EARN AN INTERDISCIPLINARY MASTER OF SCIENCE IN BUSINESS ANALYTICS (MSBA)

A HYBRID MASTER'S PROGRAM OFFERED BY THE UW TACOMA MILGARD SCHOOL OF BUSINESS

KEEP YOUR DAY JOB! PREPARING TALENTS FOR THE FOURTH INDUSTRIAL REVOLUTION - JOBS OF FUTURE WITH THE SKILLS YOU NEED. This work-compatible 12-month, 40-credit STEM (Science, Technology, Engineering, Mathematics) program provides you with the knowledge, tools and skills to understand, manage and make use of big data and smart digital solutions. Be part of the next-generation of analytics savvy business analysts, project & program managers, analytics managers, chief analytics officers, digital talents, T-shaped analytical thinkers and adaptive innovators who make effective and efficient business decisions that either solve existing business problems or cultivate new opportunities, and improve the performance of organizations.

- Start date: **June (Summer quarter)**

- Program duration: **12 months** = 4 quarters

- **40 credits** / Cohort-based, lock-step course sequence

- **Hybrid model:** 40% in-person Saturday classes plus 60% asynchronous eLearning. Quarterly on-campus sessions ensure networking opportunities while online classes give you the flexibility you need.

- **Class day/times:** Saturdays 9:00 AM - 12:20 PM and 1:30 - 4:50 PM on campus with synchronous office hours via video teleconferencing. Interact with your peers through online and face-to-face workshops and coaching sessions.

- Unique, Hands-on Business Analytics Applied Project through the **Center for Business Analytics Virtual Analytics Innovation Lab.** From day one, you will join a team to tackle a real-world business analytics project. Learn to apply concepts, principles and methods in an application domain associated with your area of interest (e.g. analytics specialization in marketing, HR, ERP/supply chain, logistics, operations, manufacturing, sales, advertising, finance, retail, education, healthcare, sports, e-commerce, IT, telecommunications, hospitality/tourism, public services, utility) and interact with industry advisors and mentors.

- **International students:** Under STEM classification, Milgard MSBA international students can qualify for a 24-month Optional Practical Training (OPT) Extension after graduation, extending the standard 12-month OPT to remain in the U.S. and receive training through work experience. *CIP Code = 11.0103 Information Technology.*

SUMMARY OF THE MSBA CURRICULUM

	SUMMER	AUTUMN	WINTER	SPRING
BUSINESS / DATA ANALYTICS / INFORMATION	**TBANLT 520** Analytics Strategy & Big Data Management (4 cr.)	**TBANLT 510** Business Analytics (4 cr.)	**TBANLT 550** Analytical Decision Making (4 cr.)	**TBANLT 570** Text Mining (4 cr.)
	TBANLT 530 Business Process & Workflow Analysis (4 cr.)	**TBANLT 540** Applied Regression Models (4 cr.)	**TBANLT 560** Data Mining (4 cr.)	**Electives: TBANLT 5XX** Emerging Analytics
KNOWLEDGE / WISDOM PRACTICE / OUTCOME	**TBANLT 591** Applied Project: Digital Transformation Lab I (2 cr.)	**TBANLT 592** Applied Project: Digital Transformation Lab II (2 cr.)	**TBANLT 593** Applied Project: Digital Transformation Lab III (2 cr.)	**TBANLT 594** Applied Project: Digital Transformation Lab IV (2 cr.)

See course descriptions online:
tacoma.uw.edu/msba/program-overview-curriculum

For more information, please contact
MSBA advisor Ellen Lambert Hermansen at **msba@uw.edu**

MILGARD
SCHOOL OF BUSINESS

The Milgard School of Business at the University of Washington Tacoma has earned accreditation by the Association to Advance Collegiate Schools of Business (AACSB).

AACSB ACCREDITED

tacoma.uw.edu/MSBA

UNIVERSITY *of* WASHINGTON | TACOMA

The Milgard School of Business MSBA degree integrates STEM (Science, Technology, Engineering, Mathematics) perspective into business education and analysis.
The MSBA is designed to build your competency in:

BUSINESS / What are the problems and/or opportunities? Create/amend business processes, create new businesses, close existing ones and enter new markets. Necessary skills for achieving organizational impact and competitive advantage with strategic thinking, service transformation and evidence-based decision making, e.g. communication, project management, process optimization, business ethics, privacy, organizational culture change.

DATA / What data and/or digital service could solve this problem? Core methods for acquiring, storing, handling and representing data, and how to convert that data to information, knowledge, and wisdom for desired outcomes, data modeling and databases.

ANALYZE / What models & methods can I apply to solve this problem? Descriptive, predictive, prescriptive, cognitive/machine learning, visualization/storytelling, core analytical, statistical and computational techniques, regression and related statistical methods, data and text mining and cognitive analytics, and operations research methods.

REVOLUTIONIZE / How to apply to our business? Key insights that can be gained only through hands-on experience working with and implementing analytical projects in a business environment.

" DIGITAL TECHNOLOGIES CHANGE RAPIDLY, BUT ORGANIZATIONS AND SKILLS AREN'T KEEPING PACE. AS A RESULT, MILLIONS OF PEOPLE ARE BEING LEFT BEHIND."

–Erik Brynjolfsson, MIT

ADMISSION REQUIREMENTS

- A baccalaureate degree from a regionally accredited college or university in the U.S. or its equivalent from a foreign institution with at least a 3.0 grade-point-average (on a 4 point scale) for the last 90 graded quarter credits or 60 graded semester credits.

- Proficiency in information technology/ systems, quantitative skills, probability, statistics and Excel is desirable. Related skills, knowledge and work experience will be assessed.

- International students must submit an official TOEFL score at or above the following minimum score in order to be exempt from Academic English Program (AEP) requirements:

  TOEFL Internet-based: 92
  The TOEFL institution code for UWTacoma is **4854**

HOW TO APPLY

- **Complete the online UW Graduate School Application** and choose "Business - Milgard School -MSBA (Business Analytics)"
  » **grad.uw.edu/apply**

- **Upload your:**
  -Unofficial Transcripts from each college/university attended
  -Résumé or CV
  -Personal Statement
  -Pre-requisite self-review
  -Video interview recording
  -References
  -Submit official TOEFL
  -Submit official GMAT or GRE
  Waiver is available for qualified candidates

MSBA APPLICATION DEADLINES

Early: November 15
International Students: January 15
Final: April 15

ESTIMATED TUITION + COURSE FEES + ORIENTATION BOOTCAMP 2020-21:

In-state $25,300
Out-of-state $30,900

* Subject to the UW Office of Budget & Planning and Board of Regents Review and Approvals

It is possible for students to qualify for some federal and state grants, loans, or the work study program, as well as scholarships. For financial aid information, visit:

» **tacoma.uw.edu/finaid**

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MILGARD
SCHOOL OF BUSINESS

Master of Science in Business Analytics

1900 Commerce Street
Tacoma, WA 98402
Phone: 253-692-5916
tacoma.uw.edu/msba
msba@uw.edu

FOR MORE INFORMATION ON HOW TO APPLY, CONTACT YOUR COLLEGE ADVISOR.