TO:    Dr. David Reed, Chair of Graduate Council
       Dr. Robert Webb, Interim Dean of Graduate Studies

FROM:  Dr. Louis G Tassinary, Director of Graduate Studies
       College of Architecture

DATE:  13 May 2008

RE:    Request for Approval of increased hours in the graduate
       Certificate in Health Systems and Design

Please find attached for onward transmission to the appropriate review
entities at the University Level, a request to increase the number of
credit hours required for the graduate Certificate in Health Systems and
Design from 15 credit hours to 16 credit hours.

The proposed increase in the required number of credit hours was
unanimously approved by the College of Architecture’s Graduate
Instruction Committee on 1 May 2008; and by the Dean of the College
of Architecture, J. Thomas Regan, on 12 May 2008. The Center for
Health Systems and Design is a partnership between the College of
Architecture and the College of Medicine and is the unit within the
College of Architecture responsible for the oversight and management
of this certificate program.
REQUIREMENTS FOR THE
CERTIFICATE IN HEALTH SYSTEMS AND DESIGN

The following summarizes the minimum requirements for the certificate in Health Systems & Design. While as few as 15 credit hours can be taken to obtain the certificate, students are encouraged to take as many courses as possible.

REQUIRED Courses for All CHSD Candidates (9 credit hours)

ARCH 675 Health Design and Research (3 cr)

Final study ARCH 693, LAND 693, PLAN 693, COSC 693, LDEV 665/693 (6 cr)

ARCH 660 or ARCH 605/606/607(Health), COSC 670, LAND 661, PLAN 631, LDEV 687/688,PMSB 604, CPSY 677 (depending on major)

ELECTIVE Courses (6 credit hours)

Two courses must be taken, one within the student's department and one outside of the student's department. The course within the student's department must be taken with a faculty member who is a faculty fellow in the Center for Health Systems & Design. A list of current faculty fellows is available on the center website (http://archone.tamu.edu/chsd/).

Most programs allow graduate students to include two 300- or 400-level courses in their graduate degree plan. Such courses should be outside of the student's major.

ARCH 624 Theory of Placemaking
ARCH 674 Typologies of Contemporary Hospital Design
ARCH 676 Human Behavior and Design
ARCH 677 Neuroscience and Architecture
ARCH 689 Foundations of Healthcare Architecture
ARCH 689 Facilitation for Planners and Designers
CARC 601 Research Foundations
CARC 602 Research Foundations
EPSY 647 Adult Development and Aging
HLTH 334 Women's Health
HLTH 353 Drugs and Society
HLTH 631 Community and Public Health
HLTH 660 Health Issues in Aging, Dying and Death
LAND 640 Research Methods in Landscape Architecture
LAND 661 Visual Quality Analysis for Design and Planning
LDEV 661 Environment and Development
LDEV 671 Sustainable Development
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PHPM 601</td>
<td>Rural Public Health Systems</td>
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<tr>
<td>PHPM 605</td>
<td>Introduction to Health Policy And Management</td>
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<tr>
<td>PHSB 603</td>
<td>Social and Behavioral Determinants Of Health</td>
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<tr>
<td>PHSB 610</td>
<td>Community Organization and Assessment</td>
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<tr>
<td>PLAN 633</td>
<td>Planning for Healthy Communities</td>
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<tr>
<td>PLAN 634</td>
<td>Environmental Health Policy and Planning</td>
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<td>PSTC 607</td>
<td>Experimental Psychology</td>
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<td>PSYC 307</td>
<td>Developmental Psychology</td>
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<td>PSYC 320</td>
<td>Sensation and Perception</td>
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<td>PSYC 340</td>
<td>Psychology of Learning</td>
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<tr>
<td>PSYC 360</td>
<td>Health Psychology and Behavioral Medicine</td>
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<tr>
<td>PSYC 407</td>
<td>Behavioral Disorders of Children</td>
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<tr>
<td>PSYC 489</td>
<td>Special Topics in Art and Cognition</td>
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<tr>
<td>PSYC 610</td>
<td>Organizational Psychology</td>
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<td>PSYC 615</td>
<td>Perceptual Processes</td>
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<td>PSYC 639</td>
<td>Pediatric Psychology</td>
</tr>
<tr>
<td>SOCI 489</td>
<td>Special Topics in the Sociology of Death and Dying</td>
</tr>
</tbody>
</table>

*Others electives are possible. Please request approval.*
PROPOSED REQUIREMENTS FOR THE CERTIFICATE IN HEALTH SYSTEMS AND DESIGN

The following summarizes the minimum requirements for the certificate in Health Systems & Design. While as few as 16 credit hours can be taken to obtain the certificate, students are encouraged to take as many courses as possible.

REQUIRED Courses for All CHSD Candidates (10 credit hours)

ARCH 675 Health Design and Research (3 cr)
ARCH 681 Special Topics in Health Facility Design (1 cr)
Final study ARCH 693, LAND 693, PLAN 693, COSC 693, LDEV 665/693 (6 cr)
ARCH 660 or ARCH 605/606/607(Health), COSC 670, LAND 661, PLAN 631, LDEV 687/688, PMSB 604, CPSY 677 (depending on major)

ELECTIVE Courses (6 credit hours)

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HLTH 660 Health Issues in Aging, Dying and Death
LAND 640 Research Methods in Landscape Architecture

Updated as of 4.3.2009
LAND 661  Visual Quality Analysis for Design and Planning
LDEV 661  Environment and Development
LDEV 671  Sustainable Development
PHPM 601  Rural Public Health Systems
PHPM 605  Introduction to Health Policy And Management
PHSB 603  Social and Behavioral Determinants Of Health
PHSB 610  Community Organization and Assessment
PLAN 633  Planning for Healthy Communities
PLAN 634  Environmental Health Policy and Planning
PSTC 607  Experimental Psychology
PSYC 307  Developmental Psychology
PSYC 320  Sensation and Perception
PSYC 340  Psychology of Learning
PSYC 360  Health Psychology and Behavioral Medicine
PSYC 407  Behavioral Disorders of Children
PSYC 489  Special Topics in Art and Cognition
PSYC 610  Organizational Psychology
PSYC 615  Perceptual Processes
PSYC 639  Pediatric Psychology
SOCI 489  Special Topics in the Sociology of Death and Dying

Others electives are possible. Please request approval.
Spring 2008 Architecture for Health Lecture Series

Coordinated by: Professor George J. Mann, AIA The Skaggs-Sprague Endowed Chair in Health Facility Design; Joseph J. McGraw, Ph.D. Professor Emeritus; Judy Pruitt, Administrative Assistant; and Brian Briscoe, Teaching Assistant

Co-sponsored by:
CHSD - Center for Health Systems & Design
and
SHEA - Student Health Environments Association

Wednesday, January 23, 2008
"Public Health in Transition"
Kenneth McLeroy, Ph.D.
Professor
School of Rural Public Health
Texas A&M Health Science Center
College Station, Texas

Wednesday, January 30, 2008
"Principles of Healthcare Master Planning"
Dan Thomas, AIA
Healthcare Designer
HDR
Dallas, Texas

Heidi Higgason, AIA, LEED AP
Vice President,
Managing Principal
HDR
Dallas, Texas

Wednesday, February 6, 2008
"Tier One Service – Clinical Expertise and Research Evidence"
Thomas Harvey, AIA, MPH, FACHA
Senior Vice President
Director of Clinical Advisory and Research Groups
HKS, Inc.
Dallas, Texas

Debajyoti Pati, Ph.D., AIA
Associate
Director Senior Design Architect,
Director of HKS Research
HKS, Inc.
Dallas, Texas

Wednesday, February 13, 2008
"Implementation of a Hospital Master Plan"
Jim Wilmot, AIA
Principal
Wilmot/Sanz, Inc.
Gaithersburg, Maryland

Wednesday, February 20, 2008
"Through the Eyes of a Recent A&M Graduate: Healthcare Design in the Real World"
Elizabeth Viets, LEED AP, AIA
Associate
WHR
Houston, Texas

Wednesday, February 27, 2008
"Designing the New TAMHSC: A Model of Collaboration"
Ed Huckaby, AIA, ACHA, ACHE
Principal
FKP
Houston & Dallas, Texas

Russell Butler, II, FASLA, SEGD
Vice President, Principal
EDAW, Inc.
Denver, Colorado

Michael Pisano
Landscape Architect
EDAW, Inc.
Denver, Colorado
Texas A&M University College of Architecture, College Station, Texas

The Architecture for Health Lecture Series meets regularly on **Wednesdays at Noon** in The Dean's Conference Room, A205, Bldg A, Langford Architecture Center, Texas A&M University, College Station, Texas with visiting lecturers in the allied healthcare professions discussing relevant issues related to healthcare and facilities design.

**SHEA 2007-2008 Officers:**
President Adam Panter, Vice President Brian Briscoe, Secretary Erin Peavey, Treasurer Nicole Hoffman, Public Relations Chair Meghan Kelly, Webmaster Ashley Dias, Ph.D Representative Zhipeng Lu, Masters Representative Alejandro Iriarte, Undergraduate Representative Amy Kircher, Health Sciences Center Representatives Luis Martinez & Evan Ehsani

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**Wednesday, March 26, 2008**
"Page Southerland Page: Designing for the Future since 1898"
**Mattia Flabiano III, AIA, ACHA**
Principal
Page Southerland Page
Dallas, Texas

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**Wednesday, March 5, 2008**
"Innovations in Medical Planning and Design: The Academic Medical Center and Replacement Hospital"
**Thomas Quigley, AIA, LEED AP**
Principal
HOK
New York City, New York

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**Wednesday, April 2, 2008**
"New Directions in Advanced Room Sterilization in Hospitals and Health Facilities"
**Matthew Mitchell**
Director of Industrial Decontamination Solutions
STERIS
Mentor, Ohio

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**Friday, March 7, 2008**
"Recent HKS Hospitality (Hotels) and Healthcare Projects"
**Nunzio De Santis, AIA**
Executive Principal and Director of Hospitality
HKS Inc.
Dallas, Texas

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**Wednesday, April 9, 2008**
"The Importance of Cookie Baking"
**Jonathan Bailey, FAIA, RIBA, NCIDG, NCARB**
President, Managing Director, Chairman
Jonathan Bailey Associates
London, Dallas, Honolulu, Orlando, Atlanta, Colorado Springs, Grand Rapids

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**Wednesday, March 19, 2008**
"Research Informed Design, Safety, and Improved Outcomes"
**Kirk Hamilton, FAIA, FACHA**
Associate Professor
College of Architecture
Texas A&M University

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**Wednesday, April 16, 2008**
"The Frieseen Concepts - The Impact on Todays Hospital Design"
**Larry Lammers, AIA, FAAHC**
President
Lammers + Associates
Reston, Virginia

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**Wednesday, April 23, 2008**
"Project Management and Planning"
**Paul Sanders, Ph.D., AIA**
Broaddus & Associates
**Special Topics in Health Facility Design**


Architecture 681 and Architecture 481
George J. Mann, AIA, Professor
The Skaggs - Sprague Endowed Chair in Health Facilities Design

I. Course Description

Accelerating change in the basic assumptions underpinning the design of Health and Hospital Facilities is occurring at light speed. In order to keep both faculty and students current in this very dynamic and exploding field, weekly guest speakers will address specific issues in "Architecture for Health" in their area of expertise.

II. Introduction

The course will be organized around special topics and current issues related to the financing, programming, planning, design, landscaping, construction, and operation of health and hospital facilities.

III. General Objectives

The General Objectives of this course will be to expose both graduate and undergraduate students to the latest trends and projects in Architecture for Health in presentations from experienced professionals and experts to the students on specific relevant topics related to the field of “Architecture for Health.”

We have a diverse group of professionals and firms that relate to our program, as well as many former students, from which speakers are chosen.

IV. Course Requirements

Weekly Attendance
Submission of notes taken on each speaker’s lecture
Class participation in discussions with speakers
Paper (10-page, illustrated) and PowerPoint presentation

V. Evaluation

Final Grade of Student will be based on:

1. Class Attendance (each unexcused absence will drop the letter grade by one letter).
2. Class Participation and Contribution.
3. Attitude toward self, fellow classmates and subject matter.
4. Quality and depth of semester research project.
5. Ability to complete and present work for minor and major deadlines.
6. Ability to communicate (verbally, graphically and in writing).

VI. Recommended Periodicals and Readings

- Healthcare Design
- Medical Construction and Design
- HERD Journal
- Engineering News Record
- World Hospitals
- Facility Care
- New York Times
- Business week
- Fortune
- Wall Street Journal

Books to be determined by the Professor.

VII. Costs

The costs of the semester to the student will be minimal.

VIII. Americans with Disabilities Act (ADA) Policy Statement

“The Americans with Disabilities Act (ADA) is a federal antidiscrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life Services for Students with Disabilities in Room B118 of Cain Hall or call 845-1637.”

IX. Aggie Honor Code

“An Aggie does not lie, cheat, or steal or tolerate those who do.”

Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examination, research papers, and other academic work. Ignorance of the rules does not exclude any member of the Texas A&M University community from the requirements or the processes of the Honor System. For additional information please visit: www.tamu.edu/aggiehonor/

On all course work, assignments and examinations at Texas A&M University, the following Honor Pledge shall be preprinted and signed by the student:

“Oh my honor as an Aggie, I have neither given nor received unauthorized aid on this academic work.”