**UTEP Graduate School**

**Fast-Track Dual-Credit Program**

**Courses Approved for Undergraduate and Graduate Credit**



Colleges: \_\_Science and Engineering\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Graduate Degree:\_\_\_MS in Biomedical Engineering\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Undergraduate Degrees:\_\_\_BS in Biological Sciences/Biomedical concentration\_

 BS in Cellular and Molecular Biochemistry\_\_& BS in Microbiology\_\_\_\_\_­­­

**Dual Credit Program Admission Requirements:**

Minimum GPA (3.30/4.00 or higher): \_\_\_\_\_3.5\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Maximum Number of Graduate Credit Hours Allowed (up to 15 hours): \_\_\_\_\_\_\_15\_\_\_\_\_\_\_\_\_\_\_

Other: ­­­­­­­ ­\_must have taken:

EITHER: MATH 1312; MATH 2326; MECH 2342; AND (MECH 2311 or MECH 1321 or MME 2434)

OR: MATH 1322; MATH 2326; BME 3303; AND BME 3305

**Graduate Course Inventory Approved for Dual Credit**

Course Prefix & No. \_\_\_BME 5301\_\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_ BME for Global Health\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_BME 5302 \_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_Telemedicine & Imaging Informatics\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_BME 5303\_\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_ Research & Lab Methods\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_BME 5310 \_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_Biomaterials\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_BME 5333\_\_\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_ Biomedical Signal & Image Proc\_\_\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_\_BME 5313\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_\_Tissue Engineering\_\_\_\_\_\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_\_BME 5321\_\_\_ \_\_\_ Title:\_\_\_\_\_\_\_\_ Biomechatronics\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_\_BME 5304\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_\_BME Device Design & Regulation\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_\_BME 5390\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_\_Special Topics\_\_\_\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_\_BIOL 5301\*\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_Select Adv Topics Biol Science\* \_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_\_BIOL 5330\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_\_Cancer Biology\_\_\_\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_\_BIOL 5320\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_\_Endocrinology\_\_\_\_\_\_\_\_\_\_\_

Course Prefix & No. \_\_\_\_BIOL 5308\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_\_Research Funding and Prof. Dev \_\_\_

Course Prefix & No. \_\_\_\_BIOL 5311\_\_\_\_\_\_\_ Title:\_\_\_\_\_\_\_\_\_Neurobiology of Brain Diseases\_\_\_