

**UNDERGRADUATE COUNCIL
Request for Change(s)**

Originating unit requesting change:

Type of Change requested:

- | | | | | | |
|--------------------------|--------------------|--------------------------|------------------------|--------------------------|-----------------------|
| <input type="checkbox"/> | Course number(s) | <input type="checkbox"/> | Course prerequisite(s) | <input type="checkbox"/> | Program description* |
| <input type="checkbox"/> | Course title | <input type="checkbox"/> | Drop course(s) | <input type="checkbox"/> | Program requirements* |
| <input type="checkbox"/> | Course description | <input type="checkbox"/> | Drop program(s) | | |

Semester and year change(s) take effect:

Appropriate computer abbreviation
if course title is more than 30 spaces:

In space provided, briefly summarize change requested:

Programs Only*

Program Name: _____

Current Code: _____ Proposed New Code (list 2): _____ or _____
(ex: INDE-BFA)

Can have second major: ____ Yes ____ No

Current 6-digit CIP Code: _____
Does the change require a new or change in CIP code? ____ Yes ____ No

If yes, what is the proposed 6-digit CIP code?* _____

*for reference, please visit: <https://nces.ed.gov/ipeds/cipcode/resources.aspx?y=56>

Program to be promoted to prospective
undergraduate students by TCU Admissions? Yes No

Catalog Copy: *if additional space or formatting is needed, include as an attachment*

Present catalog copy (paste-up from catalog is acceptable):

Proposed change(s): Include exact catalog copy as desired. Strike-through deletions and underline changes in Adobe Acrobat by using Ctrl+E (PC) or Cmd+E (Mac).

1. What is the justification for the change(s) requested?
2. If applicable, explain how the change(s) will affect the current program outcomes and assessment mechanisms.
3. **Faculty Resources:** How will the unit provide faculty support for this change and any other impact this change may have on other current departmental listings.

4. **Educational Resources:** Will this change require additional resources not currently available (e.g. space, equipment, library, other)? YES
If yes, list additional resources needed. NO

5. If this change affects other units of the University, include a statement signed by the chairperson(s) of the affected unit(s).

6. If cross-listed, provide evidence of approval by all curriculum committees appropriate to both the originating and cross-listed units.

Approval signature of chairperson of originating unit

Original Copy

Pre-Health Professions

TCU offers a curriculum preparing students for programs leading to professional degrees in the following health professions: Allopathic Medicine (MD), Dentistry (DDS), Optometry (OD), Osteopathic Medicine (DO), Pharmacy (PharmD), Physician's Assistant (PA), Podiatric Medicine (DPM), and Veterinary Medicine (DVM).

The Health Professions Advisory Committee (HPAC) consists of faculty members who teach courses normally taken by students pursuing the above professional goals and presently includes Professors Giri Akkaraju, biology; Gary Boehm, psychology; Tracy Centanni, psychology; Matt Chumchal, biology and director; Mike Chumley, biology; Jeff Coffey, chemistry; Mathew Crawford, pre-health; Molli Crenshaw, biology; Meredith Curtis, biology and associate director; Mark Demarest, biology; Sophia Garcia, biology; Karol Gryczynski, physics & astronomy; Matt Hale, biology; Doug Ingram, physics & astronomy; Marlo Jeffries, biology; Clark Jones, biology; Laura Luque, biology; Shauna McGillivray, biology and associate director; David Minter, chemistry; Mike Misamore, biology; Anna Petursdottir, psychology; Mikaela Stewart, biology; Anne VanBeber, nutritional sciences Stephanie Wallace, biology; David Weise, psychology. Jessica Alvarez and Sarah Jung, coordinators for the program, offices in SWR 258.

The duties of the committee are to advise students on their curriculum; provide counseling regarding the health professions; and evaluate, both for the student and for the professional schools, the student's suitability for entering the profession. The committee offers "mock" interviews and will write a committee-based letter of evaluation for those students who submit the appropriate biographical materials. Additional information is available at www.prehealth.tcu.edu.

Curriculum

Health profession schools prefer applicants who have completed a four-year curriculum leading to a BA or BS degree. While the health professions schools will accept students in any major, certain courses are required or suggested as described below. In addition, if medicine, dentistry or veterinary medicine is a student's primary career goal, the Health Professions Advisory Committee strongly recommends that students major within the College of Science & Engineering.

Required and Suggested Courses

Although each professional program has its own list of required and suggested courses, those shown below meet the requirements of the majority. Students should check the current requirements of schools to which they intend to apply before they begin their junior year at TCU to ensure that new or unusual requirements can be met before graduation.

Pass/No-Credit Option

See the [Bachelor's Degree Definitions and Regulations](#) in the Bachelor's Degree section of the University requirements.

Professional Entrance Exams

Most professional schools require entrance exams to have been taken *at the time of application*. Generally, these should be taken 15-17 months before contemplated admission; i.e., in the spring of the junior year for four-year students or in the sophomore year for three-year students (see below). Information on these exams is available in the Pre-Health Professions Office SWR 258. These include the Dental Admissions Test (DAT), the Medical College Admissions Test (MCAT) and the Optometry Admissions Test (OAT).

Health Related Activities

All students in TCU's Pre-Health Profession Institute are required to participate in health-related activities (including shadowing and working or volunteering in a clinical setting.) Students cannot participate in health-related activities until they have participated in HIPAA and professionalism training and submitted all required paperwork to the Pre-Health Professions Institute. International students cannot begin participation in health-related activities until their second year in the program and are allowed to do no more than 20 hours per week, approved by their faculty and signed by the organization where the student will be participating. International students must also submit Curricular Practical Training forms to the Office of International Services. Participation is mandatory for all students, and all federal regulations regarding F-1 and J-1 students must be met in order for international student participation.

Health-Related Student Organizations

The program supports a number of health-related student organizations for pre-professional health science students. Additional information is available at <http://www.prehealth.tcu.edu>.

Pre-Health Professions Scholarships

Several competitive scholarships for pre-health professions are available for students who are at least sophomores; have a GPA above 3.0; have a record of service to TCU, the community or the profession; and have demonstrated a high motivation toward a career in medicine and dentistry. Applications are available from the Office of Scholarships and Student Financial Aid.

Proposed Changes

Pre-Health Professions

TCU offers a curriculum preparing students for programs leading to professional degrees in ~~the following health professions~~: Allopathic Medicine (MD), Dentistry (DDS), Optometry (OD), Osteopathic Medicine (DO), Pharmacy (PharmD), Physician's Assistant (PA), Podiatric Medicine (DPM), and Veterinary Medicine (DVM) ~~and others requiring coursework in science.~~

The Health Professions Advisory Committee (HPAC) consists of faculty members who teach courses normally taken by students pursuing the above professional goals ~~and presently includes Professors Giri Akkaraju, biology; Gary Boehm, psychology; Tracy Centanni, psychology; Matt Chumchal, biology and director; Mike Chumley, biology; Jeff Coffey, chemistry; Mathew Crawford, pre-health; Molli Crenshaw, biology; Meredith Curtis, biology and associate director; Mark Demarest, biology; Sophia Garcia, biology; Karol Gryczynski, physics & astronomy; Matt Hale, biology; Doug Ingram, physics & astronomy; Marlo Jeffries, biology; Clark Jones, biology; Laura Luque, biology; Shauna McGillivray, biology and associate director; David Minter, chemistry; Mike Misamore, biology; Anna Petursdottir, psychology; Mikaela Stewart, biology; Anne VanBeber, nutritional sciences Stephanie Wallace, biology; David Weise, psychology. Jessica Alvarez and Sarah Jung, coordinators for the program, offices in SWR 258.~~

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Curriculum

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Required and Suggested Courses

Although each professional program has its own list of required and suggested courses, those shown below meet the requirements of the majority. Students should check the current requirements of schools to which they intend to apply before they begin their junior year at TCU to ensure that new or unusual requirements can be met before graduation. [The Pre-Health](#)

[Professions Institute offers a series of professional development courses which are strongly recommend for all students planning to apply to professional school.](#)

[Recommended Coursework](#)

[Unity and Cells \(BIOL 10503\)](#)
[Diversity and Organisms \(BIOL \(10513\)](#)
[Intro Bio Investigations \(BIOL 10523\)](#)
[Cell/Molecular/Dev Biology \(BIOL 30603\)](#)
[Mammalian Physiology \(BIOL 40403\)](#)
[Fundamentals of Biochemistry \(BIOL 40513\)](#)

[General Chemistry I \(CHEM 10113\)](#)
[General Chemistry II \(CHEM 10123\)](#)
[General Chemistry II Lab \(CHEM 10122\)](#)
[Organic Chemistry I \(CHEM 30123\)](#)
[Organic Chemistry I Lab \(CHEM 30121\)](#)
[Organic Chemistry II \(CHEM 30133\)](#)
[Organic Qualitative Analysis \(CHEM 30143\)](#)

[Physics I \(PHYS 10154\)](#)
[Physics II \(PHYS 10164\)](#)

[Elementary Statistics \(MATH 10043\)](#)

[Intro to Pre-Health \(SCIE 20601\)](#)
[Topics of Medicine: Becoming a Great Applicant \(40110\)](#)
[Pre-Health Professional Development \(SCIE 30613\)](#)

Pass/No-Credit Option

See the [Bachelor's Degree Definitions and Regulations](#) in the Bachelor's Degree section of the University requirements [but note that most professional schools require that pre-requisite coursework be completed with a grade of C or higher.](#)

Professional Entrance Exams

Most professional schools require entrance exams to have been taken *at the time of application*. ~~Generally, these should be taken 15-17 months before contemplated admission; i.e., Since applications are submitted in the summer (ranging from early May through July), entrance exams are typically taken in the spring of the junior year for four-year students or in the sophomore year for three-year students (see below). Information on these exams is available in the Pre-Health Professions Office SWR 258. a student applies.~~ These include the Dental Admissions Test (DAT), the Medical College Admissions Test (MCAT) ~~and~~, the Optometry Admissions Test (OAT) ~~), and the General Record Examination (GRE). Subject based exams such as the MCAT,~~

[DAT, and OAT require a minimum of 2-3 years of coursework prior to taking the exam. Students also typically require several months of additional studying and preparation before they are ready to take these exams. More information on these exams is available in the Pre-Health Professions Office SWR 258.](#)

Health Related Activities

All students in TCU's Pre-Health Profession Institute are required to participate in [biomedical or health-related activities](#) (~~including~~. [This includes](#) shadowing ~~and~~, working, or volunteering in a clinical [and/or research](#) setting-). Students cannot participate in health-related activities until they have participated in HIPAA and professionalism training and submitted all required paperwork to the Pre-Health Professions Institute. International students cannot begin participation in health-related activities until their second year in the program and are allowed to do no more than 20 hours per week, approved by their faculty and signed by the organization where the student will be participating. International students must also submit Curricular Practical Training forms to the Office of International Services. Participation is mandatory for all students, and all federal regulations regarding F-1 and J-1 students must be met in order for international student participation.

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