SAINT LOUIS UNIVERSITY
GRADUATE EDUCATION

SCHOOL FOR PROFESSIONAL STUDIES

Applied Analytics

Saint Louis University is a Catholic, Jesuit institution that values academic excellence, life-changing research, compassionate health care, and a strong commitment to faith and service.

Founded in 1818, the University fosters the intellectual and character development of nearly 14,000 students on two campuses in St. Louis, Missouri, and Madrid, Spain. Building on a legacy of nearly 200 years, Saint Louis University continues to move forward with an unwavering commitment to a higher purpose, a greater good.

OVERVIEW

Saint Louis University’s School for Professional Studies offers a Master of Science in applied analytics. With courses offered in an online format in an accelerated eight-week term, this 36-credit-hour program makes advanced education more accessible for working professionals.

Information technology (IT) has revolutionized society and created industries that are vital to the world’s economy, stability and to human life. As a result of this growth and development, organizations are now presented with new opportunities and avenues for using IT to achieve their strategic objectives.

The master's degree in applied analytics capitalizes upon these new opportunities and provides professionals with an education relevant to advancing their career. Applied analytics combines the interaction of technology with human and organizational structures to support knowledge discovery, management and dissemination. It prepares career-oriented, working professionals in the areas of:

- Organizational leadership
- Information retrieval
- Evidence-based decision making
- Information visualization and presentation
- Project management
- Organizational dynamics
- Programming and problem solving

Foundation courses:
- AA 5000: Foundations of Applied Analytics
- AA 5050: Programming and Problem Solving
- AA 5100: Information Retrieval

Technology and leadership development courses:
- AA 5150: Evidence-Based Decision Making
- AA 5200: Information Visualization and Presentation
- AA 5250: Project Management
- AA 5300: Advanced Analytics
- AA 5750: Contemporary Issues in Analytics
- ORLD 5000: Organizational Dynamics or ORLD 5010: Contemporary Organizational Leadership
- ORLD 5020: Applied Research Methods
- ORLD 5030: Applied Analytics

Capstone courses:
- AA 5900: Applied Analytics Project I
- AA 5950: Applied Analytics Project II

All courses listed are three credit hours.

Career Paths:
Saint Louis University's master's degree in applied analytics prepares you to pursue careers in today's dynamic multidisciplinary workplace. You will combine the use of technology with organizational leadership to support knowledge discovery and dissemination, assisting decision makers across a variety of academic disciplines and professional fields.

CONTACT INFORMATION

Applied Analytics

EMAIL: sps@slu.edu
PHONE: 800-734-6736
WEB: busyadults.slu.edu

APPLICATION DEADLINE

M.S.

FALL: July 1
SPRING: Nov. 1
SUMMER: April 1

Deadlines for assistantships are listed online.

DEGREES OFFERED

- Master of Science (M.S.) in Applied Analytics

COURSES AVAILABLE

DAYS ☐ NIGHTS ☐ WEEKENDS ☐ ONLINE ☑

APPLICATION REQUIREMENTS

- Transcript(s)
- Résumé
- Personal statement
- Three references must complete an assessment of the applicant

ADMISSION CRITERIA

- Three years of work experience
- Undergraduate GPA above 3.0*
- Coursework in the following areas:
  - At least one course in information systems, information technology or a programming language
  - At least one basic statistics or research methods course

*If a student possesses less than a 3.0 undergraduate GPA, the student may be admitted on probation.

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Higher purpose. Greater good.
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FACULTY

John P. Buerck, Ph.D.
Srikanth Mudigonda, Ph.D.
Keith Hacke, M.S.
Alan Paradise, M.S.
Shannon Parker, M.B.A.
Ann Rohrer, Ph.D.
Steve Winton, Ph.D.
Samuel Young, Ph.D.
Tim Toennies, M.S.

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FINANCIAL SUPPORT

For information on scholarships and financial aid, please visit the student financial services office online at finaid.slu.edu.

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