



THE BUSINESS OF
DIFFERENCE MAKING

M S A I M

Master of Science in
Analytics and Information Management

MCAIM - Master's Certificate in Analytics and Information Management





**Transform data into
actionable insights.**

You will gain the analytical skills and business knowledge to impact data-driven decision making.

The Duquesne Difference

The Analytics and Information Management program at Duquesne University will prepare you to apply models, analytical methods, and visualization tools to data, producing insights that lead to better business decisions.



Accredited by AACSB International, the Association to Advance Collegiate Schools of Business. Less than 5% of the world's business programs have earned this prestigious accreditation.



Impact how an organization moves forward by analyzing and interpreting data.

At Duquesne, you will develop:

- Expertise in data analytics and information management with a focus on strategic business decision making
- Proven techniques such as storytelling to communicate and explain your findings
- Skills in data manipulation, data modeling, querying, machine learning, and visualizations
- Knowledge of state-of-the-art tools in the field of analytics
- The ability to make high-stakes and impactful recommendations to top management as part of your project-based curriculum

Flexibility for working professionals to choose the path that best meets your needs:

- One-year path with hybrid and online courses
- Two-year path with hybrid and online courses
- Two-year path with 100% online courses

STEM Designated Program

30-credit hour program with 10 cutting-edge courses that will set you apart in this fast-growing, competitive job market

Certificate Option

Earn your Master's Certificate in Analytics and Information Management (MCAIM)

Our master's certificate is designed for working professionals who have earned a graduate degree or have business experience and want to improve their knowledge of analytics and information management. The program is also ideal if you've earned a bachelor's degree and are interested in gaining or improving your analytics and information management knowledge and skills across all functional areas.



Jacqueline Pike, Ph.D.
*PwC Alumni Faculty Fellow in Information Systems Management;
Associate Professor of Information Systems Management*

Further your certificate towards a master's degree.

You can apply your Duquesne Certificate credit courses toward the MS in Analytics and Information Management. In the meantime, your 15-credit certificate will boost your career advancement potential. Complete the certificate in just one year with five cutting-edge courses.*

Our curriculum. Your success.

- Analytics and Information Management*
- Information Systems Ecosystem
- Data Querying*
- Data Sourcing and Quality
- Predictive Analytics with Machine Learning*
- Data Structures
- Behavioral Analytics with Visualization*
- Project, Process, & Persuasive Communication
- Prescriptive Analytics and Decision Modeling*
- Business Analytics Capstone

* Certificate Courses



Gain a powerful network.

Our resources and connections will set you apart.

Our alumni are eager to assist you with career advice and opportunities for employment. More than 93,000 Duquesne alumni can be found in all 50 states and nearly every nation. And, our Center for Career Development offers complimentary lifelong career management.



Pittsburgh: one of America's most livable cities.

Recently named the Best Big City in the Northeast on Money Magazine's annual "Best Places" list, Pittsburgh features amazing cultural and recreational destinations, and access to hundreds of great employers who will be eager for the innovative thinking you'll offer as a Duquesne graduate.

Duquesne's beautiful 50-acre parklike campus is adjacent to Pittsburgh's downtown business district. Home to six Fortune 500 corporations, the city is a growing hub for technology, health care, financial services and start-ups.

 [Learn more at duq.edu/pittsburgh.](https://duq.edu/pittsburgh)

Duquesne: a nationally ranked Catholic University.

Duquesne is nationally recognized for its outstanding academic and research programs and its commitment to community service and sustainability. The university has earned accolades from *U.S. News & World Report*, *Princeton Review*, *Bloomberg Businessweek* and *Washington Monthly Magazine*.

Admissions Criteria

The Master's and Certificate programs in Analytics and Information Management accept students in the fall and spring semesters. As an applicant, you have the opportunity to complete the program at a full- or part-time pace. We take a holistic approach in reviewing applications for admission. The following are required for admissions consideration:

- **Official transcripts** from all undergraduate and graduate institutions attended. A 3.0 or better GPA is preferred for admissions consideration.
- **Résumé** outlining your professional work experience, educational background and roles and responsibilities.
- **Two application essays:**
 1. Please provide a summary of your academic and professional background, current career endeavors, motivation for pursuing a graduate business education and future career goals.
 2. The Palumbo-Donahue School of Business is in 'The Business of Difference Making.' Explain what this means to you and how you would contribute to this goal as a student and eventually as an alumnus(a).
- **Two letters of recommendation** (professional or academic)
- **GMAT or GRE scores.** A 500 or better on the GMAT or a 305 or better on the GRE is preferred for admissions consideration. GMAT/GRE waivers are available for qualified applicants. **Many individuals request and are granted a GMAT/GRE waiver.**
- **TOEFL or IELTS** (for international applicants). A TOEFL score of 90iBT or an IELTS score of 7.0 or better is required for admissions consideration.

Do you qualify for a GMAT/GRE waiver?

You may be able to waive the GMAT or GRE if you:

- graduated from an AACSB-accredited business school or ABET accredited engineering program within the past 10 years and earned a 3.25 or greater cumulative GPA. Exceptions are made on a case-by case basis for those graduating with an undergraduate degree from a non-AACSB accredited program.
- have three or more years of continuous, full-time professional work experience. Factors considered in the waiver decision include the type and substance of work experience and the academic record as indicated on official transcripts.
- have previously earned a graduate degree. Factors considered in the waiver decision include the program of study and your academic record as indicated on official transcripts.

Be a difference maker from day one!

Are you ready to make a difference in business? We are ready to partner with you to achieve your goals. To learn more about our graduate Analytics and Information Management options:

Call 412.396.6276

E-mail grad-bus@duq.edu

Visit online

 duq.edu/msaim

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Palumbo-Donahue
School of Business