If you are a patient, critical thinker and have strong analytical and reasoning skills, a job as a database specialist might be right for you. Those who work in these roles are dependable and adaptable, and they have a willingness to learn new technologies to stay current and advance in their careers.

About This Program
Data analysis is the process of inspecting, cleaning, transforming and modeling data to make informed business decisions. Learn how to support the operational database needs of business, including configuration and management of database servers, user permissions and troubleshooting performance issues. Become proficient in data analysis, reporting and the development of data models.

What Makes This Program Unique
• IT associate degree program students take similar courses in the first semester; if you decide on a different IT program, you may switch with minimal credit loss.
• The IT Student Center provides a wealth of resources for students to practice their skills, complete group projects and work with mentors and tutors.
• Involvement in the BIT Connections Club allows members to share and expand upon IT skills through service learning projects, emerging technology exploration, aspects of global business technology and professional development opportunities.
• Students develop data-driven applications for stakeholders on campus as part of their capstone project for experience.

Career Salaries
$70,000 – $100,000+ annually
Salary range estimates based on wages for related occupations in Waukesha County as reported by Economic Modeling Specialists International (EMSI). Individual wages may vary based on experience, industry, location and specific job requirements.

Potential Careers
• Database Administrator
• Database Analyst
• Data Architect
• Database Designer

PROGRAM CODE 10-156-2

Credits

CORE COURSES:
107-102 IT Support 2
107-119 System Analysis Agile Methods 3
107-137 IT Internship 1
150-137 MS Server 2016 3
150-154 Shell Scripting 2
152-170 IS Project 4
150-190 Network Fundamentals 2
152-107 Introduction to Programming 2
152-115 Database Concepts and SQL 3
156-101 .Net Database Programming 3
156-102 Advanced SQL 3
156-103 Database Administration 3
156-104 Data Analysis and Reporting 3
156-105 Advanced Topics in Database 3
156-106 Data Warehouse Design 4
156-107 Data Modeling 2

GENERAL STUDIES:
801-136 English Composition 1 3
801-197 Technical Reporting 3
804-133 Math & Logic 3
804-189 Introductory Statistics 3
809-195 Economics or 809-143 Microeconomics 3
809-199 Psychology of Human Relations or 809-198 Intro to Psychology 3
890-108 Employment Success 1

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WCTC prohibits discrimination or harassment based on any status protected by applicable state or federal law.