

# THE GRADUATE SCHOOL

## Masters Degrees

### A

- Accounting - Master of Accountancy (<http://catalogs.nmsu.edu/nmsu/graduate-school/accounting-master-accountancy/>)
- Aerospace Engineering - Master of Engineering in Aerospace Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/aerospace-engineering-master-engineering/>)
- Aerospace Engineering - Master of Engineering in Aerospace Engineering (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/aerospace-engineering-meae-online/>)
- Aerospace Engineering - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/aerospace-engineering-master-science/>)
- Agricultural and Extension Education (Agricultural Strategic Communications) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/agricultural-extension-education-agricultural-strategic-comm-ma-online/>)
- Agricultural and Extension Education - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/agricultural-extension-education-ma/>)
- Agricultural and Extension Education - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/agricultural-extension-education-ma-online/>)
- Agricultural Biology - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/agricultural-biology-master-science/>)
- Agricultural Economics - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/agricultural-economics-ma-science/>)
- Agriculture (Agribusiness) - Master of Agriculture (<http://catalogs.nmsu.edu/nmsu/graduate-school/agriculture-agribusiness-ma-agriculture/>)
- Agriculture (Agribusiness) - Master of Agriculture (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/agriculture-agribusiness-mag-online/>)
- Agriculture (Domestic Animal Biology) - Master of Agriculture (<http://catalogs.nmsu.edu/nmsu/graduate-school/agriculture-domestic-animal-biology-ma-agriculture/>)
- Animal Science - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/animal-science-ma-science/>)
- Anthropology - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/anthropology-master-arts/>)
- Applied Statistics - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/applied-statistics-master-science/>)
- Art - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/art-master-arts/>)
- Astronomy - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/astronomy-master-science/>)
- Athletic Training - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/athletic-training-master-science/>)

### B

- Bioinformatics - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/bioinformatics-master-science/>)

- Biology - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/biology-master-science/>)
- Business Administration (Agribusiness) - Master of Business Administration (<http://catalogs.nmsu.edu/nmsu/graduate-school/business-administration-agribusiness-master-business-administration/>)
- Business Administration (Finance) - Master of Business Administration (<http://catalogs.nmsu.edu/nmsu/graduate-school/business-administration-finance-master-business-administration/>)
- Business Administration (Health Services Management) - Master of Business Administration (<http://catalogs.nmsu.edu/nmsu/graduate-school/business-administration-health-services-management-master-business-administration/>)
- Business Administration (Health Services Management) - Master of Business Administration (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/business-administration-health-services-mgt-mba-online/>)
- Business Administration (Information Systems) - Master of Business Administration (<http://catalogs.nmsu.edu/nmsu/graduate-school/business-administration-information-systems-master-business-administration/>)
- Business Administration (Information Systems) - Master of Business Administration (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/business-administration-information-systems-mba-online/>)
- Business Administration (Public Utility Regulations) - Master of Business Administration (<http://catalogs.nmsu.edu/nmsu/graduate-school/business-administration-public-utility-regulations-master-business-administration/>)
- Business Administration (Public Utility Regulations) - Master of Business Administration (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/business-administration-public-utility-regulations-mba-online/>)
- Business Administration - Master of Business Administration (<http://catalogs.nmsu.edu/nmsu/graduate-school/business-administration-master-business-administration/>)
- Business Administration - Master of Business Administration (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/business-administration-mba-online/>)

### C

- Chemical Engineering - Master of Science in Chemical Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/chemical-engineering-master-science-chemical-engineering/>)
- Chemical Process Industry - Master of Engineering in Chemical Process Industry (<http://catalogs.nmsu.edu/nmsu/graduate-school/chemical-process-industry-master-engineering/>)
- Chemical Process Industry - Master of Engineering in Chemical Process Industry (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/chemical-process-industry-mecpi-online/>)
- Chemistry - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/chemistry-master-science/>)
- Civil Engineering - Master of Engineering in Civil Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/civil-engineering-master-engineering/>)
- Civil Engineering - Master of Engineering in Civil Engineering (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/civil-engineering-mece-online/>)

- Civil Engineering - Master of Science in Civil Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/civil-engineering-master-science-civil-engineering/>)
- Clinical Mental Health Counseling - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/clinical-mental-health-counseling-master-arts/>)
- Clinical Psychopharmacology - (Postdoctoral) - Master of Science (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/clinical-psychopharmacology-postdoctoral-ms-online/>)
- Communication Disorders - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/communication-disorders-master-arts/>)
- Communication Studies (Analysis and Decision-Making) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/communication-studies-analysis-decision-making-ma-online/>)
- Communication Studies (Leadership Communication) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/communication-studies-leadership-communication-ma-online/>)
- Communication Studies - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/communication-studies-master-arts/>)
- Computer Science - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/computer-science-master-science/>)
- Counseling and Guidance (Educational Diagnostics) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/counseling-guidance-educational-diagnostics-ma/>)
- Creative Writing - Master of Fine Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/creative-writing-master-fine-arts/>)
- Criminal Justice - Master of Criminal Justice (<http://catalogs.nmsu.edu/nmsu/graduate-school/criminal-justice-master-criminal-justice/>)
- Criminal Justice - Master of Criminal Justice (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/criminal-justice-mcj-online/>)

## D

- Data Analytics (Digital Agriculture) - Master of Data Analytics (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/data-analytics-digital-agriculture-mda-online/>)
- Data Analytics - Master of Data Analytics (<http://catalogs.nmsu.edu/nmsu/graduate-school/data-analytics-master-data-analytics/>)
- Data Analytics - Master of Data Analytics (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/data-analytics-mda-online/>)

## E

- Economics (Econometrics) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/economics-econometrics-master-arts/>)
- Economics (Econometrics) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/economics-econometrics-ma-online/>)
- Economics (Public Policy) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/economics-public-policy-master-arts/>)
- Economics (Public Policy) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/economics-public-policy-ma-online/>)

- Economics (Public Utility Policy and Regulation) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/economics-public-utility-policy-regulation-master-arts/>)
- Economics (Public Utility Policy and Regulation) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/economics-public-utility-policy-regulation-ma-online/>)
- Economics - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/economics-master-arts/>)
- Economics - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/economics-ma-online/>)
- Education (Bilingual Education) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/education-bilingual-education-master-arts/>)
- Education (Curriculum & Instruction) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/education-curriculum-instruction-master-arts/>)
- Education (Curriculum & Instruction) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/education-curriculum-instruction-ma-online/>)
- Education (Early Childhood Education Plus Licensure) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/education-early-childhood-ed-plus-licensure-ma-online/>)
- Education (Early Childhood Education Plus Licensure) - Masters of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/education-early-childhood-education-plus-licensure-master-arts/>)
- Education (Early Childhood Education) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/education-early-childhood-education-master-arts/>)
- Education (Early Childhood Education) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/education-early-childhood-ed-ma-online/>)
- Education (Educational Learning Technologies) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/education-educational-learning-technologies-ma-online/>)
- Education (Elementary Licensure Prep) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/education-elementary-licensure-prep-master-arts/>)
- Education (Elementary Licensure Prep) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/education-elementary-licensure-prep-ma-online/>)
- Education (Elementary Mathematics and Science) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/education-elementary-mathematics-science-master-arts/>)
- Education (Language, Literacy & Culture) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/education-language-literacy-culture-ma-online/>)
- Education (Language, Literacy, & Culture) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/education-language-literacy-culture-master-arts/>)
- Education (Secondary Licensure Prep) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/education-secondary-licensure-prep-master-arts/>)
- Education (Secondary Licensure Prep) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/education-secondary-licensure-prep-ma-online/>)
- Education (Spanish) - Master of Arts in Teaching (<http://catalogs.nmsu.edu/nmsu/graduate-school/education-spanish-master-arts-teaching/>)

- Education (Teaching English to Speakers of Other Languages) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/education-tesol-master-arts/>)
- Educational Leadership & Administration (Higher Education Administration) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/educational-leadership-administration-higher-education-administration-master-arts/>)
- Educational Leadership & Administration (Pk-12 Administration) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/educational-leadership-administration-pk-12-administration-master-arts/>)
- Educational Leadership & Administration (Higher Education Administration) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/educational-leadership-administration-higher-ed-admin-ma-online/>)
- Educational Leadership & Administration (Pk-12 Administration) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/educational-leadership-administration-pk12-admin-ma-online/>)
- Electrical Engineering - Master of Engineering in Electrical Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/electrical-engineering-master-engineering-electrical-engineering/>)
- Electrical Engineering - Master of Engineering in Electrical Engineering (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/electrical-engineering-meee-online/>)
- Electrical Engineering - Master of Science in Electrical Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/electrical-engineering-master-science-electrical-engineering/>)
- Electrical Engineering - Master of Science in Electrical Engineering (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/electrical-engineering-msee-online/>)
- English (Technical and Professional Communication) - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/english-technical-professional-communication-ma-online/>)
- English - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/english-master-arts/>)
- Environmental Engineering - Master of Science in Environmental Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/environmental-engineering-master-science-environmental-engineering/>)
- Experimental Psychology - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/experimental-psychology-master-arts/>)

## F

- Family and Consumer Sciences (Couples, Marriage and Family Therapy) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/family-consumer-sciences-couples-marriage-family-therapy-ms/>)
- Family and Consumer Sciences (Food Science and Technology) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/family-consumer-sciences-food-science-tech-ms/>)
- Family and Consumer Sciences (Hotel, Restaurant and Tourism Management) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/family-consumer-sciences-hrtm-ms/>)
- Family and Consumer Sciences (Human Nutrition & Dietetic Sciences) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/family-consumer-sciences-hnds-ms/>)
- Fine Arts - Master of Fine Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/fine-arts-master-fine-arts/>)

- Fish, Wildlife and Conservation Ecology - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/fish-wildlife-conservation-ecology-master-science-fwce/>)

## G

- Geography - Master of Applied Geography (<http://catalogs.nmsu.edu/nmsu/graduate-school/geography-master-applied-geography/>)
- Geology - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/geology-master-science/>)
- Government - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/government-master-arts/>)

## H

- History (Public History) - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/history-public-history-master-arts/>)
- History - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/history-master-arts/>)
- Horticulture - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/horticulture-master-science/>)

## I

- Industrial Engineering - Master of Engineering in Industrial Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/industrial-engineering-master-engineering/>)
- Industrial Engineering - Master of Engineering in Industrial Engineering (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/industrial-engineering-meie-online/>)
- Industrial Engineering - Master of Science in Industrial Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/industrial-engineering-master-science-industrial-engineering/>)
- Industrial Engineering - Master of Science in Industrial Engineering (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/industrial-engineering-msie-online/>)
- Information Technology - Master of Information Technology (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/information-technology-mit-online/>)

## M

- Master of Public Health/Master of Social Work - Dual Degree (<http://catalogs.nmsu.edu/nmsu/graduate-school/master-public-health-master-social-work-dual-degree/>)
- Mathematics - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/mathematics-master-science/>)
- Mechanical Engineering - Master of Engineering (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/mechanical-engineering-meme-online/>)
- Mechanical Engineering - Master of Engineering in Mechanical Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/mechanical-engineering-master-engineering/>)
- Mechanical Engineering - Master of Science in Mechanical Engineering (<http://catalogs.nmsu.edu/nmsu/graduate-school/mechanical-engineering-master-science-mechanical-engineering/>)
- Molecular Biology - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/molecular-biology-master-science/>)
- MPA-MCJ Program - Dual Degree (<http://catalogs.nmsu.edu/nmsu/graduate-school/mpa-mcj-program-dual-degree/>)

- Music (Conducting) - Master of Music (<http://catalogs.nmsu.edu/nmsu/graduate-school/music-conducting-master-music/>)
- Music (Music Education) - Master of Music (<http://catalogs.nmsu.edu/nmsu/graduate-school/music-music-education-master-music/>)
- Music (Music Education) - Master of Music (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/music-music-education-mm-online/>)
- Music (Performance) - Master of Music (<http://catalogs.nmsu.edu/nmsu/graduate-school/music-performance-master-music/>)

## N

- Nursing Leadership and Administration - Master of Science in Nursing (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/nursing-leadership-administration-msn-online/>)

## P

- Physics (Space Physics) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/physics-space-physics-master-science/>)
- Physics - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/physics-master-science/>)
- Plant and Environmental Science - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/plant-environmental-science-master-science/>)
- Public Administration - Master of Public Administration (<http://catalogs.nmsu.edu/nmsu/graduate-school/public-administration-master-public-administration/>)
- Public Health (Health Behavior & Health Promotion) - Master of Public Health (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/public-health-health-behavior-health-promotion-mph-online/>)
- Public Health (Health Behavior and Health Promotion) - Master of Public Health (<http://catalogs.nmsu.edu/nmsu/graduate-school/public-health-health-behavior-health-promotion-master-public-health/>)
- Public Health (Health Management, Administration & Policy) - Master of Public Health (<http://catalogs.nmsu.edu/nmsu/graduate-school/public-health-health-management-administration-policy-master-public-health/>)
- Public Health (Health Management, Administration & Policy) - Master of Public Health (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/public-health-health-mgt-admin-policy-mph-online/>)
- Public History and Public Administration - Dual M.A. Degree (<http://catalogs.nmsu.edu/nmsu/graduate-school/public-history-public-administration-dual-ma-degree/>)

## R

- Range Science - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/range-science-master-science/>)

## S

- Social Work - Master of Social Work (<http://catalogs.nmsu.edu/nmsu/graduate-school/social-work-master-social-work/>)
- Social Work - Master of Social Work (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/social-work-msw-online/>)
- Sociology - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/sociology-master-arts/>)

- Sociology - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/sociology-ma-online/>)
- Spanish - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/spanish-master-arts/>)
- Spanish - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/spanish-ma-online/>)
- Special Education - Master of Arts (<http://catalogs.nmsu.edu/nmsu/graduate-school/special-education-master-arts/>)
- Special Education - Master of Arts (Online) (<http://catalogs.nmsu.edu/online/nmsu-online/special-education-ma-online/>)

## W

- Water Science and Management (Agricultural Water Resources) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/water-science-management-agricultural-water-resources-master-science/>)
- Water Science and Management (International Water Resilience) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/water-science-management-international-water-resilience-master-science/>)
- Water Science and Management (Water Economics and Policy) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/water-science-management-water-economics-policy-master-science/>)
- Water Science and Management (Water Informatics) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/water-science-management-water-informatics-master-science/>)
- Water Science and Management (Water Quality and Treatment) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/water-science-management-water-quality-treatment-master-science/>)
- Water Science and Management (Watersheds and Aquatic/Riparian Wetlands) - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/water-science-management-watersheds-aquatic-riparian-wetlands-master-science/>)
- Water Science and Management - Master of Science (<http://catalogs.nmsu.edu/nmsu/graduate-school/water-science-management-master-science/>)

## Advanced Manufacturing - Concentration

The graduate concentration in advanced manufacturing educates students and creates a skilled workforce for the growing needs of new technologies and advanced products in the 21st century. The program provides hands-on experience on designing, adapting, and building parts using advanced materials by including new processes, changing the supply chain, and adapting business models. It also includes the design optimization, materials selection and characterization, process parameter mapping, data analytics, software development, and final part inspection among other concepts. This concentration is maintained by the College of Engineering but is open to any Master's level major/degree.

Prefix	Title	Credits
<b>Required Courses</b>		
IE 575	Advanced Manufacturing Processes	3
IE 571	Advanced Quality Control	3
CE 510	Introduction to Nondestructive Testing	3
CHME 564	Polymer Science & Engineering	3

CHME 491/AGRO 450	Undergraduate Special Topics (AGRO 450 CHME 491 Development of Agricultural Technologies)	3
<b>Electives</b>		
5 Electives (Select 500 Level Courses from EE, CHME, IE, CE, or MAE) <sup>1</sup>		15
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> With Approval of the advisor and instructor

### **Selection of Advisor**

Newly admitted graduate students will be assigned a temporary advisor for the first semester, but they must select a degree option and permanent advisor before registering for the second semester.

In considering a decision about option and advisor, the student should arrange to meet with several members of the graduate faculty during the first six weeks of study to discuss specific educational objectives. The student can use these meetings to become familiar with faculty interests and research projects currently in progress. The faculty member must agree (in writing) to serve as the student's advisor.

Although there is no oral exam, students will be required to complete an exit-interview with one of Advanced Manufacturing concentration and one graduate faculty member from the master of engineering they select to study.