INFORMATION TECHNOLOGY

> "As technology advancements change our lives, there are more well-qualified IT professionals needed to create and maintain information systems."
>
> – Dr. Behrooz Etesamipour
>   Assistant Professor of Information Technology

Want to graduate with the skills you need to land a job in the Information Technology (IT) field? Look no further than our INTE program. You'll learn everything you need to jump into this fast-growing, high-demand discipline.

DEGREES

BACHELOR OF SCIENCE (B.S.) INFORMATION TECHNOLOGY

If data, computers and problem-solving excite you, then a career in IT might be right for you. Through Millersville's Information Technology program – or INTE for short – you'll become equipped to solve complex technical issues and learn about communication technologies and the selection, creation, application, integration and administration of computing devices to meet organizational needs, individual user demands and society at large. Sound like something you'd love? Keep reading.

DEGREE OPTIONS

Students may pursue a general degree in Information Technology or specialize with an option in **Healthcare Analytics (with additional options currently in development)**. This is designed to prepare traditional and transfer students as well as adult learners for careers in Information Technology that includes the healthcare sector as well as a broad range of other fields.

The Bachelor of Science degree in Information Technology provides students with an in-depth understanding of Information Technology and prepares students to apply their knowledge to support a variety of business processes. It is not only the tech industry that has a need for Information Technology professionals; thus, offering an interdisciplinary option of study in Information Technology will help students significantly in a meaningful and satisfying career after graduation. The mix of interdisciplinary course requirements with Information Technology, Computer Science, and other elective courses produces graduates with strong problem-solving and communication skills.

Healthcare Analytics

Information Technology assists with meeting individual and organizational needs through the selection, application, integration and administration of computing and communication technologies. This degree option will prepare students to identify suitable technology, develop strategies and apply fundamental computing knowledge to effectively manage the operations of an organization, with a specific focus on Healthcare Analytics.

MINOR IN INFORMATION TECHNOLOGY

A minor in INTE (Information Technology) will give students the unique opportunity to study and understand IT concepts and add sufficient experiences with fundamental Information Technology topics to their post-academic careers. Students will gain knowledge at an intermediate level in this field with practical hands-on skills crucial to support organizational Information Technology infrastructure and users.

Information Technology is a broad field that associates with all computing tasks and processes relating to computer systems and technology in any organization or business. As technology advancements change our lives, more well-qualified IT professionals are needed to create and maintain information systems. A minor in INTE is an excellent extension to a wide variety of majors at Millersville University, enabling students to increase their abilities and enhance their career options. A minor in Information Technology develops a broad and consistent knowledge of the underlying principles and concepts of Information Technology.

Q&A

Why is a bachelor's degree in IT so important right now?
The bachelor's degree program in INTE develops a broad and consistent knowledge of the underlying principles and concepts of Information Technology. It will help organizations and companies to recognize well-qualified candidates to hire. An INTE degree proves that candidates have sufficient knowledge, skills, and are capable of handling the job. Students will go through special training in this program to be able to compete in the competitive job market.

How is the field of IT recession-proof?
The opportunities for employment in the technological industry are massive, and our high-technology world needs knowledgeable and trained people to handle critical IT roles. The IT field is one of the most demanding areas in all of the business and government sectors and is an ever-increasing and important field in today's world. The trend to have everything faster, easier and automated has spurred the technological world to new heights. Therefore, there is always a high demand in the IT field among corporate and government entities, regardless of any economic stage and fluctuation.

Are there more jobs in the field now?
IT is a broad field that associates with all computing tasks and processes relating to computer systems and technology in any organization or business. As technology advancements change our lives, more well-qualified IT professionals are needed to create and maintain information systems. In all aspects of society such as the healthcare system, transportation, education, businesses, and government, Information Technology plays an important role. In every place where technology is involved, IT professionals are needed to create and support the system to keep businesses running.

Why should I study INTE?
Bottom line? We live in a digital world. The IT field is in high-demand as businesses increasingly rely on Information Technology products and services for their day-to-day operations, and the demand is only growing. No matter how much the economy might fluctuate, there will nearly always be a demand for IT jobs. With this degree program, you'll develop a broad and consistent knowledge of the underlying principles and concepts of IT. So, if you're looking for a degree that gives you industry-ready skills, this is the program for you.

What will I learn in the INTE program?
In this new era of human empowerment and communications, all businesses, including non-tech businesses, need Information Technology. Practicing with technology infrastructure in a business workplace without a degree in Information Technology seems a little overwhelming. The INTE program prepares students to enter the workplace as well-prepared Information Technology professionals to grow into leadership positions or pursue graduate degrees. The new Bachelor of Science degree in Information Technology is designed to prepare traditional and transfer students as well as adult learners for careers in Information Technology within the healthcare sector as well as a broad range of other fields.

> *"It is a digital world, and Information Technology is an extremely in-demand field, as businesses increasingly rely on information technology products and services for everyday business operations."*
>
> – Dr. Nazli Hardy, Associate Professor of Computer Science

CAREERS

Here are just some the jobs you could qualify for with a degree in INTE:

- Healthcare Business Analyst
- Health Data Analyst
- Computer Support Specialist
- Computer Network Specialist
- Database Administrator
- Information Technology Analyst
- Information Technology Leadership
- Information Security Specialist
- Network Administrator
- System Engineer
- System Administrator
- Web Developer

BENEFITS OF AN IT CAREER

Impressive Starting Salaries
Searching for a lucrative career? Look no further! IT is a great industry for those hoping to step right into a role that pays great. According to Payscale.com, some entry roles for IT professionals in Pennsylvania start at $60,000 per year.

Join a Growing Industry
The industry around technology is always growing, and it's not showing signs of slowing down anytime soon. With more and more jobs pivoting to working from home, businesses are going to need even more support to make sure their tech is running smoothly and securely.

Never Stop Learning
If there's one thing that's for certain, it's that you'll always have something new to learn with a career in Information Technology. If you love to stay up with all the latest tech trends, you'll love working as an IT professional.

LOMBARDO COLLEGE OF BUSINESS
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