

# Mathematics & Physics PLAN-ON-A-PAGE

UNIVERSITY VISION



**“To inspire learning and creativity that ignites the mind, nurtures the spirit, and fulfills the promise of a better future”**

COLLEGE MISSION

**“To transform lives through scientific excellence, discovery, and education”**

DEPARTMENT MISSION

**“To empower and inspire students by fostering academic excellence, advancing research, and applying knowledge for the betterment of a multifaceted society while cultivating a lifelong curiosity for physics and mathematical sciences”**

VALUES

**Research Excellence | Collaboration | Student Success | Innovation & Excellence in Teaching**

PRIORITIES

**Students**

Offer high quality student focused education and involvement in research projects that prepare students for future challenges and opportunities

**Faculty Development**

Support professional growth of faculty members to enhance their research capabilities and international exposure

**Research Outreach & Engagement**

Engage with local and global scientific community on collaborative projects

**Recruitment & Retention**

Attract students through active learning activities and high impact STEM outreach activities and offer high quality mentoring

GOALS

**Research excellence**

**Department growth**

**Faculty support**

**Student support**

METRICS

- Increase the number of peer-reviewed publications
- Increase external research funding
- Collaboration within and outside institutions
- Increase involvement in seminars and workshops

- Increase SCH and student enrollment in majors
- Increase alumni engagement
- Increase partnership with university wide units
- Student satisfaction

- Increase faculty development opportunities
- Increase faculty mentoring opportunities for junior faculty
- Increase leadership opportunities for senior faculty
- Faculty awards and recognitions

- Increase student engagement in research
- Increase student participation in clubs and organizations
- Student tutoring effectiveness
- Student mentoring/advising effectiveness