours of college credit must have a 2.00 cumulative grade point average.

All college credit course grades, including those in repeated courses, are used in computing the grade point average.

Note: An official transcript from each college or university attended must be submitted to the Office of Admissions.

Associate of Arts and Science Degree

Applicants who have graduated with the Associate of Arts or Associate of Science degree from a two-year college accredited by the appropriate Regional Association of Schools and Colleges will be assured general admission to the university. Admission will be granted if the applicant's last college is the two-year

institution at which the associate degree was earned; otherwise, regular transfer admission requirements must be met.

Applicants to the programs, schools and colleges with additional admission requirements must meet the requirements of the particular program.

Applicants with Associate of Arts or Associate of Science degrees from U.S. institutions who have not graduated from a U.S. high school must meet the English proficiency requirements.

College of Architecture Transfer Students With No Previous Architecture Courses

These students follow the same process as for freshmen students. See Freshman Admissions Requirements in this section.

Transfer Students Seeking Credit for Previous Architecture Courses

Admission to the College of Architecture occurs only for study beginning in the Fall semester. The application deadline is March 1. Enrollment in studio courses is restricted to students admitted to the college. Applicants must first meet general university admission requirements (listed in this catalog) in order to be considered by the College of Architecture.

Applicants must submit a portfolio of academic design work which should contain examples of course work accomplished for credit and must be presented in an 8.5 x 11 inch format and contained in a binder, clearly marked with the applicant's name and social security number. Do not send original work, only reproductions. The portfolio must be received by the March 1 deadline and sent directly to the college at:

University of Houston
College of Architecture
Transfer Admissions Committee
122 College of Architecture Bldg.
Houston, TX 77204-4000

The College of Architecture Transfer Admissions Committee will review applications and will mail notification of the admission decision and placement on or before April 15.

Bauer College of Business

Transfer applicants who have earned fewer than 15 semester hours of college credit must meet the Bauer College of Business requirements for high school graduates.

Applicants to the Bauer College of Business who have earned between 15 and 59 semester hours must have a 2.75 cumulative grade point average. Students who have earned 60 or more semester hours must have a 2.75 cumulative grade point average over the last 60 hours of college level work attempted.

Postbaccalaureate students are not eligible to take undergraduate business courses except at the 5000-level, and may not pursue an undergraduate degree in the Bauer College of Business.

See the Bauer College of Business website at www.bauer.uh.edu for more information.

Computer Science Major

Transfer applicants who have earned fewer than 15 semester hours of college credit must meet the com-

puter science requirements for high school graduates.

Applicants who have earned 15 or more semester hours of college credit cannot be directly admitted to the Computer Science Department. Such applicants should enter the university as University Studies Division (no major - 60 semester hours or less) or any other major of the applicant's choice. The student should then take the courses necessary to satisfy the criteria for change of major to Computer Science for UH students. The student should obtain advising from the Computer Science Department concerning these courses and other matters related to the student's intended major even though the student is not yet a Computer Science major. See their website at www.es.uh.edu/ for more information.

Cullen College of Engineering

Transfer applicants who have earned fewer than 15 semester hours of college credit must meet the engineering requirements for high school graduates.

Applicants who have earned 15 or more semester hours of college credit must have all of the following:

1. A grade point average of 2.50 or higher for all college level work attempted
2. A grade point average of 2.50 or higher for all college level math courses attempted
3. A grade point average of 2.50 or higher for all college level chemistry and physics courses attempted
4. A grade point average of 2.50 or higher for all college level English courses attempted; international students must have a TOEFL score of 550
5. A grade point average of 2.50 or higher for all college level engineering courses attempted
6. Must have attempted at least one college level mathematics course and at least one college level physics course or college level chemistry course

See the Cullen College of Engineering website at www.egr.uh.edu/ for more information.

Information Systems Technology

Transfer applicants for a major in Information Technology in the College of Technology who earned fewer than 15 semesters hours of college credit must meet the University of Houston requirements for high school graduates.

Applicants for a major in Information Systems Technology who have earned between 15-59 semester hours of college credit must have a grade point average of 2.50 or higher for all college level work attempted.

Applicants for a major in Information Systems Technology who have earned 59 or more semester hours of college credit must have a grade point average of 2.50 or higher for the last 60 hours of college level work attempted.

Pharmacy

Transfer applicants who have earned between 15 and 45 semester hours of credit must have all of the following in order to enter the pre-pharmacy program:

1. a 2.75 grade point average AND

2. a 2.75 grade point average in all required pre-pharmacy math and science course work attempted. Required pre-pharmacy math/science courses include Calculus, Statistics, General Biology I and II with Labs, General Chemistry I and II with Labs, Microbiology with Lab, Organic Chemistry I and II with Labs, and Physics.

For more information see the Pharmacy website at www.uh.edu/pharmacy/.

Conrad N. Hilton College of Hotel and Restaurant Management - in effect for students entering Fall 2005 and Spring and Summer 2006

Transfer students who have earned fewer than 15 semester hours of college credit must meet the admission requirements for high school graduates.

Transfer applicants who have earned 15 or more semester credit hours must have a 2.50 or higher cumulative grade point average for regular admission. Students with grade point averages between 2.00 and 2.50 may request a review of their application through the college's Individual Admission process.

Conrad N. Hilton College of Hotel and Restaurant Management - in effect for Students entering Fall 2006 and beyond

Transfer students who have earned fewer than 20 semester hours of college credit must meet the admission requirements for high school graduates.

Transfer applicants who have earned 21 to 60 semester credit hours must have a 2.75 or higher cumulative grade point average.

Transfer applicants who have completed over 60 semester credit hours must have a 2.75 or higher cumulative grade point average in their last 60 semester hours. (All grades for which credit was received and grades received for repeated courses are used in computing the grade point average.)

Moore School of Music

Music majors must have a 2.50 grade point average over all music courses attempted at any other college or university and audition for the School of Music faculty.

Admissions Review Committee

Applicants who do not qualify under the other admission options may request a further review of their application through the Individual Admission process. The review will be based on an overall assessment of each applicant's circumstances in respect to her or his potential for academic success at the university. Such consideration may be based upon one or more of the following:

1. Extenuating circumstances, including educational disadvantage, which adversely affected the applicant's academic record and/or test scores
2. Evidence of exceptional achievement or aptitude not reflected in the applicant's record or national preadmissions test
3. Evidence of exceptional talent or ability in artistic, scholarly, or athletic performance

Information that may be considered includes, but is not limited to, a statement by the applicant, recom-

Admission and
Registration