Nuclear Engineering (MS)

Master of Science Degree Requirements

Code	Title	Hours
Core Courses		**15**
Select 500 - 796 level courses approved in conjunction with the academic committee *		
Research Courses		**6**
NE 693	Master's Supervised Research	
NE 695	Master's Thesis Research	
NE 699	Master's Thesis Preparation	
Interdisciplinary Courses		**9**
"Interdisciplinary Courses" are approved in conjunction with the academic committee to meet 30 total hours		
Total Hours		**30**

* Students are required to take one course above the 700 level.

Accelerated Bachelor's/Master's Degree Requirements

The Accelerated Bachelors/Master's (ABM) degree program allows exceptional undergraduate students at NC State an opportunity to complete the requirements for both the Bachelor's and Master's degrees at an accelerated pace. These undergraduate students may double count up to 12 credits and obtain a non-thesis Master's degree in the same field within 12 months of completing the Bachelor's degree, or obtain a thesis-based Master's degree in the same field within 18 months of completing the Bachelor's degree.

This degree program also provides an opportunity for the Directors of Graduate Programs (DGPs) at NC State to recruit rising juniors in their major to their graduate programs. However, permission to pursue an ABM degree program does not guarantee admission to the Graduate School. Admission is contingent on meeting eligibility requirements at the time of entering the graduate program.

Faculty

Emeritus Faculty

Dmitriy Y. Anistratov

Yousry Y. Azmy

Mohamed Abdelhay Bourham

Nam Truc Dinh

Joseph M. Doster

Jacob Eapen

John G. Gilligan

Ayman I. Hawari

Kostadin Nikolov Ivanov

John Kelly Mattingly

Korukonda Linga Murty

Steven Christopher Shannon

Maria Nikolova Avramova

Igor A. Bolotnov

Robert Bruce Hayes

Djamel Kaoumi

Alexander William Bataller

Benjamin Warren Beeler

Mihai Aurelian Diaconeasa

Jia Hou

Katharina Stapelmann

Xu Wu

Ge Yang

Eric Paul Loewen

Abderrafi M. Ougouag

Abderrafi Mohammed El-Amine Ougouag

Scott Parker Palmtag

Sebastian Schunert

Bernard Wehring

John Frederick Zino

Robin Pierce Gardner

Steven Hamilton

Pavel Bokov

Shannon Michelle Bragg-Sitton

Erik Matthews Brubaker

Jon Dahl

Jeffrey Alan Favorite

David Lindsay Green

Vincent Joseph Jodoin

Philip Allan Kraus

Nilesh Kumar

Jeffrey William Lane

Elijah H. Martin

William David Pointer

Curtis Lee Smith

Rene Van Geemert

Louise Gail Worrall

Robert Joseph Zerr

Associate Professor

Lingfeng He

Assistant Professors

Wen Jiang

Florian Laggner

Amanda Lietz

Teaching Assistant Professor

Zeinab Yousef Alsmadi

Associate and Adjunct Faculty

Mauricio Tano Retamales