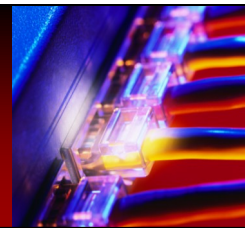


what can I do with a degree in... informatics



Information technology is a growing and changing field, and the study of informatics provides students with the skills to solve problems and be adaptable. While some of the future job titles for IT jobs don't even exist yet.

OCCUPATIONAL TITLES

- Biology/Chemistry Informaticist
- Database Developer/Manager
- Digital Artist
- Digital Library Specialist
- E-commerce Specialist
- Human-Computer Interface Designer
- Information Architect
- IT Consultant
- Multimedia Specialist
- Network Manager
- Software Developer
- Stage and Lighting Designer
- System Administrator
- Technical Writer
- Webmaster

EMPLOYMENT SETTINGS

Technology is shaped and influenced by its environment:

- Business
- Science
- Arts
- Medicine
- Nursing
- Pharmacy
- Geography
- Chemical Lab Firms
- Museums
- Schools / Universities

RESOURCES AND INTERNET SITES

- AMIA - American Medical Informatics Association: www.amia.org/
- Healthcare Informatics: www.healthcare-informatics.com/
- IMIA Medical Informatics Association: www.imia.org/
- Mouse Genome Informatics: www.informatics.jax.org/
- American Nursing Informatics Association: www.ania.org/
- Health Informatics World Wide: www.hiww.org/
- Healthcare Information and Management Systems Society: <http://www.himss.org>
- Pharmacy Informatics: www.pharmacyinformatics.com/

- Archives & Museum Informatics: <http://www.archimuse.com/>
- Informatics Worldwide: <http://www.informaticsgroup.com/>
- Southwest Biotechnology and Informatics Center: www.swbic.org/
- Informatics International, Inc.: www.informatics.org/
- Biomax Informatics AG: www.biomax.com/
- Microarray Informatics Team: www.ebi.ac.uk/microarray/
- ICOM Informatics: www.icominfo.com/
- Perceptive Informatics: www.perceptive.com/

SPECIALTY AREAS

- Time dependant databases
- Database Systems
- Object Oriented Systems
- Parallel and Distributed Computing
- Analysis of Algorithms
- Data Structures
- Natural Language Processing
- Artificial Intelligence
- Program efficiency
- Computer Science Pedagogy
- Cognitive Science
- Software Engineering
- Information Systems
- Information Assurance
- Security Issues

SKILLS & ABILITIES

- Problem solving
- Logical thinking
- Critical reasoning
- Analytical skills
- Accuracy
- Attention to detail
- Troubleshooting
- Training/teaching skills
- Precision
- Decision making skills
- Ability to work well under pressure
- Communication skills, written and oral
- Organizational skills
- Leadership
- Technical proficiency
- Knowledge of computer concepts and limitations