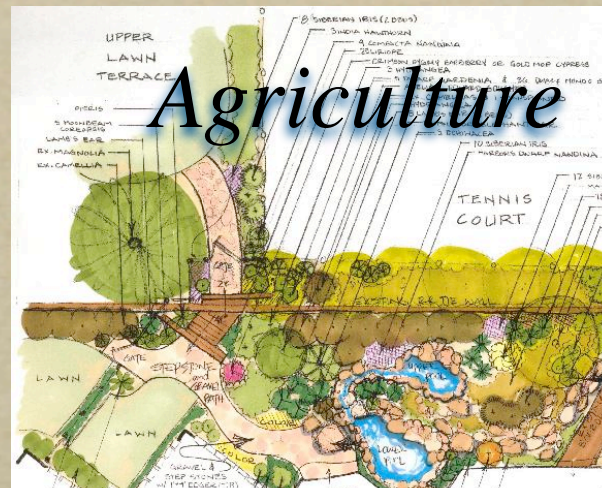# Computer Information Systems
Bentley University

Computer Information Systems

the science of computing

in

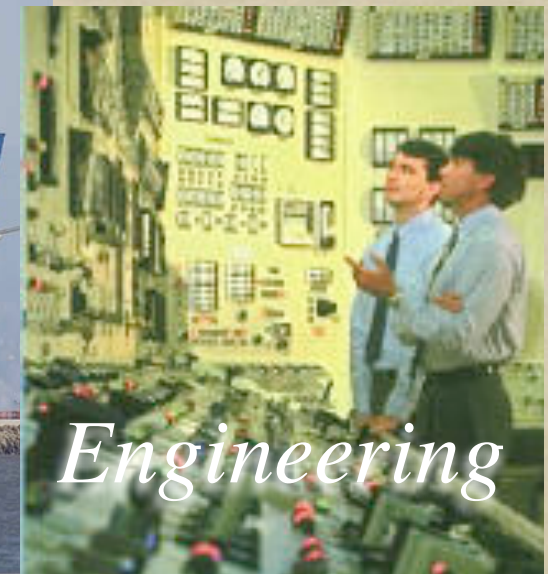*business and industry*

Agriculture

Health Care

Aviation

Engineering

Banking

Architecture

Manufacturing

Automotive

Every Industry relies upon Computer-Based Systems!

Careers With a Future

the U.S. Bureau of Labor Statistics forecasts:

- *computing jobs (e.g. systems analysts) will grow more than 20% through 2018!*

- *there will continue to be many more job openings than job seekers!*

Bachelor of Science in CIS {8 Courses}

- *5 required courses*

  Introduction to Information and Data Management

  Programming Fundamentals

  Business Processing and Communication
      Infrastructure

  Database Management Systems

  Business Systems Analysis and Modeling

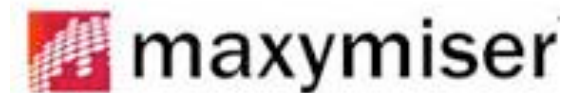# Bachelor of Science in CIS {8 Courses}

3 elective courses chosen from:

- Object Oriented Application Development

- Operating Systems Use, Technology and Administration

- Advanced Net-Centric Computing

- Advanced (mobile) Application Development

- IS Project Management and Practice

CIS Majors Get Jobs!

☑ *More jobs than graduates across the entire nation!*

☑ *87% of 2011 Bentley CIS grads were already employed by graduation – near 100% in six months*

☑ *Majority of the hiring companies also offered signing bonuses!*

☑ *The average starting salary for CIS graduates was $56,000, Median was $59,000, Maximum was $72,000*

☑ *May 2012 average salary looks to come in at $57,000 with placement rates in line or better than 2011*

World Class Employers

PwC

Microsoft

TRAVELERS

Fidelity INVESTMENTS

Deloitte Consulting

STAPLES

Constant Contact

ENDECA

BD

Liberty Mutual

The Hartford

EMC²

maxymiser

KPMG

epsilon

BOSE

MorganStanley SmithBarney

Ernst & Young

aspentech

GE

Boston Scientific

EzeCastle INTEGRATION

Vistaprint

John Hancock

FOX NEWS

GORTON'S TRUSTED SINCE 1849

ThermoFisher SCIENTIFIC

adidas GROUP

ANALOGIC

Computer Information Systems
Bentley University

What do CIS Alumni think?

Quotes from alumni

- *Having a background in CIS truly adds to your resume and helps you find a job. Not many people have this type of background, which puts you at a competitive advantage. Even if your job is not specific to IT, employers love hearing that you have IT and business knowledge.(Amanda D., CIS 2009)*

- *Many of the jobs that the Bentley program best prepares you for (project management, rotational/development programs, and other IT leadership roles) are positions that do not tend to be outsourced. (Brian H., CIS 2008)*

- *I work at a super cool place, I get to do creative things that are seen by millions of people, I live in the most interesting city in the world – I love my job. (Brian G. CIS 2009)*

- *In just over a year, I've really been able to get out and travel in the booming market that we sell in and make a name for myself personally, while also playing a big role in a small firm's successes. It's a very rewarding and exciting lifestyle that I might never be able to part with. (Derek B., CIS Minor 2010)*

Best Jobs in 2012

Careers offering security and satisfaction!

- *U.S. News* <u>and World Report</u>

  - *#2 Software Developer*

  - *#5 Database Administrator*

  - *#6 Web Developer*

  - *#7 Computer Systems Analyst*

  - *#9 Computer Programmer*

ABC News

#1 Software Engineer

#9 Computer Systems Analyst

#15 Web Developer

If you're not a CIS major –

you should be a

CIS minor !

CIS Minor

✓ *Enhance your employment potential*

✓ *Widen your field of career choices*

✓ *Boost your starting salary*

CIS Minor   {4 courses}

- *2 required courses:*

- **CS150 Introduction to Information and Data Management**

- **CS213 World Wide Web**

- *2 elective courses from:*

- **CS180 Programming Fundamentals**

- **CS240 Business Processing and Communication Infrastructure**

- **CS280 Object Oriented Application Development**

- **CS314 Web Technologies and Trends**

- **CS350 Database Management Systems**

- **CS360 Business Systems Analysis and Modeling**

- **CS460 IS Project Management and Practice**

- **CS402 Advanced Topics in Information Systems**

CIS.Bentley.edu

Visit our website –

Checkout the faculty teaching & research
Send questions if you have any
Talk to a Bentley CIS student

Take control of your future!