Vision
To be nationally recognized for graduating students with strong backgrounds in Science, Technology, Engineering, and Mathematics (STEM) combined with strong backgrounds in creativity and (new) ways of knowing.
To be a national leader/model in innovative research and scholarship in a range of STEM fields including math and science education.
To be nationally recognized for a diverse faculty, staff, and student body that recruits and retains underrepresented individuals into all levels of the Unit.

Mission
Create STEM (as supported by the National Science Foundation) degrees that are recognizable and address the needs of high school students, parents, employers and graduate/professional schools.
Provide degrees that will prepare students for graduate and professional school, industry, and for research positions.
Provide degrees that will prepare students to become math and science teachers and support P-12 outreach projects.
Provide strong interdisciplinary development of students not majoring in S & T fields through courses in STEM that complement the broader UWB curricular offerings.

Goals
Articulate clear learning goals to prepare students for the next steps in their careers and education.
Provide freshmen and sophomores with multiple success points and fundamental skills to succeed in S & T programs. Build a curriculum that recognizes different learning styles and creates an environment of success for talented yet underprepared students.
Provide strong pre-collegiate and collegiate academic support through a science and technology success center.

Approved by S&T faculty June 3, 2009