



REQUEST AND RECOMMENDATION

OHIO STATE UNIVERSITY Master of Structural Engineering

Request:

The Ohio State University requests approval to offer the Master of Structural Engineering degree.

Background:

The Ohio State University is a public research institution located in Columbus, Ohio with regional campuses in Lima, Mansfield, Marion, Newark, and Wooster. The university has an enrollment of more than 60,000 undergraduate, graduate, and professional students. The Ohio State University is accredited by the Higher Learning Commission until its next review in 2026-27.

Curriculum and Enrollment:

The Master of Structural Engineering is a 30 semester hour, post-bachelor's program. The Master of Structural Engineering degree serves the College's land grant mission by providing engineers who are prepared to work and respond to rapidly changing technical conditions influencing the trade and market space. The target audience for the Master of Structural Engineering degree is engineers in the early stages of their professional career who have just begun or whom have been working in the field for fewer than five years. Coursework includes intermediate steel design; intermediate concrete design; structural dynamics; bridge engineering; prestressed concrete; principles of foundations analysis and design; advanced concrete materials; earthquake engineering; structural reliability; applied finite element methods; advanced strength of materials for design; leadership; marketing; and professional development. For the culminating experience, students may choose between a structural engineering studio project or a comprehensive exam.

The Ohio State University projects that enrollment will grow from 5 full-time equivalent students in the first year to 20 full-time equivalent students by the beginning of the fourth year.

Faculty and Resources:

The Ohio State University has adequately planned for the implementation of this program.

Recommendation:

After review of the proposal, the Chancellor's Council on Graduate Studies determined that the Master of Structural Engineering meets the Chancellor's standards for graduate degree programs and on March 25, 2022, 15 voted "yes" and 0 "no" to recommend approval. Approval may be withdrawn if, in the Chancellor's judgement, the university fails to continue to meet the Chancellor's standards for graduate degree programs or receives a sanction from the Higher Learning Commission.

End of Comment Period: 4/8/2022 at 12:20pm

No comments received, recommend approval

RECOMMENDATION

The Associate Vice Chancellor has verified that this institution has met the standards and requirements of the Ohio Department of Higher Education.

/s/ Stephanie McCann

4/11/2022

**Stephanie McCann, Associate Vice Chancellor of
Program Development & Approval**

Date

APPROVAL



Randy Gardner, Chancellor

5/6/2022

Date

mlc