

UNDERGRADUATE MINORS AND CERTIFICATES

Minors

Students from any discipline may pursue a minor in the areas of study below unless otherwise noted.

- Accounting (<http://catalog.twu.edu/undergraduate/business/accounting-finance/minors/>)
- Applied Psychology (<http://catalog.twu.edu/undergraduate/arts-sciences/psychology-philosophy/minors/>)
- Art (<http://catalog.twu.edu/undergraduate/arts-sciences/arts/visual-arts/minors/>)
- Biology (<http://catalog.twu.edu/undergraduate/arts-sciences/biology/minors/>)
- Business Administration (<http://catalog.twu.edu/undergraduate/business/management-marketing/minors/>)
- Chemistry (<http://catalog.twu.edu/undergraduate/arts-sciences/chemistry-biochemistry/minors/>)
- Child Development (<http://catalog.twu.edu/undergraduate/professional-education/human-development-family-studies-counseling/minors/>)
- Clinical Applications (<http://catalog.twu.edu/undergraduate/arts-sciences/computer-science/minors/>) (Health Informatics)
- Community Informatics (<http://catalog.twu.edu/undergraduate/arts-sciences/computer-science/minors/>)
- Computer Science (<http://catalog.twu.edu/undergraduate/arts-sciences/computer-science/minors/>)
- Criminal Justice (<http://catalog.twu.edu/undergraduate/arts-sciences/criminal-justice/minors/>)
- Cybersecurity (<http://catalog.twu.edu/undergraduate/arts-sciences/computer-science/minors/>)
- Dance (<http://catalog.twu.edu/undergraduate/arts-sciences/arts/dance/minors/>) (open to students with dance training)
- Data Science (<http://catalog.twu.edu/undergraduate/arts-sciences/computer-science/minors/>)
- English (<http://catalog.twu.edu/undergraduate/arts-sciences/english-rhetoric-spanish/minors/>)
- Entrepreneurship (<http://catalog.twu.edu/undergraduate/business/management-marketing/minors/>)
- Environmental Science (<http://catalog.twu.edu/undergraduate/arts-sciences/biology/minors/>)
- Family Studies (<http://catalog.twu.edu/undergraduate/professional-education/human-development-family-studies-counseling/minors/>)
- Fashion Design (<http://catalog.twu.edu/undergraduate/arts-sciences/fashion-design-merchandising/minors/>)
- Fashion Merchandising (<http://catalog.twu.edu/undergraduate/arts-sciences/fashion-design-merchandising/minors/>)
- Finance (<http://catalog.twu.edu/undergraduate/business/accounting-finance/minors/>)
- General Science (<http://catalog.twu.edu/undergraduate/arts-sciences/biology/minors/>)
- Global Studies (<http://catalog.twu.edu/undergraduate/arts-sciences/interdisciplinary-minors/>)
- Health Studies (<http://catalog.twu.edu/undergraduate/health-sciences/health-promotion-kinesiology/minors/>)
- Health Psychology (<http://catalog.twu.edu/undergraduate/arts-sciences/psychology-philosophy/minors/>)
- History (<http://catalog.twu.edu/undergraduate/arts-sciences/history/minors/>)
- Human Resource Management (<http://catalog.twu.edu/undergraduate/business/management-marketing/minors/>)
- Journalism (<http://catalog.twu.edu/undergraduate/arts-sciences/english-speech-foreign-languages/minors/>) (English majors only; minor courses must be taken at UNT)
- Kinesiology (<http://catalog.twu.edu/undergraduate/health-sciences/health-promotion-kinesiology/minors/>)
- Management (<http://catalog.twu.edu/undergraduate/business/management-marketing/minors/>)
- Marketing (<http://catalog.twu.edu/undergraduate/business/management-marketing/minors/>)
- Mathematics (<http://catalog.twu.edu/undergraduate/arts-sciences/mathematics/minors/>)
- Multicultural Women's and Gender Studies (<http://catalog.twu.edu/undergraduate/arts-sciences/womens-studies/minors/>)
- Music (<http://catalog.twu.edu/undergraduate/arts-sciences/arts/music/minors/>)
- Neuroscience (<http://catalog.twu.edu/undergraduate/arts-sciences/biology/minors/>)
- Philosophy (<http://catalog.twu.edu/undergraduate/arts-sciences/psychology-philosophy/minors/>)
- Political Science (<http://catalog.twu.edu/undergraduate/arts-sciences/political-science/minors/>)
- Pre-Med (<http://catalog.twu.edu/undergraduate/arts-sciences/biology/minors/>)
- Pre-Physician Assistant (<http://catalog.twu.edu/undergraduate/arts-sciences/biology/minors/>)
- Psychology/Philosophy (split minor) (<http://catalog.twu.edu/undergraduate/arts-sciences/psychology-philosophy/minors/>)
- Psychology (graduate school preparation) (<http://catalog.twu.edu/undergraduate/arts-sciences/psychology-philosophy/minors/>)
- Race and Ethnic Studies (<http://catalog.twu.edu/undergraduate/arts-sciences/interdisciplinary-minors/>)
- Scientific Illustration (<https://catalog.twu.edu/undergraduate/arts-sciences/biology/minors/>)
- Sociology (<http://catalog.twu.edu/undergraduate/arts-sciences/sociology/minors/>)
- Spanish (<http://catalog.twu.edu/undergraduate/arts-sciences/english-speech-foreign-languages/minors/>)
- Statistics (<http://catalog.twu.edu/undergraduate/arts-sciences/mathematics-computer-science/minors/>)
- Theatre (<http://catalog.twu.edu/undergraduate/arts-sciences/arts/theatre/minors/>)

Certificates

- Adapted Physical Education (<http://catalog.twu.edu/undergraduate/health-sciences/kinesiology/certificates/>) - The undergraduate APE certificate, available to undergraduate students pursuing teacher certification in EC-12 Physical Education, aims to increase the number of entry-level APE teachers in Texas and across the United States. Completion of this certificate will prepare you to deliver

effective physical education instruction to students with disabilities and will increase the graduates' marketability; as school districts are able to hire them to fulfill more than one need for the district (i.e., certified to teach general and adapted PE).

- Biological Research (<http://catalog.twu.edu/undergraduate/arts-sciences/biology/certificates/>) - This certificate program is designed to encourage and recognize students who engage in a substantial and coordinated program of undergraduate research in the Department of Biology.
- Business Leadership (<http://catalog.twu.edu/undergraduate/business/management-marketing/certificates/>) - For students pursuing a major in any discipline at TWU, a Certificate in Business Leadership is offered. This certificate program is designed for individuals who are interested in improving the knowledge and skills they will need as leaders in a variety of careers in a dynamic 21st century.
- Musical Theatre (<http://catalog.twu.edu/undergraduate/arts-sciences/arts/theatre/certificates/>) - This certificate program may appeal to students interested in directing for the musical theatre, acting in the musical theatre, music directing in the musical theatre, or even designing for the musical theatre.
- Professional and Public Writing (<http://catalog.twu.edu/undergraduate/arts-sciences/english-rhetoric-spanish/certificates/>)
- Science, Society, and Sustainability (<http://catalog.twu.edu/undergraduate/arts-sciences/chemistry-biochemistry/certificates/>) - Sustainability can be defined as using resources to meet the needs of today without jeopardizing future generations from being able to do the same. However, different disciplines have different perceptions with regard to sustainable practices. The goal of the Certificate in Science, Society, and Sustainability is to integrate the principles and values of sustainable practices into all aspects of education and learning in order to enable our students to address the social, economic, cultural, and environmental problems facing the new millennium.
- Thought Leadership (<http://catalog.twu.edu/undergraduate/arts-sciences/english-rhetoric-spanish/certificates/>) - Thought leaders are those people in communities and organizations that others turn to for their expertise. They inspire and influence others with their grounded knowledge and innovative thinking. This undergraduate certificate program prepares students to take the knowledge and skills developed while earning their degrees and translate them to the public, teaching them ways to enhance and communicate their credibility as leaders.