Master of Engineering

Program Overview

The Master of Engineering distance education 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. It is a 30 credit hour degree program that does not require a thesis, final oral exam or on-campus residency. The Master of Engineering allows a student to put together his/her own degree plan that best meets his/her career or employment goals. Courses must be taken from at least two engineering disciplines to create a general degree program.

Admission Requirements

- Bachelor’s degree from an accredited college or university in engineering, computer science, mathematics, physics or related sciences. Individuals who do not have an undergraduate degree in these areas will have to complete certain prerequisites before being admitted to the program.
- Must have completed an engineering based calculus series including differential equations prior to applying to the program.
- A minimum overall undergraduate grade point average of 3.0.
- GRE scores are not required.
- All international applicants must take the TOEFL or IELTS exams (no more than two years old) unless they have completed one year of student in the United States.
- A completed online application
- Official transcripts of all Universities or colleges attended
- Personal statement
- Three (3) letters of recommendation

Degree Requirements

- Completion of 30 credit hours of graduate level courses with an overall grade-point average of 3.0.
- All classes must be graded NOT auditing, means all 30 hours must be in graded classes.
- Completion of 21 hours of engineering classes with at least 18 hours taken from the College of Engineering and from more than one engineering discipline or Computer Science.
- The remaining 9 hours are in science related classes, business, math or engineering management.
- Must take a minimum of three (3) courses from a single specialty area.
- The subplan area will appear on the student’s transcript if a minimum of five (5) courses are taken in that specialty area. **All subplan area classes MUST be taken from the College of Engineering at NC State University, transfer classes will not count for concentration area.**

- The subplan areas available for the Master of Engineering degree are Aerospace Engineering, Chemical Engineering, Computer Engineering, Computer Science, Electrical Engineering, Industrial Engineering, Mechanical Engineering, Materials Science and Engineering, Nuclear Engineering, and Engineering (undesignated). Please note that there is no concentration in Civil Engineering.
• Completion of the degree program within six years, and except for summer sessions, a student must remain continuously enrolled for a minimum of one course per fall and spring semesters until graduation. A leave of absence can be granted for two semesters under reasonable justification.
• No thesis or on-campus residency requirements.
• Completion of a graduate Plan of Work (POW) after the completion of 15 hours of NC State credit taken in the Engineering Online program and submitted to the Graduate Program Director.
Course Registration

It is preferable to seek admission to the Master of Engineering program as soon as possible to assure integration into the advising process. However, a person does not have to be admitted to a degree program to enroll in an online credit course. Prior to applying to Graduate School, a qualified individual may enroll in Engineering Online courses as a Non-Degree Studies (NDS) student. The NDS classification is designed for individuals who wish to undertake academic work but who are not currently admitted to a degree program. If the student is admitted to the Master of Engineering program, a maximum of twelve hours taken as a NDS student or from another institution may apply toward the 30 credit hour requirement. Students register for online courses through Engineering Online. Those who wish to take only a few courses and not pursue a degree do not need to apply for formal program admission to NC State University. However, students who wish to earn the Master of Engineering degree must formally apply for admission to the Graduate School at http://www.ncsu.edu/grad.

To register for an Engineering Online course, complete the registration form on the Engineering Online website at http://engineeringonline.ncsu.edu by clicking on “Registration”. Students cannot register through the University MyPack Portal system for Engineering Online courses.

Course Offerings

A list of distance education courses available for each semester can be found on the Engineering Online website. Full-time employed individuals may only enroll in two online courses per semester. It is highly recommended that new students enroll in only one course during their first semester.

For a list of distance education courses approved for the fall, spring or summer semester, visit the Engineering Online web site at http://engineeringonline.ncsu.edu.

Graduation

Graduates are encouraged to attend the University Graduation Commencement for their respective graduation in the fall or spring. The Master of Engineering Program will hold ONE graduation reception every year in the spring during the university spring graduation commencement.

Contact Information

Email is the recommended means of communication for all queries

• For more information about the Master of Engineering degree program available online, contact:

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• For more information about the Engineering Online, contact:

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