

CERTIFICATE IN FINANCIAL ANALYTICS

To be admitted, students need to be Economics Majors or have completed the equivalent of ACCT 100, ACCT 101, ECON 101, ECON 102, and DS 212/ECON 212 or MATH 124, all with grades of C- or better.

Program Learning Outcomes

1. Students will understand and apply probability and other mathematical theories in financial analytics.
2. Students will learn about various risks related to investment decisions, and how to use bond, and derivative contracts to hedge such risks.
3. Students will be able to use related software, models, and analytical skills learned to make investment decisions.
4. Students will demonstrate effective communication and analytic skills related to hedging.

Certificate in Financial Analytics - 15 units

All courses for the certificate must be completed with a minimum GPA of 2.0.

Core (12 units)

| Code | Title | Units |
|---------|---|-------|
| FIN 350 | Business Finance | 3 |
| FIN 460 | Mathematics and Programming for Financial Analytics | 3 |
| FIN 465 | Financial Engineering | 3 |
| FIN 530 | Financial Analytics | 3 |

Elective (3 units)

Select any upper-division finance course (300 and above), excluding FIN 699.