

Graduate
Program



NORTH
AMERICAN
UNIVERSITY

Leaders in
Learning,

Pioneers

in Practice

www.na.edu

Houston, Texas

A

t North American University, we're committed to helping you achieve your professional and personal goals through our dynamic graduate programs. Our offerings are designed to equip you with the practical skills, advanced knowledge, and leadership capabilities to excel in today's competitive landscape.

Whether you're enhancing your business acumen with our MBA, diving into cutting-edge technology through our Master of Science in Computer Science, or making a difference in education with one of our Master of Education degrees, NAU is here to support your journey. With specializations in areas like Data Analytics, Educational Leadership, Curriculum and Instruction, and School Counseling, our graduate programs are tailored to your ambitions, providing a blend of academic excellence and real-world application that will set you apart in your career.

North American University offers six master's degrees:

Master of Business Administration

Master of Science in Computer Science

Master of Education in Curriculum and Instruction

Master of Education in Educational Leadership

Master of Education in School Counseling with 48 credit hours


Master of Education in School Counseling with 30 credit hours

Apply Now



apply.nau.edu





80%

M. Ed. In School Counseling
Employment Rate

15

Student /Faculty Ratio
Fall 2023

85%

M. Ed. In Curriculum &
Instruction | Graduation Rate

Affordable

Education Rates

Flexible

Learning Options

Master of Business Administration



In today's fast-paced business world, companies need to stay ahead by hiring individuals who not only grasp fundamental business principles but also have the expertise to make impactful decisions. To meet this demand, employers consistently seek out MBA graduates.

At North American University, our MBA program is crafted by top faculty and industry experts to equip you for a thriving business career. Our program empowers you to master essential business knowledge in core areas, develop leadership and analytical thinking skills, and specialize in one of four exciting concentrations.

With 30 credit hours (10 courses), our flexible MBA program offers ONLINE courses and select face-to-face options to fit your schedule. Join NAU's MBA program and take the next step toward your future success.

Program Goals

The goals of the Master of Business Administration program are to enable students to:

1. Gain business knowledge and problem-solving skills.
2. Utilize business knowledge and analytical thinking skills to solve business problems.
3. Utilize communication skills and ethical principles to enhance professional interactions in business settings.

Student Learning Outcomes

Students who successfully complete the Master of Business Administration program will be able to demonstrate the skills mentioned in the following areas:

1. Acquire integrative knowledge across business disciplines.
2. Demonstrate the ability to employ analytical models and critical thinking to identify and evaluate business problems and solutions.
3. Demonstrate effective business communication skills through preparing written reports and professional correspondence, and oral presentation skills.
4. Identify ethical dilemmas challenging business leaders and recommend ethical solutions.



The MBA program at NAU offers unparalleled opportunities for professional growth & global networking, connecting you with classmates from around the world.

Our MBA program offers two tailored paths to match your career goals. Both options provide a strong foundation for success, with the flexibility to align with your professional aspirations:

i. Executive MBA (Non-Thesis) Option - Designed for professionals seeking to advance their leadership and business skills, this option focuses on practical, real-world application without the need for a thesis.

ii. Academic MBA (Thesis) Option - Ideal for those interested in research or academia, this path emphasizes in-depth business theory and culminates in a thesis project, preparing you for advanced roles or further study.

Elevate your career with NAU's MBA specializations.

Dive into data with Business Analytics, enhance healthcare services with Health Care Management, lead transformative changes with Leadership and Change Management, or optimize efficiency with Operations Management. Each path offers targeted courses to build your expertise and impact.

Business Analytics

Businesses often grapple with extracting insights from vast data. Business Analytics focuses on data-driven decision-making and creating economic value by identifying meaningful patterns and trends. Business analysts are in high demand across various sectors, including Fortune 100 companies, small businesses, universities, non-profits, and government organizations. NAU's MBA program offers a hands-on Business Analytics concentration, blending business theory with statistics and computational analytics to solve real-world problems. With expert faculty, you can achieve the next level of effective decision-making.

Health Care Management

With the growth of healthcare organizations, there is an increasing need for skilled managers to efficiently utilize resources and enhance healthcare services and medical products. The Health Care Management concentration at NAU equips students with the knowledge to drive improvements in the healthcare industry. Students delve into the organization and delivery of healthcare, exploring essential business areas related to the sector. This program prepares you to make significant contributions to the future of healthcare management.

Leadership & Change Management

The Leadership and Change Management concentration at NAU focuses on cultivating a collaborative corporate culture that drives innovation and problem-solving. With a curriculum developed by esteemed faculty and industry professionals, this program offers practical skills and strategies for leading change and fostering innovation. Through hands-on learning, you'll be equipped to design and implement effective change initiatives within dynamic environments.

Operations Management

Operations Management is crucial to every business, transforming resources into products and services for customers. Managers need expertise in areas such as procurement, supply chain, production, inventory, quality, logistics, transportation, and distribution. NAU's Operations Management concentration focuses on these topics, emphasizing sustainability and collaboration. This program prepares students for diverse careers in industries including manufacturing, service companies, government, and education.



For a master's degree in business administration, students are required to complete 30 semester credit hours: 24 credits of core courses and 6 credits of concentration courses.

CORE COURSES (24 credits)

MBA 5311	Managerial Economics
MBA 5312	Managerial Accounting and Budgeting
MBA 5313	Statistics for Business Decision Making
MBA 5314	Marketing Management
MBA 5316	Management and Organizational Theory
MBA 5317	Business Policy and Strategy
MBA 5318	Project Management, or MBA 5399 Internship
MBA 5319	Financial Management

Business Analytics Concentration (6 credits)

MBA 5355	Data Analysis and Forecasting (a required concentration course)
MBA 5352	Managerial Decision Models and Simulation or
COMP 5353	Advanced Data Mining

Health Care Management Concentration (6 credits)

MBA 5341	Health Care Systems (a required concentration course)
MBA 5342	HRM in Health Care or
MBA 5343	Health Care Finance

Leadership & Change Management Concentration (6 credits)

MBA 5315	Leadership in Organizations (a required concentration course)
MBA 5331	Leading Organizational Change or
MBA 5332	Creativity, Innovation and Design

Operations Management Concentration (6 credits)

MBA 5361	Operations Management (a required concentration course)
MBA 5362	Quality Management and Control or
MBA 5363	Logistics and Transportation Management

Thesis Courses

MBA 5390	Thesis Research
MBA 5391	Thesis Writing

Master of Science in Computer Science

The Department of Computer Science strives for quality in teaching and research by covering the fundamentals as well as applied aspects of computer science while enabling students with technological, problem-solving skills, collaborative activities and consideration to ethical issues.

Program Goals

The goals of the Master of Science in Computer Science program are to:

1. Prepare students for mid to advance level employment opportunities.
2. Develop strong oral and written communication skills.
3. Provide clear understanding of ethical issues related to the computing profession.

Student Learning Outcomes

Master of Science in Computer Science students following graduation will be able to :

1. Demonstrate advanced skills of computing and algorithms.
2. Develop sophisticated knowledge of operating systems and hardware.
3. Apply advanced practices of software design and development cycle.
4. Acquire advanced skills in computer networks.
5. Analyzing data using advanced computing tools.
6. Engaging and applying secure practices in various digital environments.
7. Demonstrate communication skills to convey technical information accurately and effectively.

Rankings



6th

Best

Master's In Computer
Science Online Of 2024

- Forbes

#18

Affordable

Online Master's in Computer
Science in 2024

- Techguide



2024

**Best
Computer
Science**

Degree Programs Ranking in Texas

- Research.com

TechGuide's mission is to provide clear, up-to-date resources by collaborating with experts, conducting interviews, and commissioning research across technology fields.

Research.com is a top educational platform that helps students find the best schools and career paths through expert-prepared, data-driven guides. It also offers popular rankings and detailed overviews of US colleges and universities.

Forbes Advisor Education provides expert-driven resources to help students make informed decisions about colleges, degrees, and career paths. With comprehensive guides, rankings, and insights, it offers valuable tools for navigating higher education choices.

Computer Networking

The Master of Science in Computer Networking at NAU provides a strong IT foundation and advanced courses in network security, management, and architecture. Students gain expertise in network design, implementation, performance analysis, and the latest technologies. The program requires 30 semester credit hours: 21 credits of core computer science courses and 9 credits of concentration courses, with a final research-based thesis or capstone project. Some students may need leveling courses depending on their prior education.

Cyber Security

Every day brings news of significant computer security breaches affecting corporations, government agencies, and communication systems. As our world relies more on cyber infrastructure, securing these systems has become a national priority. To address this, NAU's Computer Science department offers a Cyber Security concentration for master's students. The curriculum covers technical aspects of secure software, languages, and architectures, alongside societal issues like privacy and legal implications. This program equips students with the expertise needed to protect and strengthen network security.

Data Analytics

This program provides a comprehensive foundation in statistical methods for solving real-world problems. It prepares students for data analytics careers by equipping them with broad knowledge and skills in applying statistical tools, techniques, and methods. Additionally, students gain the ability to design, develop, implement, program, and maintain data systems. This program emphasizes in-depth analysis, synthesis, and evaluation, preparing graduates for analytical roles across various industries.

Software Engineering

Software Engineering courses at NAU focus on applying engineering principles to software development. This systematic, disciplined approach encompasses the design, implementation, testing, maintenance, and reengineering of software. Software Engineering profoundly impacts every aspect of human life by driving significant advancements in technology and its applications.

For the M.S. in Computer Science, students are required to complete 30 semester credit hours: 24 credits of core courses and 6 credits of concentration courses. Students without a background in computer science must take a short series of courses to provide the necessary background knowledge for graduate study in computer science.

These courses are required for leveling only and cannot be counted towards the required hours for graduation. Successful completion of these courses means earning a grade of C or better in each leveling course. Students need to finish leveling courses to change their status from conditionally accepted to fully accepted.

Leveling Courses

COMP 1411 Introduction to CS I
COMP 1412 Introduction to CS II
COMP 2313 Data Structures
COMP 3322 Software Engineering
COMP 3324 Computer Networks

CORE Courses(24 credits)

COMP 5322 Advanced Software Engineering
COMP 5327 Advanced Algorithms
COMP 5329 Advanced Operating Systems
COMP 5331 Advanced Cloud Computing
COMP 5334 Advanced Computer & Network Security
COMP 5353 Advanced Data Mining
COMP 5356 Advanced Software Project Management
COMP 5393 Capstone Project

Cyber Security Concentration (6 credits)

COMP 5333 Cyber Crime Investigation
COMP 5336 Computer Forensics

Data Analytics Concentration (6 credits)

COMP 5337 Machine Learning
COMP 5355 Data Analysis

Networking Concentration (6 credits)

COMP 5351 Advanced Network Administration
COMP 5352 Advanced Inter-networking Technology

Software Engineering Concentration (6 credits)

COMP 5339 Advanced Software Analysis and Design
COMP 5344 Software Testing, Verification and Validation

Electives

COMP 5198 Internship
COMP 5398 Internship
COMP 5399 Special Topics
Or any graduate level Computer Science courses.

Master of Education in Curriculum and Instruction

The Master of Education (M.Ed.) in Curriculum and Instruction at NAU equips students with the skills to design curricula and deliver instruction using the latest instructional technology. Grounded in essential knowledge, research, and professional practice, this program prepares students to navigate the complexities of educational institutions. Graduates gain the ability to communicate effectively with stakeholders, leveraging insights into human development, learning environments, and cognitive and behavioral models to achieve their professional, academic, and personal goals.

Program Goals

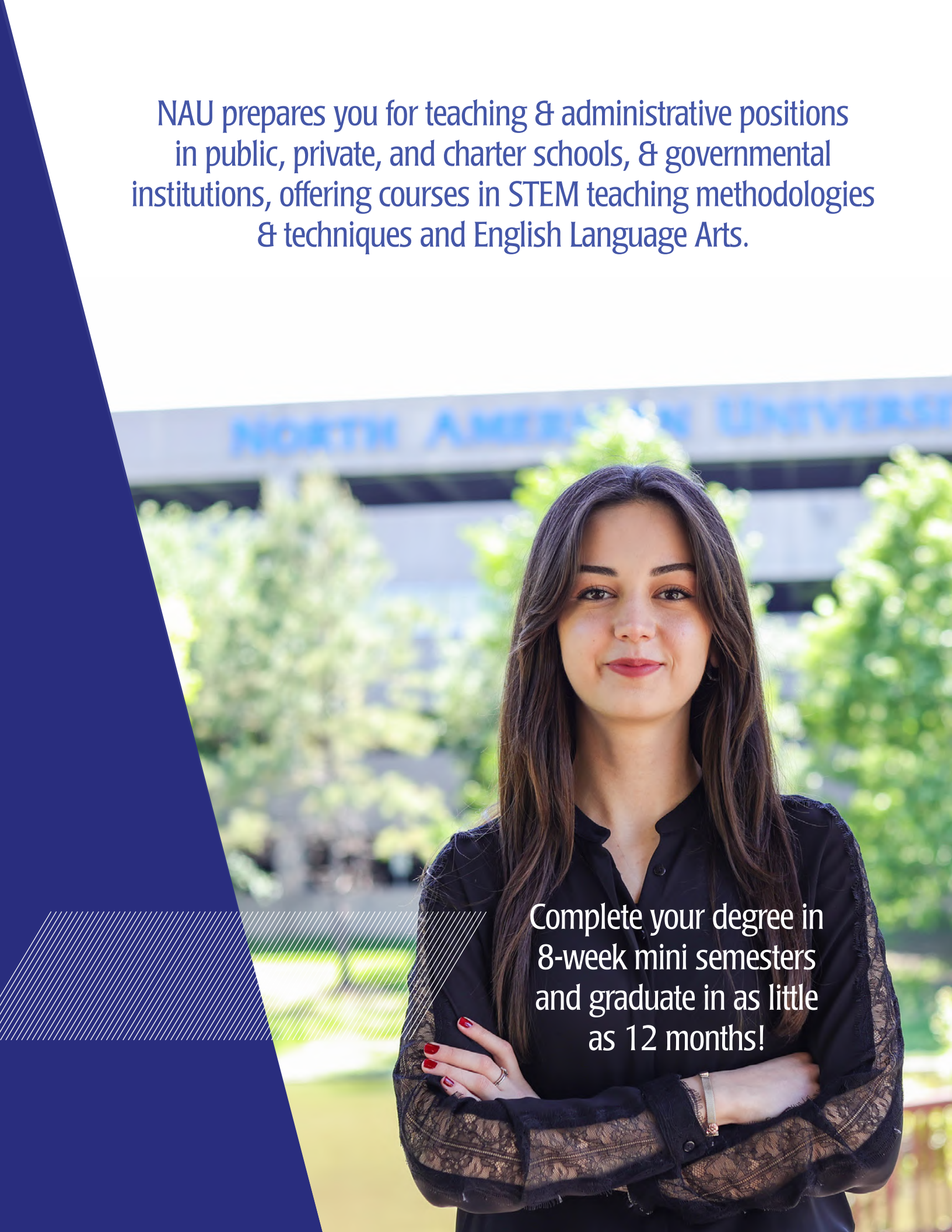
It equips students with advanced content knowledge and pedagogical skills to implement curricula using instructional technology and research-based strategies. It upholds the highest ethical and professional standards. Beyond STEM fields, the English concentration prepares teachers for leadership roles in English Language Arts and Literacy.

Student Learning Outcomes

The Master of Education (M.Ed.) in Curriculum and Instruction program equips students to:

1. Apply human development and learning theories to foster productive learning environments.
2. Implement curricula effectively, utilizing best practices, instructional technology, and current research to meet state standards.
3. Develop pedagogical understandings and subject matter knowledge in STEM fields and English
4. Demonstrate proficiency in subject area content courses.

NAU prepares you for teaching & administrative positions in public, private, and charter schools, & governmental institutions, offering courses in STEM teaching methodologies & techniques and English Language Arts.



Complete your degree in
8-week mini semesters
and graduate in as little
as 12 months!

Students pursuing an M.Ed. in Curriculum and Instruction must complete a total of 30 credit hours. This includes 24 credits from core courses that cover essential educational theory and practice, along with 6 credits focused on a specialized concentration of their choice. The program is designed to provide a well-rounded understanding of curriculum development, instructional technology, and research-based strategies, preparing graduates for leadership roles in education while meeting state standards.

CORE Courses(24 credits)

- EDUC 5311 Human Growth and Development
- EDUC 5312 Curriculum and Instructional Design
- EDUC 5313 Statistical Procedures and Measurement
- EDUC 5324 Integrating Technology into Education
- EDUC 5325 Research Methods in Education
- CUIN 5341 Seminar in Curriculum and Instruction 1
- CUIN 5342 Seminar in Curriculum and Instruction 2
- CUIN 5343 Seminar in Curriculum and Instruction 3

Educational Technology Concentration (6 credits)

- CUIN 5331 Web Design and Web 2.0 Applications
- CUIN 5332 Digital Graphics and Animation

English Language Arts Concentration (6 credits)

- ENGL 5314 Literary Theory and Criticism
- ENGL 5315 Literature for Young Adults

Mathematics Education Concentration (6 credits)

- MATH 5312 Geometry and Trigonometry for Teachers
- MATH 5313 Advanced Calculus

Science Education Concentration (6 credits)

- CUIN 5321 Methods in Science Teaching
- CUIN 5323 Teaching Science Lab



2024

Most Popular Education

Degree Programs Ranking in America

- Research.com

Master of Education in Education Leadership

Pursue your path to leadership with NAU's Master of Education (M.Ed.) in Educational Leadership. This 30-credit hour program is designed for students looking to develop the essential knowledge, skills, and strategies to become effective educational leaders. Tailored to meet the needs of aspiring leaders, the program equips graduates with the expertise to navigate complex educational environments and inspire positive change in schools and institutions.

Program Goals

The Master of Education in Educational Leadership program prepares future school leaders who are forward-looking visionaries, effective communicators, knowledgeable and informed instructional leaders, advocates of technology, and adept resource managers.

Student Learning Outcomes

The Master of Education (M.Ed.) in Educational Leadership program prepares students to become proficient school leaders who:

1. Establish and implement a shared vision of high expectations.
2. Create a positive school culture through effective communication and collaboration with a diverse school community.
3. Promote the success of all students through rigorous curriculum, effective instructional practices, and data-driven instructional interventions.
4. Manage human capital through the selection of highly trained teachers, facilitation of professional learning communities, and comprehensive evaluation program.
5. Oversee the integration of cutting-edge technology into all aspects of the school.

Your degree can open doors to leadership positions.

Students seeking an M.Ed. in Educational Leadership must have at least two years of teaching experience in a K-12 educational setting and complete 30 credits of coursework, including 6 credits and a 270-clock hour internship. The program requires completion of the following courses:

CORE Courses(24 credits)

EDUC 5314	Data-Driven Instruction
EDUC 5315	Instructional Coaching for School Leaders (personnel)
EDUC 5319	School Budgeting and Resource Management
EDUC 5320	Communication for School Leaders
EDUC 5324	Integrating Technology into Education
EDUC 5327	Ethical, Legal, and Professional Issues in Education
EDUC 5328	Action Research
EDUC 5329	Organizational Management
EDUC 5322	Practicum 1
EDUC 5323	Practicum 2

Master of Education in School Counseling

With 48 Credit Hours

NAU's M.Ed. in School Counseling program equips you with the skills and knowledge to become a dedicated school counselor for K-12 students. This 48-credit, non-thesis program includes a practicum, offering hands-on experience in school settings. Coursework covers individual and group counseling theories, research-driven decision-making, legal and ethical principles, and the development of comprehensive school counseling programs. Prepare to advocate for and support students through effective counseling strategies, making a positive impact in their lives.

Program Goals

M.Ed. in School Counseling is designed to prepare candidates with the knowledge, skills, and mindset necessary to design and implement a comprehensive and developmental school counseling program. The M.Ed. program prepares candidates to pursue the Counseling Certification Program at the Texas Education Agency.

Student Learning Outcomes

M.Ed. in School Counseling enables students to:

1. Appreciate the need for observing legal and ethical practices in counseling.
2. Recognize the relationship between human growth and development and options for counseling interventions
3. Use individual and group counseling techniques to facilitate treatment planning and implementation for diverse student populations.
4. Research career development options and create a personal career plan.
5. Understand the various roles of the school counselor, including standards and behaviors as defined in the Texas Education Agency's Comprehensive and Developmental Guidance and Counseling Program.

Students pursuing an M.Ed. in School Counseling must complete 48 credit hours of coursework. Teaching experience is not required for admission, though students should be aware that some states may require teaching experience in addition to the degree for employment as a school counselor. The program includes core education and specialized major courses, providing a comprehensive foundation in school counseling:

CORE Courses(15 credits)

EDUC 5311 Human Growth and Development
EDUC 5312 Curriculum and Instructional Design
EDUC 5313 Statistical Procedures and Measurement in Education
EDUC 5324 Integrating Technology into Education
EDUC 5325 Research Methods in Education

MAJOR Courses(33 credits)

COUN 5311 Foundation of School Counseling
COUN 5312 Individual Counseling Theories and Techniques
COUN 5313 Counseling Children and Adolescents
COUN 5314 Multicultural Counseling
COUN 5315 Developmental Guidance and Counseling
COUN 5316 Career Development and Counseling
COUN 5317 Practicum for School Counseling
COUN 5318 Group and Family Counseling Theories & Techniques
COUN 5319 Mental Health & Community Counseling
COUN 5320 Counseling for Special Population
COUN 5327 Ethics in Professional Counseling

Earn your degree
in as quickly as
18 months!



Master of Education in School Counseling

With 30 Credit Hours

NAU's M.Ed. in School Counseling program prepares you to become a compassionate and skilled counselor for K-12 students. This 30-credit, non-thesis program includes a practicum for hands-on experience in real-world settings. You'll learn counseling theories, research-based decision-making, legal and ethical practices, and how to design and implement comprehensive school counseling programs. Equip yourself with the tools to advocate for and support students, making a meaningful impact in their lives.

Program Goals

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Student Learning Outcomes

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4. Research career development options and create a personal career plan.
5. Understand the various roles of the school counselor, including standards and behaviors as defined in the Texas Education Agency's Comprehensive and Developmental Guidance and Counseling Program.

Students seeking an M.Ed. in School Counseling degree must complete 30 credit hours of coursework. The program requires completion of the following courses:

-
- COUN 5311 Foundation of School Counseling
 - COUN 5312 Individual Counseling Theories and Techniques
 - COUN 5313 Counseling Children and Adolescents
 - COUN 5314 Multicultural Counseling
 - COUN 5315 Developmental Guidance and Counseling
 - COUN 5316 Career Development and Counseling
 - COUN 5317 Practicum for School Counseling
 - COUN 5318 Group and Family Counseling Theories and Techniques
 - COUN 5319 Mental Health & Community Counseling
 - COUN 5320 Counseling for Special Population

Application & Enrollment steps

RESIDENT STUDENTS

1. Fill out an online application at [Apply.na.edu](https://apply.na.edu)
2. Upload required application documents to application portal
3. Submit official transcripts
4. A unique email will be sent with application fee payment link
5. Accept the decision offer
6. As the last step, you will receive an Enrollment Agreement to sign

Application Documents

- Government-issued ID - ID should not expire before the first day of classes
- A nonrefundable application fee - An email with a payment link will be sent
- Submit official transcripts of all academic work completed at the bachelor level or beyond. Foreign degrees must be evaluated by an accredited agency
- Letter of intent - Specify the program and concentration you are applying for
- Curriculum Vitae (CV)
- Two letters of recommendation - Signature and date required
- Complete a Distance Education proficiency test - Downloadable from the application portal
- Submit proof of English proficiency - IELTS, Duolingo, or TOEFL test score (For foreign degree holders)
- Financial Aid is available for resident students (those who qualify). Please contact financialaid@na.edu

INTERNATIONAL TRANSFER & CHANGE OF STATUS STUDENTS

1. Fill out an online application at [Apply.na.edu](https://apply.na.edu)
2. Upload required application documents to application portal
3. Order your official credential evaluation with any TEA-approved company or through NAU
4. A unique email will be sent with application fee payment link
5. Accept the decision offer, and proceed to upload the required I-20 related documents
6. Upon receiving your approval (consulate, USCIS, DSO), promptly inform the International Student Office (ISO)
7. After the visa/transfer approval, you will receive an Enrollment Agreement to sign (I-20 will be processed and emailed to you by ISO)

Application Documents

- Government-issued ID - ID should not expire before the first day of classes
- A nonrefundable application fee - An email with a payment link will be sent
- Submit official transcripts of all academic work completed at the bachelor level or beyond. Foreign degrees must be evaluated by an accredited agency
- Letter of intent - Specify the program and concentration you are applying for
- Curriculum Vitae (CV)
- Two letters of recommendation - Signature and date required
- Complete a Distance Education proficiency test - Downloadable from the application portal
- Submit proof of English proficiency - IELTS, Duolingo, or TOEFL test score. For additional ways to prove English proficiency. Please contact your admissions representative

I-20 Documents

- Financial Support Form
- Bank Statement
- Visa Stamp
- Previous I-20 (for international transfers only)
- Foreign Transfer Student Advisor Form (for international transfers only)
- I-94 (for Change of Status students only)
- USCIS Visa Approval notice (for Change of Status students only)

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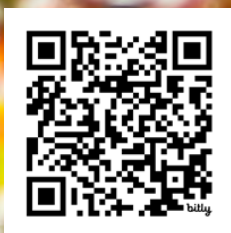
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Website: www.na.edu



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