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Business Intelligence Specialization Programs MSIM Specializations Business Intelligence The Business Intelligence (BI) specialization builds analytical, managerial and baseline technical skills to help you learn to manage the process of transforming data into business insights. The MSIM program provides pathways to ensure students from all technical backgrounds are able to succeed in this specialization. Students often pair this specialization with Data Science, User Experience, Program/Product Management & Consulting, or Information Architecture. This specialization has a managerial/strategic focus but also incorporates modern analytics and data warehousing toolsets to provide foundational exposure to key technologies. Availability: Online ; Residential, daytime and evening classes Skills you will develop Derive insights from data by building analytical, managerial and baseline technical skills. Design, implement and leverage business intelligence systems from a managerial and strategic lens. Develop relational database and SQL knowledge and be exposed to key concepts, such as dimensional data modeling; extracting, transforming and loading data (ETL); machine learning; online analytical processing (OLAP); data warehouse architecture. Develop data visualizations for strategic management. ?[Business Intelligence] also gives me the tools to analyze data and find insights that could be lost without a technical understanding of the information available.? ? Julieta Sanchez, ?17 Elective courses in the Business Intelligence specialization This specialization consists of three courses on business intelligence and data science that will help you hone your skills across key concepts, systems and technical tools through a managerial lens. Learn more about the core, elective and Capstone/practicum courses in the UW MSIM curriculum. IMT 572 Introduction to Data Science (4 credits) Provides a high-level introduction to common data science pipelines, such as experimental design, data collection and storage, basic analytics, machine learning, and data visualization, focusing on analyzing in real-world datasets using industry standard statistical packages. IMT 576 Foundations of Strategic and Managerial Business Intelligence (4 credits) Provides a broad overview of business intelligence (BI) including foundational BI concepts, strategies, techniques, and technologies. IMT 577 Business Intelligence Systems (4 credits) Introduces fundamentals of how to architect and develop business intelligence systems for decision making. Topics include dimensional data modeling; extracting, transforming,

and loading data (ETL); online analytical processing (OLAP); data warehouse architecture; developing data visualizations to answer key business questions. Career outcomes Students who specialize in business intelligence frequently find roles with titles including business analyst, business development consultant, market research analyst, program manager, software engineer, and solutions engineer. Resources: Advising & Support Capstone Projects Upcoming Info Sessions Videos: Alumni at Work Request more information News iBuyers are changing real estate racial disparities, iSchool research shows Tuesday, August 13, 2024 Instant buyers, also known as iBuyers, rapidly buy and sell homes using automated models to set prices. These companies, such as Opendoor and Offerpad, can turn around cash offers in a matter of hours, and they've captured more than 5%... Read more IMLS awards more than \$1 million to iSchool researchers Tuesday, August 13, 2024 The Institute of Museum and Library Services (IMLS) has awarded a total of more than \$1 million in grants to University of Washington Information School researchers to support four projects that build on scholarship in libraries and... Read more Events Aug 28 3:00-4:00PM Informatics Program Overview for Future UW Seattle First-Year and Current High School Students Zoom / Online Sep 4 3:00-4:00PM Informatics Program Overview for Transfer Students Zoom / Online Sep 11 10:00-11:00AM iCareer Services Program Orientation (All Programs) Sep 11 5:00-6:00PM iCareer Services Program Orientation (All Programs) Zoom / Online iSchools.org Jobs Contact Us Privacy Policy Terms & Conditions Logo & Brand Guidelines IT / Help Desk Twitter Facebook Instagram Youtube LinkedIn Make a Gift iSchools.org © 2024 UW Information School Box 352840 - Mary Gates Hall, Ste. 370 Seattle , WA 98195-2840 United States of America 206-685-9937 Close Close menu Toolkit Customize Your Experience Change audience type Search: All People Programs Informatics MLIS MSIM Museology Ph.D. Professional Development & Continuing Education Research Updates Research Areas Research Groups Grants & Awards Research Events News & Events News Events Podcast People Directory Alumni Advising & Support Faculty Affairs The School About Us Diversity Employers & Partners Capstone Support the iSchool toolkit iSchool Intranet MyUW Outlook on the web Office 365 Workday UW Time Schedule UW Academic Calendar iSchool Slack Knowledge Base Watermark Azure Dev Tools Online

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