

Bachelor of Science in Information Technology



Our Mission... Your Future!

Major in
Enginnering Technology

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PROGRAM DESCRIPTION

This academic program makes a balance between the communicational and technological skills required to train competitive professionals at a global level, either for working within large corporations or developing individual projects in the new technology area. The courses allow comprehension of current and emergent technologies, as well as the development of team projects that reproduce the business environment. The graduates are prepared to guide, supervise, manage and direct processes and technical operations and the personnel involved within a competitive global environment. The bachelor in Information Technologies, mention Engineering emphasizes the study of the manufacture systems and processes, and the methodologies for production control.

GRADUATE PROFILE

The graduate from the Bachelor in Information Technologies major in Engineering Technology at the Florida Global University (FGU) is qualified to implement new and better ways to use computer technology and telecommunications in particular areas of development for the solution of social and business needs and problems, from a strategic perspective, and to manage the technological infrastructure through the design, construction and integration of technological systems to ensure the well-being of the company, society and the environment.

UNDERGRADUTE ENTRY REQUIREMENT

• High-school graduates (High-school):

Applicants who have completed High-school or secondary education in or outside the USA.

• Undergraduates:

Applicants who completed a bachelor degree issue by national or foreign higher-education institute who want to get academic credit for previous studies.

ADMISSION REQUIREMENTS

- High school diploma issued by a national or foreign educational institution.
- Bachelor or Associate Degree from a national or a foreign higher-education institution for those who want to get credit transfer for recognition of previous studies from other universities.
- Official transcripts (for graduate applicants and for those who require academic credit transfer for previous studies from other national or foreign higher-education institution).
- Valid identification (citizen ID or passport for foreign citizens).
- Admission and registration fees receipt.

IMPORTANT NOTES

- Official transcripts and degrees issued by foreign university education institutions must have the corresponding legal translation (this requirement has to be processed by the applicant).
- Official transcripts and degrees issued by foreign university education institutions must have the certification issued by a credential evaluation agency accredited in the United States for recognition of international education qualifications (this process is managed by FGU).

CIP CODE: 110103



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Florida Global University



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COURSE PLAN

Bachelor of Science in Information Technology Major in Engineering Technology

General Education Courses

(12 Cursos/36 HC)

CÓD.	LISTA DE CURSOS	HORAS DE CRÉDITO
ARH250	Art History *	3
BSC105	Biology*	3
ENC101	College Composition I*	3
ENC202	College Composition II*	3
ENV101	Environmental Science*	3
MAC105	College Algebra I *	3
MAC114	College Algebra II *	3
PHI210	Critical Thinking *	3
PSY201	Psychology *	3
SOC201	Sociology *	3
SPC260	Oral Communication *	3
STA275	Statistics*	3
Sub-Total		36

Core Courses

(8 Cursos/24 HC)

CÓD.	LISTA DE CURSOS	HORAS DE CRÉDITO
BUA350	Supporting the Corporate Goals and Vision: An Enterprise Overview	3
BUA351	Strategic Organizational Planning and Budgeting Project	3
BUS221	Business Management	3
CGS300	Strategic Program Techniques	3
COM312	Communications Skills	3
COM313	Leading Team Skills Project	3
COP100	Modern Computing Methods	3
COP221	Computer Programming	3
COP231	Cloud Computing and Application	3
COP241	Information Retrieval	3
ECO200	Economics and Business Organization	3
ECT448	e-Commerce "back office" Trends and Technologies	3
ECT449	e-Commerce Systems & Strategies Project	3
EEL301	Digital Electronics	3
EEL312	Networks and the Internet	3
ITS301	IT Trends and Technologies	3
ITS302	IT Trends and Technologies Project	3
ITS311	Quality Assurance Methodology	3
ITS312	Applied Quality Assurance Project	3
ITS488	Web Development	3
MAN340	Organizational Behavior	3
MAN341	Applied Organizational Behavior Project	3
MAR380	Internal Technical Marketing	3
MAR481	Information Technology Capstone	3
Sub-Total		72

Three Major Tracks

(4 Cursos/12 HC)

CÓD.	LISTA DE CURSOS	HORAS DE CRÉDITO
BUA353	Business Architecture and Process Modeling	3
ITE341	Manufacturing Systems and Processes	3
ITE364	Production Control Methodologies	3
ITS411	Advanced Quality Assurance Methodology	3
Sub-Total		12



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