

# Degree SYSTEMS — MANAGEMENT AND COMPUTING MANAGEMENT



**Atlântica  
University  
Institution**

The Degree in Systems Management and Computing from Atlântica, a course that aims to train professionals capable of managing information technology and effectively integrate the knowledge inherent in the area of information sciences and technologies with the knowledge of the area of business sciences.

It is intended that students are able to actively participate in the planning of Information Systems, as well as analyze, conceptualize, develop, implement, maintain and use the most appropriate Information and Communication Systems to fulfill the objectives of their organizations.

## **Career Prospects:**

1. Information System Manager
2. Development Project Manager/ Information System Maintenance
3. Manager and/or Computer Network Technician I Telecommunications
4. Analyst, Information System Programmer (java/PHP/MySQL)
5. Information System Integration technician (EAI)
6. Security and Quality Auditor of Information Systems
7. Consultant Application Support (ERP, CRM, SCM)
8. Database Administrator
9. Teacher and/or Trainer in the Information System Area

## 1st Year

1st Semester CURRICULAR UNIT	WORKING HOURS		ECTS
	Total	Contact	
Structured Programming	168	TP:30; PL:15	6
Computer Architecture	168	TP:30; PL:15	6
Management Fundamentals	168	TP:45; OT:15	6
Mathematics	168	TP:60	6
Research Methods and Technics	168	TP:30;OT:15	6
2nd Semester CURRICULAR UNIT		WORKING HOURS	
Total	Contact	ECTS	
Object Oriented Programming	168	TP:30; PL:15	6
Operation Systems	168	TP:30; PL:15	6
Database	168	TP:30; PL:15	6
Mathematics II	168	TP:60	6
Technology and Information Systems	168	T:45; OT:15	6

## 2nd Year

1st Semester CURRICULAR UNIT	WORKING HOURS		ECTS
	Total	Contact	
Programming Languages	168	TP:30; PL:15	6
Applied Statistics	168	TP:30; OT:15	6
Computer Network	168	TP:30; PL:15	6
Industrial and Economics Management	168	TP:30; OT:15	6
Software Engineering	168	TP:30; PL:15	6
2nd Semester CURRICULAR UNIT		WORKING HOURS	
Total	Contact	ECTS	
Distribution and Integration of Systems	168	TP:30; PL:15	6
Strategic Management	168	TP:30; OT:15	6
Innovation and Management Strategic	168	TP:30; OT:15	6
Database II	168	TP:30; PL:15	6
Management and Logistics Management	168	TP:45; OT:15	6
Digital Marketing	168	TP:30; OT:15	6
Human Computer Interaction	168	TP:30; OT:15	6

## 3rd Year

1st Semester CURRICULAR UNIT	WORKING HOURS		ECTS
	Total	Contact	
Security and Auditing	168	TP:30; OT:15	6
Artificial Intelligence	168	TP:30; PL:15	6
Data Mining Techniques	168	TP:45; OT:15	6
Computer Network II	168	TP:45; OT:15	6
Geographical Information System	168	TP:30; PL:15	6
Quality Management	168	TP:30; OT:15	6
Research Project	168	TP:30; OT:15	6
2nd Semester CURRICULAR UNIT		WORKING HOURS	
Total	Contact	ECTS	
Software Project	168	TP:35; PL:40; OT:15	6
Web Systems Programming	168	TP:30; PL:15	6
Entrepreneurship	168	TP:30; OT:15	6
Information and Knowledge Management	168	TTP:30; OT:15	6
People Management	168	TP:30; OT:15	6
International Context of Management	168	TP:30; PL:15	6