

Computational Science and Engineering MS requirements Effective, Fall 2016

School/College: College of Engineering

Degree(s) Offered: Master of Science, Doctor of Philosophy

Graduate Coordinator: Dukka KC, Email: dbkc@ncat.edu Phone: 336-285-3210

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Thesis option. Total credit hours: 30

- Pass 12 credit hours as core courses: CSE 702, 703, 801, 804
- Pass 9 credit hours elective courses from engineering, computer science, mathematics, physics, chemistry, biology, economics, business, agricultural science, or other courses approved by the CSE Department, with approval of Advisor
- Take 6 credit hours of Master's Thesis-CSE 797
- Pass 1 credit hour of Graduate Seminar-CSE 792
- Select 2 (or more) additional credits to complete the 30 credit requirement with approval of advisor. These credit hours can be from Thesis-CSE 797, Continuation of Thesis-CSE 799, Supervised Teaching-CSE 793, Supervised Research-CSE 794, or approved graduate level courses, with approval of Advisor
- Pass Thesis Defense

Note that:

- At least 18 of the credit hours must be 600-799
- Student must maintain appropriate GPA

Project option. Total credit hours: 30

- Pass 12 credit hours as core courses: CSE 702, 703, 801, 804
- Pass 12 credit hours elective courses from engineering, computer science, mathematics, physics, chemistry, biology, economics, business, agricultural science, or other courses approved by the CSE Department, with approval of Advisor
- Take 3 credit hours of Master's Project-CSE 796
- Take 1 credit hour of Graduate Seminar-CSE 792
- Select 2 (or more) additional credits to complete 30 credit requirement with approval of advisor. These credit hours can be from Thesis-CSE 797, Continuation of Thesis-CSE 799, Supervised Teaching-CSE 793, Supervised Research-CSE 794, or approved graduate level courses, with approval of Advisor

Note that:

- At least 18 of the credit hours must be 600-799
- Student must maintain appropriate GPA

Course-Only option. Total credit hours: 30

- Pass 12 credit hours as core courses: CSE 702, 703, 801, 804
- Pass 15 credit hours elective courses from engineering, computer science, mathematics, physics, chemistry, biology, economics, business, agricultural science, or other courses approved by the CSE Department, with approval of Advisor
- Take 1 credit hour of Graduate Seminar-CSE 792

- Select 2 (or more) additional credits to complete 30 credit requirement with approval of advisor. These credit hours can be from Thesis-CSE 797, Continuation of Thesis-CSE 799, Supervised Teaching-CSE 793, Supervised Research-CSE 794, or approved graduate level courses, with approval of Advisor

Note that:

- At least 18 of the credit hours must be 600-799
- Student must maintain appropriate GPA
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