08 28 19

HEALTH PROFESSIONS ORIENTATION

GRAND HALL, RMC
RICE COMMUNITY OF ADVISING

THERE ARE MANY ADVISORS ON CAMPUS TO HELP YOU!
OUR MISSION

ACADEMIC ADVISING AT RICE UNIVERSITY STRIVES FOR AN UNPARALLELED ENVIRONMENT FOR UNDERGRADUATES TO EXPLORE OPPORTUNITIES, IDENTIFY GOALS, AND IMPLEMENTS PLANS TO REACH THOSE GOALS.
EXPLORING HEALTH PROFESSIONS

37% EXPRESS INTEREST IN HEALTH PROFESSIONS

95% PURSUE MD

12-16% OF RICE GRADUATES ATTEND A HEALTH PROFESSIONS SCHOOL
WHAT ARE THE HEALTH PROFESSIONS?

Dentistry
Medicine
Nursing
Occupational Therapy
Optometry
Pharmacy
Physical Therapy
Podiatry

Psychiatry
Public Health
Speech Therapy
Veterinary Medicine
Combined Degrees (MD/PHD)
THE STRONG CANDIDATE

DEMONSTRATE YOUR PASSIONS

ACADEMIC FOUNDATION
CO-CURRICULAR EXPERIENCES
PERSONAL ATTRIBUTES
CHOOSING A MAJOR

WHAT INTERESTS YOU?

REQUIREMENTS CAN BE INCORPORATED IN ANY MAJOR

MAJOR DOES NOT +/- ADMISSION CHANCES

HUMA/SS
30%

ENGI/NSCI
70%

RICE OAA
Office of Academic Advising
## Prerequisite Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Required</th>
<th>Recommended</th>
<th>Hours</th>
<th>Required Lab Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>English</td>
<td>●</td>
<td></td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Chemistry</td>
<td>●</td>
<td></td>
<td>6</td>
<td>●</td>
<td>2</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>●</td>
<td></td>
<td>6</td>
<td>●</td>
<td>2</td>
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<tr>
<td>Biology&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>●</td>
<td></td>
<td>6</td>
<td>●</td>
<td>2</td>
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<tr>
<td>Biochemistry&lt;sup&gt;4&lt;/sup&gt;</td>
<td>●</td>
<td>●</td>
<td>3</td>
<td></td>
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<tr>
<td>Physics</td>
<td>●</td>
<td></td>
<td>6</td>
<td>●</td>
<td>2</td>
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<tr>
<td>Mathematics</td>
<td>●</td>
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<td>3-4</td>
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<tr>
<td>Statistics&lt;sup&gt;4&lt;/sup&gt;</td>
<td>●</td>
<td>●</td>
<td>3</td>
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<tr>
<td>Psychology&lt;sup&gt;5&lt;/sup&gt;</td>
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<td>3</td>
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<tr>
<td>Sociology&lt;sup&gt;5&lt;/sup&gt;</td>
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<td>3</td>
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<tr>
<td>Humanities/Social Sciences (hours=n)</td>
<td>●</td>
<td></td>
<td>12&lt;n</td>
<td></td>
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</table>

Specific course requirements can be found in the Medical School Admission Requirement (MSAR). For dental, review the official guide to dental schools.

For allied health requirements, see the Allied Health Guide on our website.
PLACEMENT
BIOLOGY, CHEMISTRY, MATH & PHYSICS

DEPARTMENTAL PLACEMENT GUIDES
FOUND ON OAA WEBSITE AT OAA.RICE.EDU/FRESHMEN

AP CREDITS
- NOT ALL SCHOOLS ACCEPT AP CREDIT---SEE CHART ON OAA WEBSITE AT OAA.RICE.EDU/PRE-HEALTH-PROFESSIONS
- HOW CONFIDENT ARE YOU IN THE MATERIAL?
- TAKE UPPER DIVISION COURSE WORK
- CONSIDER YOUR READINESS FOR STANDARDIZED TESTS
ACADEMIC TIPS

14-16 CREDIT HOURS/SEMESTER

MUST EARN MINIMUM "C" GRADE

TAKE A DIVERSE SET OF COURSES

ENG/NSCI LABS CAN BE TIME CONSUMING

FOCUS ON TIME MANAGEMENT & STUDY SKILLS

DO NOT TAKE PREREQUISITES PASS/FAIL

AVOID PREREQUISITE COURSE OVER SUMMER
STUDY ABROAD

ABROAD.RICE.EDU
What's on the MCAT Exam?

Use this resource to find out everything you’ll need to know to prepare for the new exam. Take a tour of the materials—watch video tutorials and view sample questions and explanations.

- Biological and Biochemical Foundations of Living Systems Section
- Chemical and Physical Foundations of Biological Systems Section
- Psychological, Social, and Biological Foundations of Behavior Section
- Critical Analysis and Reasoning Skills Section

Content in this section also contains Scientific Inquiry & Reasoning Skills.
DENTAL ADMISSIONS TEST (DAT)

SURVEY OF NATURAL SCIENCES

PERCEPTUAL ABILITY

READING COMPREHENSION

QUANTITATIVE REASONING

BIOLOGY
GENERAL CHEMISTRY
ORGANIC CHEMISTRY
MCAT/DAT TIPS

- Take soon after completing prerequisites
- Plan to study for a significant amount of time through self-study or prep course
- Aim to take once - not uncommon to take a second time
- Scores typically valid for 3 years
I need to take MCAT in the summer after my sophomore year.

False

- For applicants wishing to matriculate to med school right after graduation from Rice, you may take the MCAT as late as May of junior year.
- It is not necessary to rush through prerequisite coursework.
- If you want to "try" the MCAT, take a practice test instead.
## Grades and Standardized Test Scores

**Mean Cumulative Grade Point Average and MCAT Score**

**Rice Applicants Admitted to Medical School (2016-2018)**

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Rice Mean GPA</th>
<th>Rice Mean MCAT Score</th>
<th>Nat’l Mean MCAT Score</th>
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<tbody>
<tr>
<td>2016</td>
<td>3.71</td>
<td>509</td>
<td>501</td>
</tr>
<tr>
<td>2017</td>
<td>3.77</td>
<td>514</td>
<td>508</td>
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<tr>
<td>2018</td>
<td>3.79</td>
<td>515</td>
<td>511</td>
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</table>

In the past 12 years, 87% of Rice undergrads first-time medical school applicants using the OAA services have been accepted to at least one medical school, whereas the national acceptance rate is about 40%. Even when including all alumni (including senior who take a “gap year”, the Rice acceptance rate is more than double the national average.
GRADES AND TEST SCORES

DEMONSTRATE ACADEMIC ACHIEVEMENT
STRONG GRADES
COMPETITIVE TEST SCORES

SCHOOLS VALUE UPWARD TRENDS
DON'T BE DISCOURAGED IF FIRST YEAR GRADES DON'T MEET EXPECTATIONS

SEEK ACADEMIC ASSISTANCE

TEST SCORES SUPPORT HOLISTIC APPLICATION REVIEW
"IF I PUT A "P" ON A CLASS, MEDICAL SCHOOLS CAN REMOVE IT TO SEE WHAT THE LETTER GRADE WAS"

FALSE

• NO EXTERNAL ENTITY, INCLUDING MEDICAL SCHOOLS, CAN ALTER YOUR RICE TRANSCRIPT IN ANY WAY. ONLY THE OFFICE OF THE REGISTRAR AT RICE CAN DO SO.
CLINICAL EXPERIENCES

SHADOWING
SMALL CLINICS
LARGE HOSPITALS
NSCI 399

VOLUNTEERING
HOSPITALS
CLINICS

REMS
RICE EMERGENCY
MEDICAL SERVICES
COMMUNITY SERVICE & LEADERSHIP

houston foodbank
Filling pantries. Filling lives.

STUDENT ORGANIZATIONS

CENTER FOR CIVIC LEADERSHIP
RICE UNIVERSITY
ALL DISCIPLINES
DEVELOP CRITICAL
THINKING SKILLS

EARN CREDIT,
PRESENT, GET
PUBLISHED

LOOK INTO
OPPORTUNITIES AT
RICE & TEXAS
MEDICAL CENTER
I HAVE TO BE PUBLISHED TO GET INTO MEDICAL SCHOOL

FALSE

- You do not need to be published from your research experience to get into medical school.
- Commit long-term to research because you enjoy it, not because you feel like you need it for your medical school application.
- Extensive research is necessary for MD/PhD applicants, with a publication as a nice bonus.
GET TO KNOW YOUR PROFESSORS EARLY!

LETTERS OF EVALUATION

- 1 SCIENCE OR ENGINEERING PROFESSOR
- 1 MAJOR PROFESSOR
- 1 CHARACTER REFERENCE
- 1 RESEARCH (IF APPLICABLE)
STUDENT CODE OF CONDUCT AND HONOR CODE

RICE STUDENTS AGREE TO BEHAVE IN WAYS THAT ARE RESPONSIBLE, RESPECTFUL & ADHERE TO THE POLICIES

PROFESSIONAL SCHOOLS EXPECT GOOD JUDGMENT, HONESTY & INTEGRITY

INFRINGEMENTS MUST BE REPORTED - BEST TO AVOID THEM!

TAKE RESPONSIBILITY FOR MISTAKES AND LEARN FROM LAPSE IN JUDGEMENT

MEET WITH AN ADVISOR TO DISCUSS HOW TO PRESENT YOURSELF HONESTLY AND APPROPRIATELY
FIRST YEAR TIMELINE

- ATTEND HEALTH PROFESSIONS ORIENTATION
- PLAN A TENTATIVE COURSE OF STUDY
- SURVEY CAREER OPTIONS
- GET INVOLVED

SALL

- THINK ABOUT MAJOR
- GET INVOLVED

SPRING

- OAA
- CENTER FOR CIVIC LEADERSHIP
- CENTER FOR CAREER DEVELOPMENT
- STUDY ABROAD OFFICE
- STUDENT SUCCESS INITIATIVES
- RESEARCH

RESOURCES
HEALTH PROFESSIONS ADVISING COMMITTEE (HPAC) LETTER - OPEN FILE PROCESS

AMCAS
AMERICAN MEDICAL COLLEGES APPLICATION SERVICE

TMDSAS
TEXAS MEDICAL AND DENTAL SCHOOL APPLICATION SERVICE

AACOMAS
AMERICAN ASSOCIATION OF COLLEGES OF OSTEOPATHIC MEDICINE APPLICATION SERVICE

AADSAS
ASSOCIATED AMERICAN DENTAL SCHOOL APPLICATION SERVICE

THIS PROCESS STARTS DURING THE JUNIOR YEAR OR AFTER DEPENDING ON WHEN YOU WANT TO APPLY
The HPAC won't write me a committee letter if my GPA and/or MCAT is low

False

- At Rice we do not have a minimum GPA and/or MCAT requirement to be eligible for a committee letter
- We will write a committee letter for all applicants who wish to have one
- We will provide you with a realistic assessment of your credentials
GAP YEAR(S)

- Mature with Life Experience
- Growing # of Rice Students
- Travel, Work, Clinical Experience, Research, Graduate School

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WHERE SHOULD I APPLY

HIGHEST ACCEPTANCE RATE = PUBLIC SCHOOLS IN YOUR HOME STATE
• A Texas-specific program created by the Texas Legislature to support and encourage highly qualified, economically disadvantaged students

• Review information on the Rice JAMP webpage before beginning the application process during sophomore year

• Students should contact Christine Martinez, Rice's JAMP coordinator
FLEXMED ALLOWS COLLEGE SOPHOMORES IN ANY MAJOR TO APPLY FOR EARLY ASSURANCE OF ACCEPTANCE TO ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

• REVIEW ICAHN WEBSITE FOR MORE INFORMATION

• APPLICATIONS OPENS IN AUGUST OF SOPHOMORE YEAR
OAA WEBSITE
OAA.RICE.EDU/PRE-HEALTH-PROFESSIONS

- Pre-Medical/Pre-Dental Guide
- AP Credit Chart
- Allied Health Guide
- Online Resources
- Research Opportunities
- List of Rice Health-Related Student Groups
RPMS

UPCOMING MEETING

RICE PRE-MEDICAL SOCIETY

WEDNESDAY, AUGUST 28
7:30 PM
GRAND HALL
FOLLOWING THIS MEETING
QUESTIONS?