Engineering

The Master of Engineering (MR) distance education degree program is designed for students with an undergraduate degree in engineering or a closely related field who wish to pursue a graduate degree in engineering. The program was created to address the needs of students whose schedule or location does not allow on-campus study, working professionals who wish to obtain an advanced degree or those who wish to change fields within engineering. It is a 30-credit-hour degree program which does not require a thesis, final oral exam or on-campus residency. Students design the plan of study which best meets their career or educational goals, taking courses from at least two engineering disciplines to create a general degree program.

Convenience and flexibility are the key advantages of this interdisciplinary degree program that can be earned totally at a distance with no GRE, thesis, or final oral exam requirements. The Master of Engineering degree allows students to choose from different subplans from the many disciplines of engineering within the College of Engineering or to design their own degree plans that best meet their career or employment goals. Students must identify an area of concentration from which they will complete 3 to 6 classes. All concentration area classes MUST be taken from the College of Engineering at NC State University. The concentration will appear on the student’s transcript if 5 or 6 courses are taken in that specialty area. No double concentration is allowed (5 in one area plus 5 in another area). No more than 6 classes will be allowed in a single area.

The program does not offer financial assistance. The Office of Scholarships and Financial Aid (OSFA) assists students in applying for and securing financial assistance for educational expenses. OSFA can help with all questions about financial aid, and guide students to available scholarships, grants, and loans.

Degrees

- Engineering (MR) (http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr/)
- Engineering (MR): Aerospace Engineering Concentration (http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-aerospace-engineering-concentration/)
- Engineering (MR): Chemical Engineering Concentration (http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-chemical-engineering-concentration/)
- Engineering (MR): Computer Engineering Concentration (http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-computer-engineering-concentration/)
- Engineering (MR): Computer Science Concentration (http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-computer-science-concentration/)
- Engineering (MR): Engineering Management Concentration (http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-engineering-management-concentration/)
- Engineering (MR): Industrial Engineering Concentration (http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-industrial-engineering-concentration/)
- Engineering (MR): Materials Science and Engineering Concentration (http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-materials-science-engineering-concentration/)
- Engineering (MR): Mechanical Engineering Concentration (http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-mechanical-engineering-concentration/)
- Engineering (MR): Nuclear Engineering Concentration (http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-nuclear-engineering-concentration/)

Faculty

Full Professors
Morton A. Barlaz
Mohamed Abdelhay Bourham
Mo-Yuen Chow
Jerome J. Cuomo
Alexandra Duel-Hallen
Yahya Fathi
Paul D. Franzon
Edward F. Gehringer
Jan Genzer
Richard David Gould
Christine S. Grant
Saad A. Khan
Carl C. Koch
James M. Nau
Gregory N. Parsons
Harilaos George Perros
Sanmugavadivel Ranjithan
Douglas Stephen Reeves
Georgios Rouskas
Lawrence M. Silverberg
Munindar P. Singh
J. K. Townsend
Henry J. Trussell
Ioannis Viniotis
Mladen Alan Vouk

Associate Professors
Jeffrey W. Eischen
Jerome Philip Lavelle
Practice/Research/Teaching Professors
Lisa G. Bullard

Adjunct Faculty
Linda D. Krute