



THE FACULTY SENATE

November 18, 2002

MEMORANDUM

TO: President Robert M. Gates

SUBJECT: Certificates in Environmental Hazard Management, Facility Management, Health Systems Design, and Historic Preservation (**FS.20.62**)

At its regular meeting on November 11, 2002, the Faculty Senate approved the following item for the Graduate Council and submits it for your approval. Attached is a copy of the material sent to our Secretary.

College of Architecture Certificates on University Transcripts
Certificate in Environmental Hazard Management
Certificate in Facility Management
Certificate in Health Systems and Design
Certificate in Historic Preservation

Thank you for your time and consideration. Please inform me of your action on this matter.

Robert H. Strawser
Speaker, 2002-2003

Attachment

cc: Dr. David Prior
Dr. Karan Watson
Dr. Rick Giardino
Mr. J. Thomas Regan

Approved:

Robert M. Gates, President

1-6-03

Date



TEXAS A&M UNIVERSITY

College of Architecture
Office of the Dean

UCC/GC _____
FS NOV 11 2002
Pres. App JAN 06 2003
SIMS _____
Catalog _____

TO: J. Rick Giardino, Dean
Office of Graduate Studies

FROM: Mark Clayton
Executive Associate Dean

A handwritten signature in black ink, appearing to read "Mark Clayton", with a horizontal line underneath.

DATE: October 9, 2002

SUBJECT: Agenda Item Request:
College of Architecture Certificates on University Transcripts

The College of Architecture requests that "College of Architecture Certificates on University Transcripts" be added to the GOC Agenda for its October 10, 2002 meeting. The College of Architecture currently houses four (4) certificate programs. They are:

Certificate in Environmental Hazard Management

Certificate in Facility Management

Certificate in Health Systems and Design

Certificate in Historic Preservation

Appropriate certificate material for all four programs is attached and the requested 25 copies are provided. Please contact Kathy Waskom at 845-2639 if more information is needed in order to place this item on the agenda.

Attachments



**HEALTH SYSTEMS
&
DESIGN
CERTIFICATE**

THE CERTIFICATE IN HEALTH SYSTEMS AND DESIGN

Program Description and Application:

The attached information is organized under the following headings:

- PART I: GENERAL DESCRIPTION OF HEALTH SYSTEMS AND DESIGN (HSD)
CERTIFICATE PROGRAM**
- A. HSD Sample Certificate
- PART II: HSD CERTIFICATE REQUIREMENTS**
- PART III: COURSES AND MODEL DEGREE PLANS**
- A. Approved courses for the HSD Certificate
 - B. Faculty
 - C. List of courses offered in the College of Architecture relevant to the HSD Certificate
 - D. Degree Plan for Master of Architecture Students
 - E. Model Degree Plan for Master of Landscape Architecture Students
- PART IV: SUMMARY OF STEPS TOWARDS OBTAINING THE CERTIFICATE**
- PART V: POLICY FOR MAINTAINING RECORDS FOR CERTIFICATE PROGRAMS**
- PART VI: STUDENT APPLICATION FORM FOR HSD CERTIFICATE**

Center for Health Systems and Design

Texas A&M University • College of Architecture

3137 TAMU • College Station, Texas 77843-3137

Telephone: 979/845-7009 • Fax: 979/845-4491 • Email: chsd@archone.tamu.edu

THE CERTIFICATE IN HEALTH SYSTEMS AND DESIGN (HSD Certificate)

PART I: GENERAL DESCRIPTION OF HSD CERTIFICATE

Purpose

The Certificate in Health Systems and Design (HSD) provides students in any graduate degree program in the College of Architecture at Texas A&M University an opportunity to develop a body of knowledge in health design that will further their career goals. The Certificate assumes that health systems and design is a cross-disciplinary field, and the program is designed to ensure that students gain a sense of mutual respect for others in the field, and appropriate awareness, understanding, and ability within a specific body of knowledge.

The Health Systems and Design Certificate Council

The Council for the HSD Certificate (the HSD Certificate Council) is comprised of no fewer than three (3) faculty with expertise in the field, and is appointed by the Dean of the College of Architecture to advise on all matters relating to the program.

The Graduate Advisory Committee for each student, with the oversight of degree coordinators, department heads, and the Office of Graduate Studies, is responsible for the academic program of the student. However, the HSD Certificate Council is charged with ensuring that students recommended for the Certificate have met content standards.

The program can be accomplished within the minimum number of hours required for the degree; however, additional hours may be required by the student's Graduate Advisory Committee, and students may choose to take additional hours not on the degree plan in order to meet the requirements for the certificate.

The HSD Certificate

The College of Architecture Executive Committee approved the Certificate in Health Systems and Design in July 1998.

The Certificate is awarded after completion of the program, and must be signed by the head of the student's academic department and the dean of the college. The Certificate contains the seal of the university and appropriate text. It will normally be presented at college ceremonies prior to the official university graduation exercises. The Office of the Dean covers the cost of producing and framing the certificates.

DUPLICATE

The College of Architecture
Texas A&M University

Certificate of Completion in Systems and Design

Awarded to

Student's Name

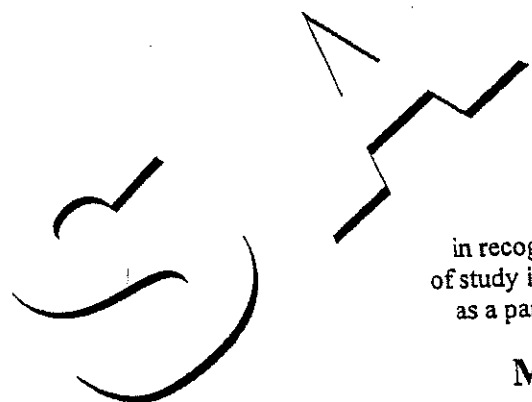
in recognition of the completion of a program
of study in Health Design approved by the faculty
as a part of the requirements for the degree of

Masters of Architecture

J. Thomas Regan
Dean of the College

Phillip Tabb
Head of the Department

August, 2001



PART II: HSD CERTIFICATE REQUIREMENTS

The College of Architecture will award the Certificate in Health Systems and Design to students meeting the criteria listed below:

1. Any student admitted to a graduate degree program offered in the College of Architecture should declare the intent to seek the Certificate in Health Systems and Design at the time of filing a Degree Plan. (See Part VI for a copy of the Certificate application form.) Application forms are also available in the Graduate Programs Office of the College.
2. The student must complete a MINIMUM of fifteen (15) hours of graduate credit in Health Systems and Design including at least nine (9) hours of formal course work approved by the HSD Certificate Council. These courses must include ARCH 675 (Health Design and Research) and ARCH 660 (Design Programming). The student must also complete a Professional Study, Thesis, or Dissertation with a Health Systems and Design focus approved by the HSD Certificate Council.
3. On completion of all the requirements for the degree, the student will receive a Certificate in Health Systems and Design signed by the Dean and the appropriate Department Head.

The student's Graduate Advisory Committee remains the primary body for recommending the degree plan content. Courses required or intended for the Certificate in Health Systems and Design may be used in the degree plan with the concurrence of the Graduate Advisory Committee. Students may also add courses in order to fulfill the HSD Certificate requirements. Students are encouraged to consult with their Graduate Advisory Committee AND a member of the HSD Certificate Council as their degree plan is being developed. A written statement should be provided to explain why courses not on the list of approved courses should be allowed toward the certificate. The content relating to the HSD emphasis for the certificate should be clearly demonstrated.

PART III: COURSES AND MODEL DEGREE PLANS

III-A: Approved Courses for the HSD Certificate

The HSD Certificate Council will make available a list of courses, inside and outside the College of Architecture, that meet the requirements for HSD content. The list, and associated syllabi and names of instructors will be on file in the office of the Center for Health Systems and Design.

Where a student identifies a course not on the list, or wishes to transfer a course from another institution, the syllabus and specific reference to health design content **MUST** be submitted to the HSD Certificate Council for review. Courses not accepted for use toward a graduate degree at Texas A&M University may not be used toward the certificate.

Where a course has a generic topic (for example a design studio in architecture, or a capstone studio course in land development or planning) the HSD content and the student's specific role in working with that content, must be stated in a supporting letter from the student submitted with the application. The letter should be co-signed by the Instructor of the course.

As a general practice, a member of the HSD Certificate Council who also serves as chair of a student's Graduate Advisory Committee will not provide signature approval at any step in the application process. The Certificate Council may seek input from faculty concerning course content and/or the specific contribution of a student in a course with team activity.

Where the Certificate Council makes a negative finding as to applicability of a course or a final project, the finding will be made in writing with copies to the student, student file, and chair of the student's Graduate Advisory Committee. Appeals against findings of the Certificate Council will be made to the academic dean of the College of Architecture, whose decision will be final.

PART III: COURSES AND MODEL DEGREE PLANS — continued

III – B: Associated Faculty at Texas A&M University

Roger Ulrich, Director, Center for Health Systems and Design – Architecture, and
Landscape Architecture and Urban Planning

Mardelle Shepley, Associate Director, Center for Health Systems and Design – Architecture

John Bryant – Construction Science

Camille Bunting – Health and Kinesiology

Robert Douglas – Architecture (Visiting Professor and holder of the Thomas A. Bullock
Chair in Leadership and Innovation)

Michael Duffy – Educational Psychology

William Graziano – Psychology

Jeff Haberl – Architecture

Chang-Shan Huang – Landscape Architecture and Urban Planning

Byoung-Suk Kweon – Landscape Architecture and Urban Planning

George Mann – Architecture (Ronald Skaggs Endowed Professor of Healthcare Design)

Molly McCormick – Architecture Post-Doctoral Fellow

Jody Naderi – Landscape Architecture and Urban Planning

Sarah Richardson – Recreation, Parks and Tourism Sciences

Susan Rodiek – Architecture

Don Sweeney – Landscape Architecture and Urban Planning

Louis Tassinary – Architecture (on leave during 2000-2002)

Ward Wells – Architecture

Note: Additional faculty will become associated with the Center for Health Systems and Design during 2001-2002.

PART III: COURSES AND MODEL DEGREE PLANS — continued

**III – C: List of Courses Offered in the College of Architecture
Relevant to the HSD Certificate**

College of Architecture Health Electives:

CARC 601	Research Foundations
CARC 602	Research Foundations
ARCH 660	<i>*Design Programming</i>
ARCH 675	<i>**Health Design and Research</i>
ARCH 676	Survey of Human Behavior and Design
LAND 640	Research Methods in Landscape Architecture
LAND 661	Visual Quality Analysis for Design and Planning
LDEV 661	Development and the Environment
LDEV 671	Sustainable Development
PLAN 370	Introduction to Health Systems Planning
PLAN 613	Planning Methods and Techniques
PLAN 630	Survey of Health Planning
PLAN 631	Planning and Programming Health Systems
PLAN 633	Planning for Healthy Communities
PLAN 636	Housing for the Elderly
PLAN 689	Community and Environment Health Policy

* Required course – survey of programming techniques with an emphasis on institutional and community projects

** Required course – multidisciplinary survey of research and theory to inform health design

PART III: COURSES AND MODEL DEGREE PLANS — continued

III – D: Model Degree Plan for Master of Architecture Students Seeking a Certificate in Health Systems and Design

Fall Semester I	ARCH 605	Design I	6
	<i>ARCH 675</i>	<i>Health Design and Research</i>	3*
	ARCH 631	Structural Systems	<u>3</u>
			12
Spring Semester I	ARCH 606	Design II (therapeutic environments)	6
	<i>ARCH 660</i>	<i>Design Programming</i>	3*
	ARCH 633	Environmental Control	3
	ARCH ----	Architectural History	<u>3</u>
		15	
Summer Semester	ARCH 684 CARC ----	Professional Internship or Health Electives (alternatively, taken year II)	6
Fall Semester II	ARCH 685	Proposal	1
	TAMU ----	Electives (e.g., ARCH 607)	6
	ARCH 657	Professional Practice	<u>3</u>
		10	
Spring Semester II	ARCH 693	Final Study (review in Spring)	6**
	TAMU ----	Electives	<u>3</u>
			9
Minimum hours for standard degree			52

* Required courses for the HSD Certificate in *italics*

** The student must also complete a Professional Study, Thesis, or Dissertation with a health focus approved by the HSD Certificate Advisory Committee

PART III: COURSES AND MODEL DEGREE PLANS — continued

III – D: Model Degree Plan for Master of Landscape Architecture
 Students Seeking a Certificate in Health Systems and Design

Fall Semester I	LAND 620	Open Space Development (I)	5
	LAND 640	Research Methods in Landscape Arch	3***
	RLEM 602	Ecology and Land Uses	3
	<i>ARCH 675</i>	<i>Health Design and Research</i>	<u>3*</u>
			14
Spring Semester I	LAND 621	Open Space Development (II)	5
	LAND 693	Final Study Proposal	1
	LAND 661	Visual Quality Analysis for Design and Planning	3
	<i>ARCH 660</i>	<i>Design Programming</i>	<u>3*</u>
			12
Summer Semester		Professional Internship	
Fall Semester II	LAND 693	Final Study	2
	CARC	Health Elective	3
	TAMU ----	Health Elective	<u>3</u>
			8
Spring Semester II	LAND 693	Final Study	5**
	LAND 646	Professional Practice	3
	TAMU ----	Elective	<u>3</u>
			11
Minimum hours standard degree (excluding career change)			45

* Required classes for the HSD Certificate in *italics*

** The student must also complete a Professional Study or Thesis with a Health focus approved by the HSD Certificate Advisory Committee

*** LAND 640 is required for all MLA students

PART IV: SUMMARY OF STEPS TOWARDS OBTAINING THE HSD CERTIFICATE

Students are encouraged to meet with a member of the Health Systems and Design (HSD) Certificate Council prior to filing an application and completing a degree plan.

STEP ONE: *Complete an Application for the HSD Certificate.* At the time of filing a degree plan the student will complete an Application for the Certificate in Health Systems and Design and attach to it a copy of the Degree Plan signed by the student's Graduate Advisory Committee and the head of the student's department. The Certificate Council will review the application for compliance with the requirements for content.

STEP TWO: *Review of the Application.* At the time a professional study, professional paper, thesis, or dissertation topic is approved by the Graduate Advisory Committee the student will provide an abstract, and any supporting justification as may be required, to the HSD Certificate Council. In the case of doctoral students, dissertation topic approval takes place at the dissertation defense. The qualifying exam should also be presented to the HSD Certificate Council so that the committee can evaluate its relevance prior to further development of the topic. The HSD Certificate Council will review the application for compliance with the requirements for content.

STEP THREE: *Issue of the HSD Certificate.* At the time the student is approved for receipt of the degree, the Graduate Programs Office will review the approved certificate courses and advise the dean of the College of successful completion. The dean will then authorize the granting of the Certificate.

PART V: POLICY FOR MAINTAINING STUDENT RECORDS FOR CERTIFICATE PROGRAMS

Official HSD Certificate records consist of the following: the *Application*; copy of the approved *Degree Plan* (and any subsequent *Petitions* that may impact the previously approved program); an *Abstract* of the final project topic (see attached application form); and any official correspondence.

- These records will be kept in the official student folders in the Graduate Programs Office of the College of Architecture.
- For reference purposes the Graduate Programs Office will create and maintain a database showing all students who have received, or are currently enrolled in, a certificate program in the College of Architecture.

The database should indicate:

NAME
DEGREE PROGRAM
DATE OF APPLICATION
DATE OF ACTIONS FOR EACH STEP ABOVE
TITLE OF PROJECT, PAPER, THESIS, OR DISSERTATION
NAME OF CHAIR OF GRADUATE ADVISORY COMMITTEE
DATE OF DEGREE/CERTIFICATE AWARDED
PERMANENT/CURRENT ADDRESS/E-MAIL
EMPLOYMENT DATA

This database should be accessible by the HSD Certificate program office, which may also maintain hardcopy files as may be deemed appropriate for developing data on the career histories, addresses, email address, etc. of Certificate holders and current students.

Student grades will not be available outside the Graduate Programs Office, and personal data will not be released, except in accordance with state law and university guidelines.



**PART VI: STUDENT APPLICATION AND COURSE
 PLAN FOR CERTIFICATE IN HEALTH SYSTEMS
 AND DESIGN (HSD)**

(Note: the application form consists of this page and the next page)

Date of Application to Certificate Program: _____

Student Information

Name: _____ Student ID Number: _____

Address: _____

Phone(s): _____ Email: _____

Degree Information

Department: _____

Degree Program: (please circle)

Ph.D.-ARCH Ph.D.-URSC M.ARCH MLA MUP MS(Arch) MSLD MS(COMG) MS(VIZA)

Chair of Graduate Advisory Committee: _____

Expected completion date: _____

Please provide a preliminary description or final abstract of final study, thesis, dissertation, or professional report or paper:
