Medical School 2014-2016 Catalog
Addendum
MEDICAL SCHOOL 2014-2016 CATALOG ADDENDUM BOOKLET
INDEX OF CHANGES

Tuition and Fees Effective Fall 2015
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MD Expenses

Tuition
Effective with the 2014-2015 academic year, in-state resident tuition is $14,025 annually; out-of-state (non-resident) tuition is $26,125 annually.
Additional fees, including course and lab fees, are subject to be charged. Please see the Registrar’s website for tuition and fees (http://www.uth.edu/registrar/current-students/registration/tuition-fee-schedule.htm).

For additional specific information, refer to the General Information Section of the Catalog, and/or contact:
Office of the Registrar
The University of Texas Health Science Center at Houston
7000 Fannin, Suite 2250
P.O. Box 20036
Houston, Texas 77225

Or call 713-500-3361
Or email registrar@uth.tmc.edu

Scholarships
The Medical School awards a number of scholarships every year for which all students are invited to apply. A generic scholarship application form may be downloaded from the Student Financial Services website during the spring semester. A designated competitive scholarship recognizes several outstanding students annually and enables non-resident recipients to be eligible for in-state tuition for their four years of enrollment, providing guidelines for satisfactory academic progress are met.

Scholarship awards are made by the Scholarship Committee, which consists of the Associate and Assistant Deans for Admissions and Student Affairs.

Fees and Charges

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Fee</td>
<td>$200</td>
</tr>
<tr>
<td>Pager Fee – Year 3 &amp; 4 (Annual)</td>
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<tr>
<td>Graduation Fee*</td>
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<tr>
<td>Information Technology Fee</td>
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<td>Health Insurance***</td>
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<tr>
<td>Installment Use Fee</td>
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<tr>
<td>Laboratory Fee Year 1 &amp; 2 (Annual)</td>
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<td>Library Resource Fee</td>
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<td>Malpractice Insurance (Annual)</td>
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<tr>
<td>Technology Fee</td>
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<tr>
<td>Anatomy Course Fee (year 1)</td>
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<tr>
<td>Student Services Fee (Annual)**</td>
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<tr>
<td>Standardized Patient Fee</td>
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</tr>
<tr>
<td>Student Records Fee</td>
<td>$15/year</td>
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</tbody>
</table>
**CHANGE TO:**

**MD Expenses**

**Tuition**

Effective with the 2015-16 academic year, in-state resident tuition is $15,025 annually; out-of-state (non-resident) tuition is $26,125 annually. The tuition amount includes designated tuition that is used for annual capital renewal, deferred maintenance, and bond retirement for the construction of new buildings.

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<td>25</td>
</tr>
<tr>
<td>Technology Fee</td>
<td>700</td>
</tr>
<tr>
<td>Anatomy Lab (year 1)</td>
<td>500</td>
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<tr>
<td>Student Services Fee (Annual)**</td>
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<tr>
<td>Standardized Patient Fee</td>
<td>800</td>
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<tr>
<td>Student Records Fee</td>
<td>15/year</td>
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*A graduation fee of $75 payable at registration for the final academic term is required of all students. This fee does not include regalia rental.*
Current: MS Tuition (p. 38)

Change in tuition

**MS Tuition and Fees**

**Tuition**

The resident tuition is $96 per semester credit hour. The non-resident tuition will be $447 per semester credit hour, with the non-resident statutory fee of $401. Tuition and fees are subject to change according to the actions of the Texas Legislature or the Board of Regents and are effective when enacted.

Change to:

**Tuition**

The resident tuition is $96 per semester credit hour. The non-resident tuition will be $486 per semester credit hour, with the non-resident statutory fee of $440. Tuition and fees are subject to change according to the actions of the Texas Legislator or the Board of Regents and are effective when enacted.
ADDITIONAL TO
Medical School Catalog
2014-2016

CURRENT: (p.20)
Curriculum

MD Academic Organization

2014
The Medical School educational program is of four years’ duration. The first two years are primarily focused on basic sciences, and the second two years are focused on the clinical sciences. The first two academic years are each divided into two semesters, with three months of vacation provided between the first and second years. During this time students have the opportunity to participate in research or in a clinical preceptorship. In the first two academic years, the student becomes familiar with the basic and applied biomedical sciences. During the second year, Problem-Based Learning is introduced to help the student understand basic science mechanisms in the context of clinical presentations. The student progresses from a study of the fundamentals of molecular and cellular biology and normal morphology of the human body to the abnormal structure and function of the various organ systems. Concurrently, the techniques of interviewing, history-taking, and performance of physical and mental-status examinations are introduced along with appropriate behavioral, societal, and ethical issues.

Clinical clerkships in the major clinical disciplines begin in the third year for a 12-month sequence. A three-week elective is also offered during the third year. During the fourth year, there are additional required clerkships and five elective periods. After consultation with faculty advisers, each student develops an educational sequence for the fourth year that relates to his or her career goals and postgraduate educational plans. Seniors may take electives at any approved medical school elective program in the United States or abroad.

2015
Students entering the Medical School in 2015 will be enrolled in the newly revised curriculum. This curriculum will include approximately 18 months of pre-clerkship course work. Basic and clinical sciences will be presented in a modular format based on organ systems. A parallel course will focus on the development of clinical skills through patient contact and simulation exercises. Emphasis will be placed on teaching methodologies that emphasize active participation and development of life-long learning skills, such as problem-based and team-based learning. Two months of vacation between the first- and second-year will allow the students to participate in clinical preceptorships or research.

The clerkship phase will include required rotations in all major medical disciplines. Intersessions will provide the opportunity to apply basic science concepts to the clinical experience at a more advanced level. Students will have the opportunity to pursue personal interests through electives and selectives. Thus, each student will have some flexibility in planning an educational sequence that relates specifically to their ultimate career goals and postgraduate educational plans.

During medical school, the student is required to take two of the three examinations necessary for medical licensure: USMLE Step 1 is taken after completion of the basic science courses and prior to the start of the third year clerkships. The student is required to take USMLE Step 2 CK and CS prior to graduation.
The Curriculum Committee is the committee charged with approval, management, and evaluation of all aspects of the Medical School curriculum.

CHANGE TO:

MD Academic Organization

2014 and 2015

The Medical School educational program is of four years’ duration. The first two years are primarily focused on basic sciences, and the second two years are focused on the clinical sciences. The first two academic years are each divided into two semesters, with three months of vacation provided between the first and second years. During this time students have the opportunity to participate in research or in a clinical preceptorship. In the first two academic years, the student becomes familiar with the basic and applied biomedical sciences. During the second year, Problem-Based Learning is introduced to help the student understand basic science mechanisms in the context of clinical presentations. The student progresses from a study of the fundamentals of molecular and cellular biology and normal morphology of the human body to the abnormal structure and function of the various organ systems. Concurrently, the techniques of interviewing, history-taking, and performance of physical and mental-status examinations are introduced along with appropriate behavioral, societal, and ethical issues.

Clinical clerkships in the major clinical disciplines begin in the third year for a 12-month sequence. A three-week elective is also offered during the third year. During the fourth year, there are additional required clerkships and four elective periods. After consultation with faculty advisers, each student develops an educational sequence for the fourth year that relates to his or her career goals and postgraduate educational plans. Seniors may take electives at any approved medical school elective program in the United States or abroad.

In 2015, the first year students will begin the year on August 3, 2015. Please see the official calendar at the Registrar’s website (https://www.uth.edu/registrar/current-students/student-information/academic-calendar.htm).

2016

Students entering the Medical School in 2016 will be enrolled in the newly revised curriculum. This curriculum will include approximately 18 months of pre-clerkship course work. Basic and clinical sciences will be presented in a systems-based modular format preceded by a Foundations block focusing on cellular phenomena. A parallel course will address the development of student clinical skills through patient contact and simulation exercises. Emphasis will be placed on teaching methodologies that emphasize active participation and development of life-long learning skills, such as problem-based and team-based learning. Two months of vacation between the first- and second-year will allow the students to participate in clinical preceptorships or research.

The clerkship phase will include required rotations in all major medical disciplines. Intersessions will provide the opportunity to apply basic science concepts to the clinical experience at a more advanced level. Students will have the opportunity to pursue personal interests through one of several Career Focus Tracks consisting of electives and clinical selective requirements and potentially research experience. Thus, each student will have some flexibility in planning an educational sequence that relates specifically to their ultimate career goals and postgraduate educational plans.

During medical school, the student is required to take two of the three steps necessary for medical licensure: USMLE Step 1 is taken after completion of the basic science courses and prior to the start of the third year clerkships. The student is required to take USMLE Step 2 CK and CS prior to graduation.

The Curriculum Committee is the committee charged with approval, management, and evaluation of all aspects of the Medical School curriculum.
Curriculum

The basic four-year program outlined below is required for the MD degree. This curriculum will be offered for the class entering 2014.

Variations and adjustments may be made as the Curriculum Committee deems necessary.

Basic Sciences

First Academic Year

Required Courses:

Fall Semester/18 weeks
Biochemistry
Clinical Applications (Pass/Fail; continued in spring)
Developmental Anatomy
Gross Anatomy
Histology and Cell Biology
Introduction to Clinical Medicine (continued in spring)

Spring Semester/19 weeks
Clinical Applications
Immunology
Microbiology
Neuroscience
Physiology
Introduction to Clinical Medicine

Second Academic Year

Required Courses:

Fall Semester/18 weeks
Behavioral Sciences
Genetics
Fundamentals of Clinical Medicine
Epidemiology and Evidence-Based Medicine
Integrative Clinical Experience/
Problem-Based Learning
Pathology
Pharmacology
Physical Diagnosis

Spring Semester/19 weeks
Behavioral Sciences
Ethics and Professionalism
Fundamentals of Clinical Medicine
Integrative Clinical Experience/
Problem-Based Learning
Pathology
Pharmacology
Physical Diagnosis
Reproductive Biology
Technical Skills
Basic Life Support
Clinical Sciences

Third Academic Year

Begins in the first week of July/48 weeks. During this time there are four weeks of vacation and two 24-week rotation periods consisting of the following:

<table>
<thead>
<tr>
<th>Required Clerkships</th>
<th>Number of Weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Medicine</td>
<td>8</td>
</tr>
<tr>
<td>Obstetrics &amp; Gynecology</td>
<td>6</td>
</tr>
<tr>
<td>Neurology</td>
<td>4</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>8</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>6</td>
</tr>
<tr>
<td>Surgery</td>
<td>8</td>
</tr>
<tr>
<td>Family Practice</td>
<td>4</td>
</tr>
<tr>
<td>Geriatrics (Pass/Fail)</td>
<td>1</td>
</tr>
<tr>
<td>Third-Year Elective (Pass/Fail)</td>
<td>3</td>
</tr>
<tr>
<td>Comprehensive Clinical Competency</td>
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</tr>
<tr>
<td>Examination (CCCE)</td>
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</table>

Fourth Academic Year

Begins in July/11 months

Required Clerkships

Number of Months

<table>
<thead>
<tr>
<th>Required Clerkships</th>
<th>Number of Months</th>
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<tbody>
<tr>
<td>Critical Care Selective</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Patient Care Selective</td>
<td>1</td>
</tr>
<tr>
<td>Ambulatory Medicine Selective</td>
<td>1</td>
</tr>
<tr>
<td>Transition to Residency Month</td>
<td>1</td>
</tr>
<tr>
<td>Medical Jurisprudence</td>
<td></td>
</tr>
<tr>
<td>Advanced Cardiovascular Life Skills</td>
<td></td>
</tr>
</tbody>
</table>

Required Elective Program:
Students take a minimum of five one-month electives 5

Two months are available for vacation or additional electives 2

(Fourth year vacation months may be used in the third year in special circumstances and with prior approval of the Office of Student Affairs)

The Medical School’s fourth-year elective programs permit students to seek clinical opportunities away from Houston, at their own expense, ranging from family practice in rural communities to experiences in the most sophisticated settings requiring advanced technology. International clinical and research electives also are available. The School is fortunate regarding the wealth of clinical opportunities available to its students.

The fourth-year elective catalog is available online at https://med.uth.edu/admissions/current-students/ms4/
Beginning in 2015, the newly revised curriculum will include approximately 18 months of pre-clerkship course work. Basic and clinical sciences will be presented in a modular format based on organ systems. A parallel course will focus on the development of clinical skills through patient contact and simulation exercises. Emphasis will be placed on teaching methodologies that emphasize active participation and development of life-long learning skills, such as problem-based and team-based learning.

Two months of vacation between the first- and second-year will allow the students to participate in clinical preceptorships or research.

The clerkship phase will include required rotations in all major medical specialties. Intersessions will provide the opportunity to apply basic science concepts to the clinical experience at a more advanced level. Students will have the opportunity to pursue personal interests through electives and selectives. Thus, each student will have some flexibility in planning an educational sequence that relates specifically to their ultimate career goals and postgraduate educational plans.

**CHANGE TO:**

Curriculum

The basic four-year program outlined below is required for the MD degree. This curriculum will be offered for the classes entering 2014 and 2015.

Variations and adjustments may be made as the Curriculum Committee deems necessary.

**Basic Sciences**

**First Academic Year**

Required Courses:

* Fall Semester/18 weeks
  - Biochemistry
  - Clinical Applications (Pass/Fail; continued in spring)
  - Developmental Anatomy
  - Gross Anatomy
  - Histology and Cell Biology
  - Introduction to Clinical Medicine (continued in spring)

* Spring Semester/19 weeks Clinical
  - Applications Immunology
  - Microbiology
  - Neuroscience
  - Physiology
  - Introduction to Clinical Medicine

**Second Academic Year**

Required Courses:

* Fall Semester/18 weeks
  - Behavioral Sciences Genetics
  - Fundamentals of Clinical Medicine Epidemiology and Evidence-Based Medicine Integrative Clinical Experience/
  - Problem-Based Learning
Pathology Pharmacology
Physical Diagnosis

Spring Semester/19 weeks
Behavioral Sciences
Ethics and Professionalism Fundamentals
of Clinical Medicine Integrative Clinical
Experience/ Problem-Based Learning
Pathology Pharmacology
Physical Diagnosis
Reproductive Biology
Technical Skills
Basic Life Support
Radiology (Pass/Fail)

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</tbody>
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Comprehensive Clinical Competency Examination (CCCE)

Fourth Academic Year

Begins in July/11 months

Required Clerkships

Number of Months

| Critical Care Selective              | 1               |
| Advanced Patient Care Selective     | 1               |
| Ambulatory Medicine Selective       | 1               |
| Transition to Residency Month       | 1               |
| Medical Jurisprudence               |                 |
| Advanced Cardiovascular Life Skills|                 |

Required Elective Program:
Students take a minimum of four one-month electives  4

Three months are available for vacation or additional electives  3
(Fourth year vacation months may be used in the third year in special circumstances and with prior approval of the Office of Student Affairs)

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