

UT Southwestern Medical Center

UT Southwestern Medical Center Marketable Skills for Students

Marketable Skills Defined in the 60x30TX Higher Education Plan

Marketable skills include interpersonal, cognitive, and applied skill areas, are valued by employers, and are primary or complementary to a major. Marketable skills are acquired by students through education, including curricular, co-curricular, and extracurricular activities. Marketable skills are often called employability skills in other countries, or transferable skills here in the states. They include both technical and soft skills. This definition purposefully is left broad to allow institutions the freedom to hone in on those skills valued by their industry partners. The marketable skills goal was designed to help students market themselves to employers.

UT Southwestern Academic Programs and Marketable Skills

100% of UT Southwestern's academic programs have identified marketable skills. The requirement for proficiency in marketable skills for student learners in UT Southwestern's seventeen degree programs is enumerated below:

All student learners are exposed to some or all of the following Marketable/Translatable skills:

- Collaboration
- Teamwork
- Teaching
- Presentation
- Public engagement
- Mentoring
- Building a network
- Grantsmanship/grant writing
- Academic writing
- Writing for publication
- Writing for varied audiences (expert/lay)
- Remote communication methods (collaboration & communication across distance)
- Research methodology
- Data collection

Analysis (data and ideas)
Synthesis of information/information management
Intellectual insight
Evaluation/assessment
Critical thinking/problem solving
Innovation
Project management
Time management
Resilience/perseverance

Student Learners are informed of these marketable skills through their program curriculums and through the career services and mentoring services offered by each school

MD Degree: Physician Competency Reference Set (PCRS) and Entrustable Professional Activities are being utilized to ensure that student learners in the MD program are learning competencies that will ensure licensure and development of marketable skills in the health related fields.

PCRS Link: <https://www.aamc.org/what-we-do/mission-areas/medical-education/curriculum-inventory/establish-your-ci/physician-competency-reference-set>

Basic and Applied Sciences PhD and MS Degrees: Student Learners in our **Basic and Applied Sciences programs** are exposed to a series of skills/outcomes that will ensure successful development of academic or non-academic careers.

The NCES Classification of Instructional Programs lists these programs as: Instructional programs that focus on the biological sciences and the non-clinical biomedical sciences, and that prepare individuals for research and professional careers as biomedical scientists.

APPLIED CLINICAL RESEARCH
BIOMEDICAL ENGINEERING
BIOLOGICAL CHEMISTRY
CANCER BIOLOGY
CELL AND MOLECULAR BIOLOGY
CLINICAL SCIENCE
GENETICS, DEVELOPMENT AND DISEASE
IMMUNOLOGY
MOLECULAR BIOPHYSICS
MOLECULAR MICROBIOLOGY
NEUROSCIENCE
ORGANIC CHEMISTRY

Student Learners in the following clinical **PhD and master's programs** learn skills/outcomes that ensure successful licensure and also ensure development of marketable skills in academic and health-related fields similar to those listed for PCRS

PCRS Link: <https://www.aamc.org/what-we-do/mission-areas/medical-education/curriculum-inventory/establish-your-ci/physician-competency-reference-set>

The NCES Classification of Instructional Programs lists these programs as: Instructional programs that prepare individuals to practice as licensed professionals and assistants in the health care professions and related clinical sciences and administrative and support services.

CLINICAL PSYCHOLOGY
PHYSICIAN ASSISTANT STUDIES
ORTHOTICS AND PROSTHETICS
PHYSICAL THERAPY
CLINICAL NUTRITION