



Derivative Finance MBA



Global Financial Expert with
practical knowledge and experience



PUSAN NATIONAL UNIVERSITY
Graduate School of Finance



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Greetings

Graduate School of Finance in PNU will be a proud Korean educational institution that fosters the best financial manpower.

Pusan National University Graduate School of Finance has been established in September 2018 with the financial support from the Financial Services Commission and Busan Metropolitan City.

Pusan National University and the Korea Maritime University Graduate School of Finance will give a joint degree with the specific goal of nurturing “global finance specialist with practical abilities”. For this purpose, Pusan National University Graduate School of Finance is providing 5 different programs below.

First of all, we'd like to provide practical education service for graduate students, leading to satisfy rapid changes in the financial environment. We select brand new university graduates and financial practitioners who pursue continuous education.

Second, most courses are taught in English to adapt to the global financial environment. The use of English as a common language in the financial industry is a prerequisite for communication and exchange with financial professionals around the world.

Third, we select graduate students regardless of their undergraduate majors, but through PNU GSF's mathematics and computer education, we aim to raise financial experts who can analyze financial data. Our curriculum will provide practical problem-solving skills using the analysis of complex financial data. To support this, Pusan National University Graduate School of Finance has prepared the best financial database around the world.

Fourth, we invite world-renowned professors and experts from the financial industry to construct top-notch professors in related fields. At the same time, we want to maximize the efficiency of learning by creating a cutting-edge learning environment and providing individual study space.

Finally, the GSF requires 45 credits for obtaining the degree of Master of Business Administration(Derivative Finance). But, due to the short period (3 semesters) of time for graduation, students can acquire a master degree more efficiently than any other graduate schools related to business administration in Korea. Because of this, students are expected to concentrate on their studies during the vacation.

In addition to this, we will provide you with various economic benefits so that students can study in the best educational environment without worrying about the financial burden. We will do our best to be the proud Korean educational institution that fosters the best financial manpower. Thank you.

Dean of Graduate School of Finance

Jang Woo Lee

Why PNU GSF?

- Fostering talented experts in financial area with international competitiveness specialized in derivative financial practice
- 1.5 year full-time MBA(Derivative Finance) master's degree course

Specialized curriculum

- Building up Solid fundamentals regarding derivatives, finance, financial mathematics, economics, and financial ethics and etc
- Providing the latest pin-tech knowledge, block chain, and trading practice
- Gain expertise in international financial markets and improve practical application ability through case-based lectures
- Strengthen financial information analysis capabilities based on database utilization and programming skills

Training global finance professionals

- Joint degree
 - Joint-degree with Korea Maritime University Graduate School of Maritime Finance
- Global Study Program
 - All students are required to study abroad at overseas universities
- International educational environment
 - Overseas training, international academic seminars, English lectures, trying to attract more than 30% of foreign students

Having Korea's largest financial training facilities and data

- Operating the largest financial training facility in Korea – financial information room and financial practice room
 - Utilizing Financial Data like NYSE TAQ, CRSP, COMPUSTAT, DATASTREAM Financial DB and thomson Reuters and etc
 - Providing real financial institution-level training environment in trading room where workstation is built
- Provide customized training and lectures for trading practice
 - Special lectures on derivative products (using practice programs such as brokerage API)
 - Simulated Trading (Using the Trading Tools)
 - Micro trading practice

GSF

PNU GSF

1.5 Year Road Map

Academic Calendar

1st Semester		2nd Semester	3rd Semester
Opening ceremony	Orientation	Dean's Luncheon	Dean's Luncheon
Overseas training Singapore			
Career search, counseling, social gatherings, mentoring		Career Design: Career Consulting, Achieving CFA Certification	Employment preparation, recruitment seminar, academic seminar

Graduation Requirements

Degree	Common Basics	Major	Thesis / Special Research	Required Total credits
Non-thesis degree	9 Credits	36 Credits	Special Research 0 Credits	Over 45 Credits
thesis degree	9 Credits	30 Credits	Thesis 6 Credits	Over 45 Credits

*GSF Students can choose either Non-thesis degree or thesis degree.

Curriculum Introduction

Common Basics Financial Mathematics, Financial Management, Advanced Economics

Major Mandatory Derivatives I , Derivatives II , Investment, R and Data mining, Global Financial Seminar I · II

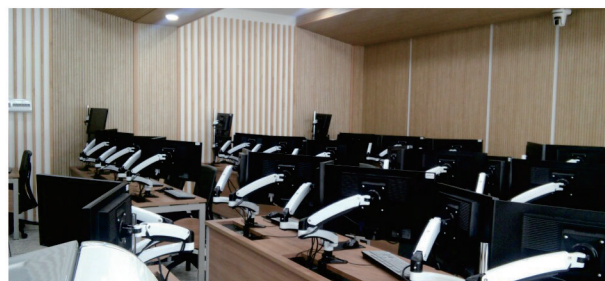
Select major Fin Tech and Python Coding I . Block chain and and Python Coding II , Structured Finance, Theory of OTC Derivatives, (Derivative) Financial Law, Financial Ethics, Financial Environment and Macroeconomics, Accounting principle, Corporate Finance, Econometrics, Financial Big Data Analysis, Bond analysis theory, Financial Optimization Practice, International Financial Management, Market microstructure, Financial Case Study

Global Study Program

Global Study Program for all of GSF students

Dispatched to the university abroad recognized for their professionalism of education in financial area

Students will study at Nanyang Technological University in Singapore for winter session. It is the twelfth ranked university of the world in 2019 announced by QS in the world university evaluation institution in the UK



Finance Databases

the largest financial information database in Korea

A Research Center at Chicago GBS	CRSP	All securities traded in the US / Europe provided by GSB at the University of Chicago
Standard & Poor's	Compustat	More than 50 years of corporate information in North America and worldwide Compustat North America, Compustat Global, etc.
Thomson Reuters	Eikon Datastream	Worldwide Financial Market Time Series Information Database
DBR Digital Service	Dunet	Search for various domestic and overseas information related to management
Mathworks Quote	Mathworks Korea	Mathematics graphics, programming related tools
STATA	Samkyung M	Statistical analysis software
Mathworks MATLAB Econometrics	Mathworks Korea Co., Ltd.	Mathematics, Graphics and Programming Tools
NYSE	TAQ(Trade & Quote)	Trading information provided by the New York Stock Exchange Global economic, corporate, financial market information, news / analysis reports database
FnGuide	FnDataGuide	Information on domestic stocks, futures, options, and bonds
korea listed companies association	TS2000	Domestic public corporation, external corporate information provision
Kisvalue	Kisvalue	Domestic public corporation, external corporate information provision
Euro Monitor international	Euro Monitor	Provide market research data and materials on products and services
KRX	Korea Exchange	Derivatives Market Provides data such as transaction details, futures and options for each product

Benefits offered by GSF

- Excellent grades and foreign language proficiency : 80% of the tuition fee of 3 million won for the successful applicants of the 4-year college graduates
- Foreigner special selection: 3 million won after finishing internal selection procedures
- 25 students will be supported for the total amount of fee needed for the acquisition of CFA Level 1 test (one time)
- Dormitory fees for 3 semester are fully supported(except meals)
- Overseas training fee is supported for all the students including flights, tuition fee, dormitory fee.



Faculty

The foundation of world-class research and education is the strength of the Faculty of Finance Graduate School of Pusan National University.

Jang Woo Lee Dean Corporate Finance

Tae-Hyuk Kim Professors Derivatives

Ki Yool Ohk Professors Derivatives

Cheol Jun Eom Professors Financial Analysis

Jong Seo Choi Professors Accounting Theory

Sun hwa Kwag Professors Financial Ethics (Case)

Hang Ju Lee Professors Big Data

Ki Seung Kim Professors Advanced Economics
(Application of Game Theory)

Ji Hoon Yoon Professors Financial Mathematics

S.C,Bae Special Professors Topics in Finance

Sang Hoon Kang Associate Dean Investment

Moo-Sung Kim Professors Financial theory

Kwang Soo Ko Professors Behavioral Finance

Jin Woo Kim Professors Investment

Young Bohk Cho Professors Financial Ethics

Taeho Hong Professors Fin Tech and MIS

Jae Deuk Lee Professors International Finance

Kwon Jun Ho Professors Python and coding

Sung Hyun Cho Professors Micro trading

니시나 가즈시끼 Professors Derivatives special

PNU GSF

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