



# Capital Planning Advisory Board

Capital Plan 2022-2028

July 26, 2021



NKU 2020 Master Plan



NKU Science Center

## 2022-2024 Capital Plan Overview

**Our capital priorities reflect NKU’s commitment to the Commonwealth and our region, to increase the number and quality of STEM-prepared workers ready to tackle the challenges of our state’s economy.**

*Northern Kentucky University is committed to being a student-ready, regionally engaged university that empowers diverse learners for economic and social mobility.*

We are requesting **\$77.9 million** in State Bonds for an addition to the **Herrmann Science Center** along with these Asset Preservation priorities:

- Renew/Renovate **Fine Arts Center Phase II**, **\$45 million** in State Bonds
- Renew **Steely Library**, **\$35 million** in State Bonds

**To enable future investments and to meet an ever-increasing demand for STEM graduates, an expansion of the 20-year old science building is the university’s top capital priority.**

- \$36.5 million Herrmann Science Center opened in 2002, housing the basic sciences
- 87,000 square foot addition to the 175,000 square foot Science Center is proposed
- NKU has less than 50% of the science space available to students on other KY regional campuses on a square feet per student basis
- **Biology**, one of the largest enrolled programs at NKU, will see significant growth this fall.

- NKU’s Fall 2021 applications for admission in the basic sciences and engineering technology are up an amazing 32% over 2020
- NKU’s **engineering technology programs** (MMET, EEET, Mechatronics) are the highest enrolled engineering tech programs of any four-year university in the Commonwealth
- **Chemistry/Biochemistry** is now the third largest program in this discipline among all Commonwealth four-year universities
- **Engineering Technology** is housed in space designed for NKU’s long ago phased-out associate degree programs. This space is marginal at best.
- Credit hours in the basic sciences and engineering technology have increased 73% since 1998, when the Science Center was authorized

**The Science Center was completed in 2002. Several significant size reductions were needed to keep the \$36.5M Science Center within budget.**

## Why renovate and renew Fine Arts and Steely Library?

- NKU's 2020 Campus Master Plan affirms NKU's space shortage and recommends strategic additions to several buildings and targeted renovation to others
- Both buildings have critical system obsolescence issues
- Fine Arts has critical structural repair concerns
- Steely is envisioned as a Learning Commons. Academic support offices in the Student Union and the University Center would be moved to Steely, opening up space in those two buildings to expand space for other student engagement uses.
- More than 16,000 students attend NKU



### Fine Arts Center

**Description:** Systems renewal and space renovation, including repairs to 15,000 SF heaved 1st floor area

**Building Type:** 159,000 SF academic building

**Scope:** \$45 million, State Bonds



### Steely Library

**Description:** Systems renewal, including repairs to 2,000 SF heaved 1st floor area, and space renovation to create Learning Commons

**Building Type:** 141,000 SF academic support building

**Scope:** \$35 million, State Bonds

## Why renew and reimagine these legacy buildings?

- To preserve and extend their service is sustainable and respectful of the State's original investment
- Improve space utilization through creation of flexible instructional and research spaces which support student success
- Manage repair and renovation costs in an efficient manner, saving money and reducing impact on building users
- Create spaces which foster innovation and collaboration across disciplines
- These poured-in-place concrete buildings are un-insulated; improvements will increase energy efficiency and reduce operating costs