
WPI & NUTM ADVANCING STEM LEADERS IN AFRICA



Master's in Business Analytics +
Professional Certification in Design Thinking
Leadership Principles



THE BUSINESS
SCHOOL



NUTM AND WPI PROVIDE NIGERIAN COMPANIES A DATA-DRIVEN EDGE

Data is woven through every aspect of a company's operations, and there's a growing demand for professionals who can interpret data to inform sound business decisions. Where will you find these people? Many of them are already in your organization.

NUTM and WPI—a world leader in project-based, purpose-driven global education, research, and outreach—have partnered to make it easier for companies to equip employees with valuable data analytics skills. The WPI Business School will offer a Master's in Business Analytics, while NUTM will offer a Certificate in Leadership.

Notably, the program—curated to upskill the Nigerian workforce—features online and hybrid synchronous modalities, allowing employees to balance work and education.

OPTIMIZE YOUR COMPANY'S PERFORMANCE



52% Productivity increase
"Becoming Irresistible: A New Model for Employee Engagement," Deloitte



15% Engagement increase
"The Impact of Professional Development," Better Buys



34% Retention rate increase
"The Impact of Professional Development," Better Buys

WPI: A GLOBAL LEADER IN STEM EDUCATION AND INNOVATION

Located in Worcester, Massachusetts, WPI is a U.S.-based, STEM-focused university with a premier business school situated in the education hub of Boston proximate to other prominent institutions, including MIT and Harvard. The university was founded in 1865 to create and convey the latest science and engineering knowledge in ways that are most beneficial to society. Today, WPI holds firm to its founding mission to provide an education that balances theory with practice.



Top 100 Best Graduate Schools in the U.S.
U.S. News & World Report



One of the 'Most Transformative Colleges'
Money Magazine (2020)



#4 National Universities Where Grads Are Paid Well
U.S. News & World Report (2021)

NUTM: HOME TO AFRICA'S NEXT GENERATION OF LEADERS

NUTM is positioned as a cutting-edge institution of higher learning dedicated to nurturing the next generation of African leaders with the right knowledge and skills to transform Africa and impact the world. The institution currently offers an intensive one-year postgraduate certificate program in Technology, Entrepreneurship, and Design. The fellowship program exposes students to world-class education delivered by global faculty consisting of academic and industry professionals. It combines relevant academic modules with experiential learning to prepare students to solve real-world challenges.

McNULTY FOUNDATION

2022 JOHN McNULTY AWARD WINNER



WPI BUSINESS SCHOOL & NUTM JOINT PROGRAM COMPONENTS

MASTER OF SCIENCE IN BUSINESS ANALYTICS (MSBA) FROM WPI

Prepare to make data-driven business decisions that solve real-world problems and drive impact.

Program Highlights

- Strategic Business Decisions: Develop analytical skills to make strategic business decisions
- Leadership Skills: Build valuable leadership and communication skills
- Real-World Projects + Tools: Work on real-world projects using today's tools including Microsoft Power BI, Qualtrics, and Tableau
- World-Class Faculty: Learn from world-class faculty who are scholarly and industry leaders

Program Details

- Specializations: Advanced Business Analytics Methods & Operations Analytics
- Curriculum: 11 courses (includes 2 capstone courses) / 33 credits
- Course Duration: 2 years / 4 semesters
- Mode of Learning: Live Synchronous
- Learning Hours: 3 hours of online synchronous faculty taught session each week + learning materials and project based work facilitated through Canvas

NUTM PROFESSIONAL CERTIFICATION IN DESIGN THINKING LEADERSHIP PRINCIPLES

The NUTM Professional Certification in Design Thinking Leadership Principles is designed to help new and aspiring leaders unleash the potential in themselves and others, and cultivate high-performing teams. Design thinking gives leaders a structured and systematic way to build a culture of innovation within their organizations. This certification will equip your employees with the skillset of creative problem solving, so that they can lead effectively and be a catalyst for creativity.

Program Details

- Course Duration: 2 years / 4 semesters
- Mode of Learning: Hybrid
- Learning Hours: 25 (4 weekends) + 8 hours online
- Curriculum: 7 modules + capstone project

WPI ALUMNI SPOTLIGHT

Michael Dolan is a former senior vice president for Exxon Mobil where he held a variety of engineering and business management positions. He has also served as director of the American Chemistry Council, the Society of Chemical Industry, and the Sam Houston Area Council of the Boy Scouts of America. Michael is a former trustee for WPI.



MICHAEL DOLAN
Former SVP, Exxon Mobil

Urvashi, MS in Information Technology, is the CTO at ResMed, which offers cloud-connected medical devices, and a WPI board member. She has held high-ranking technology positions with companies that include Amazon, American Express, and Microsoft. In 2021, she was awarded WPI's Robert H. Goddard Alumni Award for Outstanding Professional Achievement.



URVASHI TYAGI
CTO, ResMed

Nigerian alum Chuka Ebi is the founder and CEO of Kana which provides pricing and packaging solutions for internet companies. Prior to starting Kana, he was a product manager for Dixa and accuRx. Additionally, Chuka is a fellow for On Deck, a program that supports entrepreneurs, and an angel investor for startups in London, England.



CHUKA EBI
Founder & CEO, Kana

Steve Rusckowski, BS Mechanical Engineering, was CEO of Quest Diagnostics until 2022. He led Quest through COVID-19 pandemic during which time the company played a critical role in administering testing. Previously, he was the CEO of Philips Healthcare. Steve has also served on the boards of Xerox and Project Hope, a global health education and humanitarian assistance organization.



STEVE RUSCKOWSKI
Former CEO, Quest Diagnostics

CONNECT WITH US TODAY

Are you ready to offer these educational benefits to your employees?

wpi.edu/nutm | analytics@nutmng.org