Quantitative Asset Allocation
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LEARNING OBJECTIVE

The focus of this course is to give the students a practical analysis in the management of investment portfolios.

The course aims to provide students with an understanding of:
- asset allocation strategy;
- market timing strategy.

SYNTHETIC SYLLABUS

1. Introduction to portfolio construction

2. Global asset allocation: selecting and estimating input

3. Global asset allocation: building a MV efficient frontier

4. Limitations of MV Efficient frontier

5. Managing estimation errors with euristic models

6. Managing estimation errors with bayesian models

7. From strategic asset allocation to tactical asset allocation

MAIN REFERENCES

Scherer, B., "*Portfolio Construction and Risk Budgeting*", Risk Books.

OTHER READINGS

Michaud, R.O., " *Efficient Asset Management: A Practical Guide to Stock Portfolio Optimization and Asset Allocation*", Harvard Business School Press, Cambridge. MA.