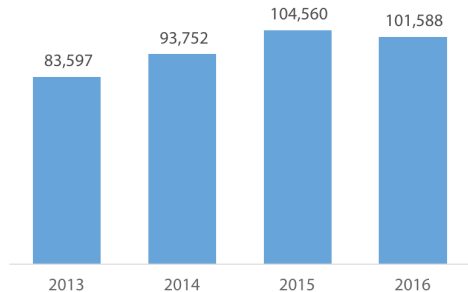






Business Information Management Career Pathway

Minnesota State Career and Technical Education programs give you the skills that employers are looking for in their employees. With just the first-year courses completed, you would have the skills relevant for an entry-level job or internship that starts you on the path to a well-paying and exciting career!

Business Information Management Jobs Posted Online in Minnesota



Top Occupations

- Computer System Analysts (18%) 
- Management Analysts (16%) 
- Computer User Support Specialists (15%) 
- Information Technology Project Managers (13%) 
- Network and Computer Systems Administrators (11%)

Sample First-Year Job Titles in this Pathway

- Business Analyst
- Project Coordinator
- Technical Writer

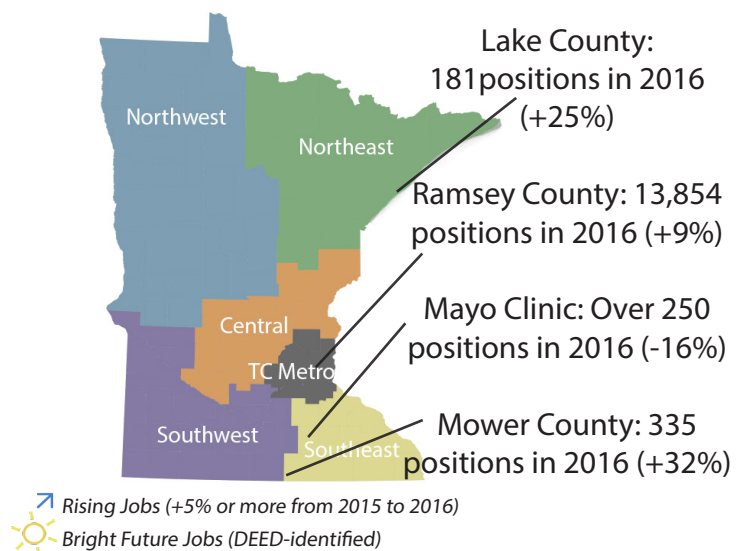
Sample Senior-Level Job Titles in this Pathway

- Senior Business Analyst
- Senior Project Manager
- Lead Network Engineer

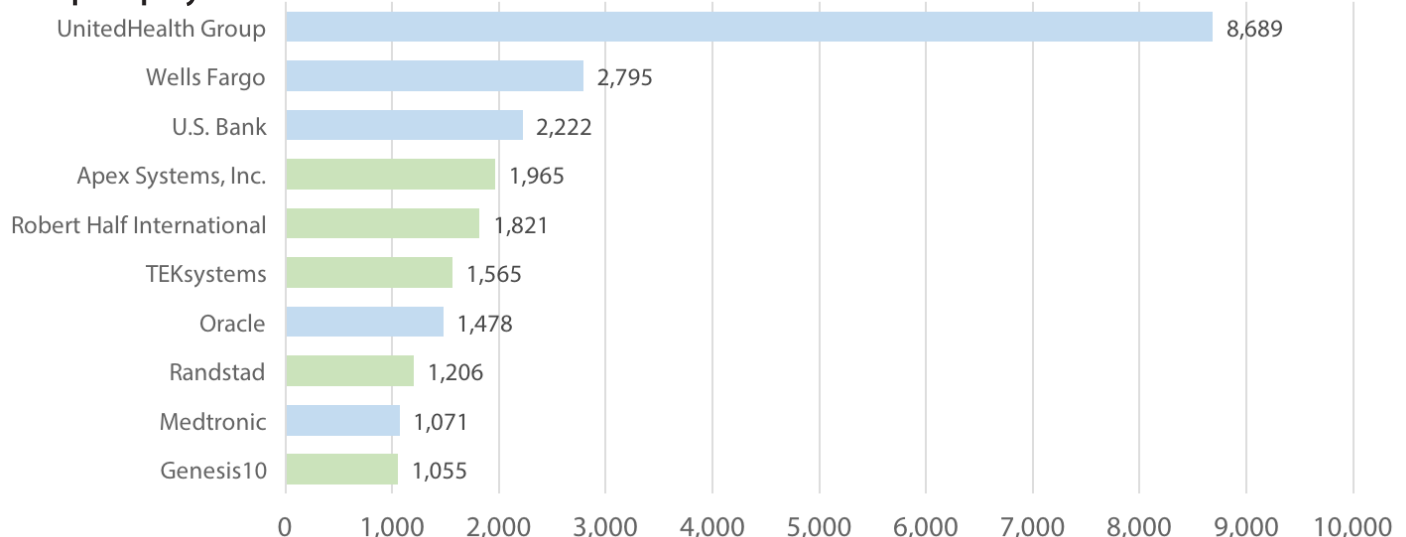
Hiring Statistics in Minnesota (1/1/17)

Growth in jobs 2015-2016:	-1% (steady)
Number of employers hiring now:	1,708 employers
Number of skilled people:	106,000 (mod.)
Overall outlook:	Bright
Average job posting period:	40 days
Median salary:	\$83,000 / year

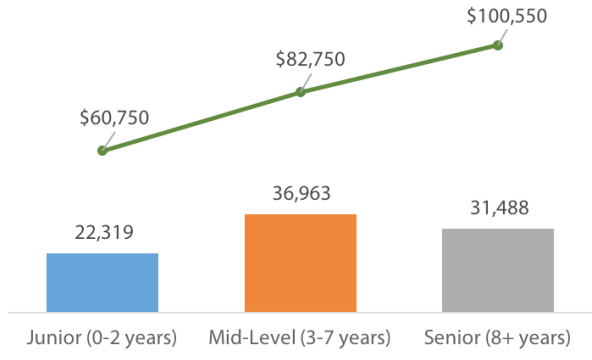
Where to start?



Top Employers who Recruited in 2016



Median Salary Advertised by Experience Level in 2016



Top 10 Certifications

1. Project Management Professional (PMP)
2. Certified Information Systems Security Professional
3. Driver's License
4. Cisco Certified Network Associate
5. Certified Information Systems Auditor
6. System Administrator
7. Microsoft Certified Systems Engineer
8. Certified Information Security Manager
9. Certified Scrum Master ↗
10. Cisco Certified Network Professional ↗

Top 10 Hard Skills

1. Technical Support
2. Systems Development Life Cycle
3. Quality Assurance
4. Information Security
5. Management Information Systems
6. Data Warehousing
7. Customer Relationship Management
8. Requirements Gathering
9. Business Systems ↗
10. Scrum Agile Methodology ↗

Top 10 Software Skills

1. Microsoft Office Package
2. Microsoft Office Visio
3. Linux
4. UNIX
5. Microsoft SharePoint
6. Microsoft SQL Server
7. Firewall
8. Microsoft Active Directory
9. Cnware
10. Local Area Network (LAN)

Top Employers Recruiting Interns

1. UnitedHealth Group
2. 3M Company
3. Medtronic
4. U.S. Bank
5. Hennepin County

Top 10 Soft Skills

1. Communication Skills ▲
2. Project Management
3. Problem Solving ▲
4. Troubleshooting
5. Detail-Oriented ↗
6. Integrity ▲
7. Analytical Skills ↗ ▲
8. Business Process Modeling
9. Work Independently
10. Creativity ▲

Top Programming Languages

1. Structured Query Language (SQL)
2. Java
3. Extensible Markup Language



↗ Rising Skills (+5% or more from 2015 to 2016)
▲ Matches to CTE Foundation Knowledge/Skill

Start your career in business information management with these occupations that require just a few college-level courses for your first internship. Upon completion of a 2-year degree, you'll be well on your way in any number of exciting career pathway directions! Talk to an academic navigator or visit the CTE website to explore! <http://www.mncareerpathways.org/pathways/>

Top Entry-Level Positions Advertised in Minnesota (0-2 Years Experience)

Occupation	Job Titles	Total Job Count 2016	Change from 2015
Computer User Support Specialists	Desktop Support Specialist, Technical Support Specialist	6,729	4%
Management Analysts	Administrative Analyst, Quality Control Analyst, Business Analyst, Data Analyst, Business Process Analyst	3,351	2%
Market Research Analysts and Marketing Analysts	Marketing Analyst, Pricing Analyst, Data Analyst, Marketing Specialist	2,904	26%
Computer Systems Analysts	Chief Technology Officer, Business Systems Analyst, Programmer Analyst	2,356	-10%
Network and Computer Systems Administrators	Network Administrator, Workplace Administrator, Network Engineer	2,099	1%

↗ Rising Jobs (+5% or more from 2015 to 2016)

☀ Bright Future Jobs (DEED-identified)

Data collected from online job postings between 2013 and 2016 from CEB TalentNeuron Recruit in December 2016 (www.wantedanalytics.com). Bright Outlook and Green Jobs identified by DEED's Employment Outlook based on BLS 2014-2024 projections. Report developed by RealTime Talent February 2017 with the support of AgCentric, the Southern Minnesota Center for Agriculture, GreenSeam, AgriGrowth, the Minnesota Department of Agriculture, Career and Technical Education Consortium Leaders, and faculty from Minnesota State Colleges and Universities across the state.

Business Information Management Career Pathway