

Presentation of the professional Master's degree program

MANAGEMENT INFORMATION SYSTEMS for FINANCE & ACCOUNTING

The professional Master's degree program *Management Information Systems for Finance & Accounting* (MSIFC) is part of the Faculty of Finance and Accounting, the accounting domain, as a distinct full-time program, taught in Romanian, with the duration of 2 years / 4 semesters.

This program is a major element of the bachelor-master-PhD cycle and it is compatible with Master's degree studies (in terms of mission, objectives and curricula) organized in other Romanian and European universities that prepare experts in this field or related domains, in compliance with the commitments undertaken under the Bologna Declaration.

The professional Master's degree program *Management Information Systems for Finance & Accounting* (MSIFC) deals with study topics related to the first-degree major *Accounting and Management Information Systems*. It is a higher qualification extension of this bachelor's degree program.

The professional Master's degree program *Management Information Systems for Finance & Accounting* (MSIFC) is aimed at:

- Graduates of the bachelor's degree programs in accounting;
- Graduates of the bachelor's degree programs in economics;
- Graduates of bachelor's degrees in other fields, who wish to get specialized training in accounting;
- Professionals from companies, graduates of bachelor's degree programs who are already employed and have practical work experience.

The main goal of the professional Master's degree program *Management Information Systems for Finance & Accounting* (MSIFC) is to train experts in accounting, with knowledge, qualities and skills to improve their professional performance in accounting, audit, financial analysis and IT. After graduating this Master's degree program, the graduates should be able to build a successful career, in the public or private sector, get hired in professional hierarchical positions, have a career in business and acquire research skills and competences in this domain.

The professional Master's degree program *Management Information Systems for Finance & Accounting* (MSIFC) has the following **general objectives** in its academic curricula:

- To know the domestic and international economic, legal and administrative framework in which the economic agents operate;
- To know the financial analysis methodology for patrimonial entities in order to increase the quality of the decision-making processes in finance and accounting;
- To create permanent informational links between the educational institution and the economic environment, i.e. private / public entities, for whose needs this master's program trains experts.

The professional Master's degree program *Management Information Systems for Finance & Accounting* (MSIFC) has the following **specific objectives**:

- To train experts with higher education in financial and managerial accounting for business entities in any field of activity, able to opt for an accounting, fiscal policy or legal policy that can solve efficiently the complex decisions in these entities;
- To teach competences needed in the accounting information system used in making managerial decisions;
- To adapt the information system to the International Financial Reporting Standards (IFRS);
- To teach advanced digital management techniques for the financial and accounting field;
- To use modern methods to substantiate business decisions;
- To use specific tools of the managerial accounting to substantiate business decisions;
- To improve knowledge and skills in economic and financial analysis and management control systems;
- To optimize financial management by taking economic risks and through the appropriate usage of fiscal norms in managing economic agents;
- To improve the information system in order to apply International Accounting Standards (IAS);
- To acquire and promote ethics in business, based on the knowledge and respect of the legal framework in which the business agents operate;
- To develop digital skills of experts in accounting, financial audit and economic analysis, so that their performance should meet international requirements;
- To make the labor force in accounting more flexible, by ensuring advanced knowledge for the design of policies and strategies in financial analysis, business valuation, etc;
- To develop scientific research competences in the field.

Competences of the graduates of the professional Master's degree program *Management Information Systems for Finance & Accounting (MSIFC)*:

➤ **Professional competences:**

1. To analyze the financial performance of a company;
2. To comply with statutory obligations;
3. To interpret financial statements;
4. To develop accounting procedures;
5. To assess financial viability;
6. To provide cost-benefit analysis reports;
7. To develop cost-plus pricing models;
8. To identify key performance indicators;
9. To ensure compliance with financial policies;
10. To present reports;
11. To use office systems;
12. To analyze business processes;
13. To monitor financial accounts;
14. To supervise accounting operations;
15. Prepare financial reports.

➤ **Cross-curricular competences:**

1. To handle uncertainty;
2. To use communication and collaboration software;
3. To comply with regulations;
4. To report facts;
5. To critically assess information and its sources.

Given the above competences, the graduates of the Master's degree program *Management Information Systems for Finance & Accounting (MSIFC)* have a wide range of career and employment opportunities in various organizations, both public and private, in the field of accounting. After finishing their studies, they will have access, depending on their professional aspirations, personality and personal development, to jobs such as *accounting controller*, *accounting auditor* and other occupations, according to the Romanian Occupations Catalogue (COR) / ISCO 08 and the requirements of the employers on the labor market.

The curricula of the Master's degree program *Management Information Systems for Finance & Accounting* (MSIFC) include required and elective subjects, an internship period and the dissertation session.

The subjects studied cover all the issues of the domain. Among the required subjects, there are: Credit instruments, Performance measurement and monitoring tools for business entities, EU taxation and its national implications, Financial risk analysis and management, Modern concepts and practices in business valuation, Management of information systems (MIS), Financial management, Advanced financial & accounting audit, Statistical analysis of financial & accounting data, Scientific research methodology and, last but not least, Academic ethics and integrity.

Elective subjects: Data analysis and specialized software products / Statistical methods for banking risks and performance measurement; ICT tools for financial decision support / Cost control and analysis; Managerial accounting / Cost management; Comparative accounting systems / Accounting for financial, banking and insurance institutions.

Optional subjects: Business English and Financial decision modeling.

The internship is scheduled during the 1st semester of the 2nd year of study, under the *Internship Guide*, which is available to students at <https://www.artifex.org.ro/graficul-activitatilor/practica-studentilor/>.

The master's degree study program ends with the writing and defending of the dissertation paper. Upon passing the dissertation exam, 10 credit points are awarded, in addition to the credit points accrued during the study program (120 ECTS).

Admission to the Master's degree program *Management Information Systems for Finance & Accounting* (MSIFC) is regulated by the *Methodology regarding the organization of the admission exam for bachelor's and master's degree programs*.

Enrollment documents:

- bachelor's degree diploma or equivalent, original and copy;
- diploma supplement or equivalent, original and copy;
- birth certificate, original and copy;
- marriage certificate, original and copy (if applicable);
- identity document (copy);
- standard medical certificate, issued by authorized medical offices, certifying that the applicants are able to enroll in higher education;
- 3 photos (size3/4);

- receipt certifying the payment of the enrolment fee (paid at the university cash office);
- framework tuition agreement for the schooling period (received upon enrolment);
- enrolment sheet, filled in and signed by the applicant (upon enrolment);
- paper folder (envelope type).

The tuition fees for the Master's degree program *Management Information Systems for Finance & Accounting* (MSIFC) can be found here: <https://www.artifex.org.ro/taxe-si-tarife/>.

Enrolment is limited by the number of places approved by ARACIS and published in a G.D. in the current year and it complies with the ARACIS standards for master's degrees programs.

For more information, visit: <https://www.artifex.org.ro/admitere/>.

We look forward to having you as our students and partners!