

AI Taxation and Accounting Major

Department of
AI Taxation and Accounting

Graduate School of
AI Taxation and
Accounting



성신여자대학교
SUNGSHIN WOMEN'S UNIVERSITY

Tel. 02-920-7551

The AI Taxation and Accounting Graduate School aims to utilize AI methodologies combined with existing taxation and accounting knowledge for effective business decision-making. The core of AI-related analysis lies in thoroughly constructing input data (structured and unstructured data related to taxation and accounting) and utilizing this data based on AI methodologies for analysis and application in real corporate strategies and decision-making processes. The AI Taxation and Accounting Graduate School has established the Department of AI Taxation and Accounting, and newly created the major in AI Taxation and Accounting.

Scientification and informatization of taxation and accounting education. Integration of taxation and accounting-related theories and practices. Enhancement of operational efficiency in the field through practice-oriented education.

Department Introduction & History

Department's Educational goal & Specialization Objectives

Faculty Members

NAME	MAJOR	RESEARCH ACHIEVEMENTS	E-MAIL & EXTENSION NUMBER
Chun, Hongmin	Accounting	Ph.D.	hmchun@sungshin.ac.kr
Hwang, Sungwook	Business Analytics	Ph.D.	swhwang@sungshin.ac.kr
Kim, Junyoung	AI	Ph.D.	jkim@sungshin.ac.kr

Curriculum

DEGREE PROGRAM	RECOMMENDED COURSE ROADMAP BY SEMESTER				NOTES
	1ST	2ND	3RD	4TH	
MASTER	<ul style="list-style-type: none"> - Corporate Tax Practice - Data Science with Python - Introduction to Python Programming - Automation of accounting and tax tasks using robots 	<ul style="list-style-type: none"> - Business Data Analytics - Consolidated Financial Statements 	<ul style="list-style-type: none"> - Case Study in Tax Accounting - Accounting Fraud Detection Using Python and Fraudit - Advanced Python Programming and Machine Learning - Big Data and Real Estate Taxes 	<ul style="list-style-type: none"> - Financial Statement Analysis and Valuation 	* 100% of the courses being online

DEPARTMENT(MAJOR)	RESEARCH ACHIEVEMENTS	INTRODUCTION
Accounting	Prediction Modeling of Scope 3 Carbon Emission Utilizing Machine Learning: Evidence from Korea	Machine learning Project
AI	Robotic Project	Service Robotic Project

In preparation for the era of generative AI, the program aims to become a pathway for becoming experts in data analysis through courses on RPA (Robotic Process Automation), Python, and their applications.

Departments of internal accounting control systems in businesses related to business analytics, including public corporations and private companies.

Department's Research and Project Achievements

Department's Development Direction

Achievable Certifications and Career Paths After Graduation

Plan to conduct face-to-face classes about four times a year in a boot camp format, with 100% of the courses being online.

It is beneficial to have foundational knowledge related to accounting.

**Other Promotional
Information about
the Department
(Major)**

**Required
Qualifications for
Admissions**