



THE MILGARD SCHOOL OF BUSINESS MSBA DEGREE INTEGRATES STEM (SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS) PERSPECTIVE INTO BUSINESS EDUCATION AND ANALYSIS.

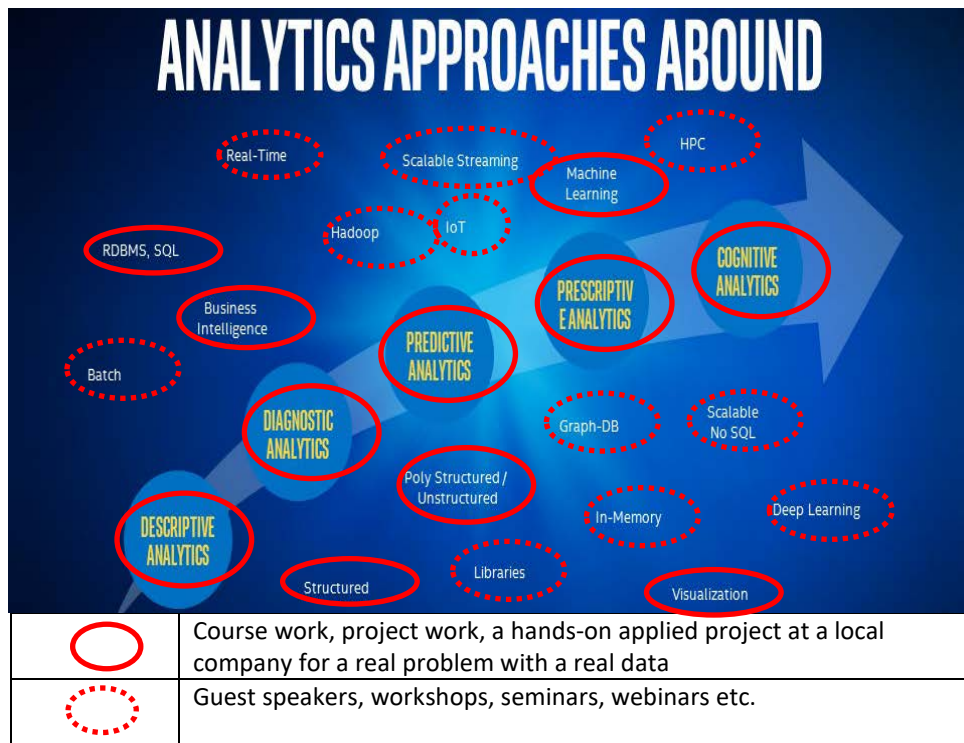
Want to fast track your career in business and smart analytics in 12 months?

This is one of the largest number of jobs with the best salaries.

Dear Friends and Colleagues,

We are very proud to say that we have designed one of the most innovative & affordable graduate degrees in business analytics at the University of Washington! Our 12-month, work-compatible Master of Science in Business Analytics (MSBA) (https://www.tacoma.uw.edu/milgard/msba) program at UW Tacoma’s Milgard School of Business prepares graduates to enter the workforce as the next generation of savvy business analysts, project managers, analytics managers, digital talents and adaptive innovators.

UW Tacoma’s hybrid, STEM-designated, multi-disciplinary MSBA program is perfect for students looking for flexibility in a graduate program. Through face-to-face classes on select Saturdays, and asynchronous online learning, students will gain experience in gathering, modeling, and analyzing data, as well as building smart, model & data-driven solutions that will help to solve real-world industry problems, or cultivate new opportunities, improving the performance of organizations. Over the course of the 12-month program, students will collaborate with local South Sound companies to engage in a hands-on Applied Project (https://www.tacoma.uw.edu/cba/applied-project) through the Center for Business Analytics Digital Transformation Lab. We have a GMAT/GRE waiver policy for qualified candidates.



We're using the latest technology to deliver a world-class experience.



In this engaging online program students will:

- Interact with your peers through web conferencing, discussion boards and social media tools
- Learn to lead and collaborate with teams in a virtual environment
- Receive regular contact from Milgard’s faculty
- Participate in online workshops and coaching sessions
- Weekly synchronous office hours via video teleconferencing
- Experience the best of both worlds—quarterly on-campus sessions ensure networking opportunities while online classes give you the flexibility you need
- Participate in online and face-to-face workshops and coaching sessions
- A total of 40 credits in graduate coursework
- Face-to-face Saturday classes + eLearning (40% in-person + 60% asynchronous eLearning)
- Class meetings at UW Tacoma on Saturdays (9:00am - 12:20pm and 1:30pm - 4:50pm) with synchronous office hours via video teleconferencing

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 540 Applied Regression Models (4 cr.)	TBANLT 570 Text Mining (4 cr.)
	TBANLT 530 Business Process & Workflow Analysis (4 cr.)	TBANLT 550 Analytical Decision Making (4 cr.)	TBANLT 560 Data Mining (4 cr.)	TBANLT 580 Social Media Analytics (4 cr.)
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.)

SAMPLE LIST OF SOFTWARE SOLUTIONS THAT WILL BE USED IN CLASSES (SUBJECT TO CHANGE)

Course Number	COURSE TITLE	SOFTWARE SOLUTIONS
TBANLT 510	Business Analytics	Tableau, Power BI, SQL language, MS SQL Database Server, MS Azure Cloud, SAS Visual Analytics, ER Diagramming (e.g. ErDPlus, ERWIN)
TBANLT 520	Analytics Strategy and Big Data Management	MS Project, Google Kerika Agile PM & Kanban Board, Word, Power Point, Excel, Access, Strategic Planning Toolkit
TBANLT 530	Business Process and Workflow Analysis	Business process simulation software solution (e.g. iGrafx Models)
TBANLT 540	Applied Regression Models	R, Regression modeling (e.g. SPSS, SAS, Stata)
TBANLT 550	Analytical Decision Making	MS Excel, Excel add-ins (e.g. OpenSolver, SensitivityToolkit, SolverTable), Decision Trees (e.g. Tree Age, R), Excel QM
TBANLT 560	Data Mining	R, python, Tanagra, MS Azure, Azure Machine Learning Studio, Statistica, RapidMiner
TBANLT 570	Text Mining	R, python, Tanagra, QDA Miner (Wordstat), MS Azure, Azure Machine Learning Studio, Rapid Miner
TBANLT 580	Social Media Analytics	Twitter, LinkedIn, Google Analytics, Hootsuite, IBM Watson Analytics
TBANLT 585	Cognitive Analytics (not be available for AY 18-19)	MS Azure Cortana Services, Power Apps, ML Services
TBANLT 591: Discover, Plan TBANLT 592: Plan, Analysis, Design TBANLT 593: Develop TBANLT 594: Deploy	Applied Project: Digital Transformation Lab I, II, III, IV	<ul style="list-style-type: none"> - Real problem & data from a local company. - Hands-on practice: descriptive, diagnostic, predictive, prescriptive and cognitive analytics. - Agile project management/Kanban Board through Visual Studio Team Services/Azure DevOps Boards - Primary software ecosystem: Azure Cloud Services (e.g. SQL database, Power BI, Cortana, Power Apps, ML Services). - In addition, Google Cloud, Amazon AWS Cloud and IBM Watson Cloud can be available for students to utilize for their applied projects.