

Materials Science and Engineering (MS)

Master of Science Degree Requirements

Code	Title	Hours	Counts towards
Required Courses		15	
Select a minimum of 15 credit hours of 500- to 700-level MSE courses approved in conjunction with the academic committee			
Additional Courses		9	
"Additional Courses" are approved in conjunction with the academic committee			
Thesis Course		6	
MSE 695	Master's Thesis Research		
Total Hours		30	

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

Adjunct Professors

Harald Ade

David E. Aspnes

Charles M. Balik

Salah M. A. Bedair

Donald Wayne Brenner

Jerome J. Cuomo

Michael David Dickey

Jan Genzer

Russell E. Gorga

Carol K. Hall

Ola Lars Anders Harrysson

Ayman I. Hawari

Douglas Lee Irving

Albena Ivanisevic

Jacob L. Jones

Jesse Jur

Carl C. Koch

Thomas H. LaBean

Harold Henry Lamb

Frances Smith Ligler

James D. Martin

Veena Misra

Korukonda Linga Murty

Jagdish Narayan

Roger Jagdish Narayan

Gregory N. Parsons

Melissa Anne Pasquinelli

Zlatko Sitar

Franky So

Richard J. Spontak

Joseph B. Tracy

Daryoosh Vashaei

Orlin Dimitrov Velev

Yaroslava G Yingling

Xiangwu Zhang

Yong Zhu

Aram Amassian

Ashley Carson Brown

Ramon R. Collazo

Rajeev Kumar Gupta

Djamel Kaoumi

Jagannadham Kasichainula

Divine Philip Kumah

Nina Wisinger

Ruijuan Xu

Timothy Joseph Horn

Kaveh Ahadi

Veronica Augustyn

Wenpei Gao

Srikanth Patala

Ge Yang

Reza A Ghiladi

John F Muth

Claude Lewis Reynolds Jr.

Hans Conrad

Robert F. Davis

Elizabeth Carol Dickey

Nadia El-Masry

John Joseph Hren

Jacqueline Krim

Gerald Lucovsky

Jon-Paul Maria

Khosrow L. Moazed

Ronald O. Scattergood

John S. Strenkowski

Yuntian T. Zhu

Cheryl Cass

Barry Farmer

Charles Richard Guarnieri

James Michael LeBeau

Tania Milkova Paskova

John T. Prater

Justin Schwartz

Victor Zhirmov

Full Professors

Martin Thuo

Bharat Gwalani

Yin Liu