

Tennessee Tech University Grand Challenge Scholars Program (GCSP) Application

Name: _____

T Number: _____

Email Address: _____

Major/Concentration: _____

Current GPA: _____

Anticipated Graduation Date: _____

Select a grand challenge area of interest (select one):*

Sustainability: Energy, Environment, and Global Warming.
Examples: Solar energy, energy from fusion, carbon sequestration, access to clean water, improve urban infrastructure, manage the nitrogen cycle

Health: Improve medicine and Healthcare Delivery.
Examples: Engineer better medicines, healthcare informatics, reverse engineer the brain

Security: Reducing Vulnerability to Human and Natural Threats.
Examples: Cyber security, prevent nuclear terror

Joy of Living: Expand and Enhance Human Capability.
Examples: Advance Personalized learning, enhance virtual reality, engineer tools for scientific discovery

For each competency, below, circle one option for each row to indicate how you plan to fulfill the associated competency requirement:

Competencies					
Talent	Capstone Design Project	Summer REU Project	Internship	Honors Thesis	Faculty Research Project
Multicultural	Study Abroad Internship	Study Abroad Course	Global Research Project	Two courses in Global Culture	
Multidisciplinary	Two courses	Multidisciplinary Capstone Project	Minor in Public Policy, International Relations, Business, Law, or Arts		
Entrepreneurship	Intellectual Property Application	Course in Entrepreneurship	TN Tech Innovation and Entrepreneurship (I&E) Certificate		
Social Consciousness	Tutor or SI for one semester	CoE Student Ambassador	Course in Ethics and/or Civic Engagement	Tech Engineering for Kids Project	Rural Reimagined Project

Talent Competency: CISE project (Lenly Weathers)
Put an asterisk – others as approved by the GCSP Committee