The Bachelor of Science in Information Technology degree is designed to prepare individuals to develop, manage and maintain computer and network systems in organizations. Areas of study include: organizational issues and information systems, application technologies, software methods and technologies, systems infrastructure, and computer hardware and architecture.

The degree is specifically designed to accommodate students with associate degrees in information technology. There is also a four year curriculum for students wishing to complete the entire degree at the University of Southern Maine.

Requirements

*Bachelor of Science in Information Technology*  
(*for traditional students*)

- The minimum number of credits required for the degree: 121
- *University Requirements*  
  Writing Readiness  
  Math Readiness
- *University Core*  
  College Writing  
  EYE 112 Built Environment  
  Quantitative Reasoning - MAT 120  
  Creative Expression  
  Socio-cultural - Economics (ECO)  
  Science Exploration - Physics or Chemistry with Lab  
  Cultural Interpretation  
  Ethical Inquiry  
  Diversity  
  International  
  Thematic cluster - Professional Practices Recommended  
  Cluster Course 1  
  Cluster Course 2  
  Cluster Course 3  
  Capstone ITT 460

*Departmental Requirements*  
ITP 210 Technical Writing  
ITP 230 Project Management  
ITP 250 Mgmt. Info. Systems  
ITP 350 Teambuilding & Facilitation  
MAT 108 College Algebra  
MAT 145 Discrete Math

- *General Electives - 6 credits*  
  (Academic, Professional or Technical)
- **Technical**
  - ITT 181  Computer Applications & Concepts
  - ITT 241  Info. & Comm. Technologies
  - ITT 272  Intro. Computer Networking
  - ITT 281  Internet Web Site Development
  - ITT 311  Telecommunications
  - ITT 373  Intermediate Computer Networking
  - ITT 376  Network Security and Ethics
  - ITT 382  Advanced Web Site Development
  - ITT 425  Process Control Engineering
  - COS 160/170  Structured Programming: Java
  - COS 161  Algorithms in Programming
  - COS 470  Topics in CS
  - ITT 385  Integrative Programming
  - ITT 440  IT Internship
  - ITT 486  User Experience
  - ITT 487  Operations Senior Seminar
  - IT Elective
  - IT Elective
  - IT Elective

*Application Electives - Context area*
  - Application Elective
  - Application Elective
  - Application Elective
Bachelor of Science in Information Technology
(for transfer students)

• The minimum number of credits required for the degree: 120
• University Requirements
  Writing Readiness
  Math Readiness
• University Core
  College Writing
  Quantitative Reasoning - MAT 120
  Creative Expression
  Socio-cultural - Economics (ECO)
  Science Exploration - Physics or Chemistry with Lab
  Cultural Interpretation
  Ethical Inquiry
  Diversity
  International
  Thematic cluster - Professional Practices Recommended
  Cluster Course 1
  Cluster Course 2
  Cluster Course 3
  Capstone ITT 460

Departmental Requirements
  ITP 210 Technical Writing
  ITP 230 Project Management
  ITP 250 Mgmt. Info. Systems
  ITP 350 Teambuilding & Facilitation
  MAT 108 College Algebra
    Finite Math
• General Electives
  (Academic, Professional or Technical)
• Application Electives - Context area
  Application Elective
  Application Elective
  Application Elective

• Technical Courses
  Technical courses within the major differ depending on the community college curriculum, but are fulfilled by courses taken as part of an associate degree in information technology plus selected courses at the University of Southern Maine. Competency standards identified by the Association for Computing Machinery and articulation agreements between the schools are used to determine course equivalencies.