

Finance Major Requirements

Advising Worksheet

The finance major offered by the Perella Department of Finance requires at least 18 credit hours beyond the core requirements. Each finance major must successfully complete the 2-course foundation requirement; the 2-course depth requirement; and a minimum 2-course breadth requirement as outlined below.

2-Course Foundation Requirement	<i>Prerequisites</i>
Fin 323. Investments	Fin 125, Eco 146
Fin 328. Corporate Financial Policy	Fin 125, Eco 146
2-Course Depth Requirement	<i>Prerequisites</i>
<i>Choose 2 depth electives from the following list of finance offerings.</i>	
Fin 324. Security Analysis and Portfolio Management	Fin 323, Fin 328
Fin 330. Financial Markets and Institutions	Fin 323, Fin 328
Fin 333. Global Finance	Fin 323, Fin 328
Fin 334. Derivatives and Management of Risk	Fin 323, Fin 328
Fin 335. Advanced Topics-Financial Management*	Fin 323, Fin 328
Fin 336. Real Estate Finance	Fin 323, Fin 328
2-Course Breadth Requirement	
<i>Choose at least 2 breadth electives within one of the following six breadth tracks. Bold courses are required within each tract.</i>	
<i>Track 1: Analytical Finance (9 credits)</i> Must take all 3 courses	<i>Prerequisites</i>
IE 316.¹ Optimization Models and Applications	IE 220 ³
IE 339.¹ Stochastic Models and Applications	IE 220 ³
Math 310.¹ Random Processes and Applications	Math 309 or Math 231
Eco 245. ² Statistical Methods II	Eco 145
Eco 357. ² Econometrics	Eco 146, Eco 245
Eco 358. ² Game Theory	Eco 146, Math 21
Math 467. ² Financial Calculus I	Math 23 and Math 43 or 205 and Math 12 or 231
Suggested Finance Elective Courses: Fin 333, Fin 334	
<i>Track 2: Financial Analysis (6 credits)</i>	<i>Prerequisites</i>
Acct 315.¹ Financial Accounting I	Acct 152
Acct 316.¹ Financial Accounting II	Acct 315
Acct 311. ² Accounting Information Systems	Acct 152, BIS 111
Acct 318. ² Analysis of Financial Statements	Acct 316
Suggested Finance Elective Courses: Fin 324, Fin 335	
<i>Track 3: Financial Economics (6 credits)</i> Take 1 course from each of the course pairs	<i>Prerequisites</i>
Eco 322.¹ Competitor and Market Analysis OR Eco 333.¹ Economics of Business Decisions	Eco 105 or 146, Eco 145 and Math 21 or 31 or 51
Eco 339.¹ International Trade OR Eco 340.¹ International Finance	Eco 105 or 146
	Eco 119 or Eco 129
Suggested Finance Elective Courses: Fin 330 and Fin 333.	

Track 4: Financial Marketing (6 credits) Choose 2 of the following required courses ¹	<i>Prerequisites</i>
Mkt 320.¹ Global Marketing	Mkt 111
Mkt 319.¹ Development and Marketing of New Products	Mkt 111
Mkt 325/Eco 325.¹ Quantitative Marketing Analysis	Mkt 111, Eco 115, Eco 145, and Math 21, 31, or 51
Mkt 312.¹ Marketing Research	Eco 145 and Mkt 111
Mkt 331/BIS 331.² Electronic Commerce	BIS 111, Mkt 111
Mkt 366.² Marketing of Services	Mkt 111
Suggested Finance Elective Courses: Fin 324, Fin 333, Fin 334, Fin 336	
Track 5: Financial Mathematics (6 credits) Take 1 course from each of the course pairs	<i>Prerequisites</i>
Math 205.¹ Linear Methods OR	Math 22 or 32
Math 242.¹ Linear Algebra	Math 23 or 33
Math 231.¹ Probability and Statistics OR	Math 23 or 33
Math 309.¹ Theory of Probability	Math 23 or 33
Math 334.² Mathematical Statistics	Math 231 or 309
Math 338.² Regression Analysis	Math 12 or 231
Math 467.² Financial Calculus I	Math 23 and Math 43 or 205 and Math 12 or 231
Suggested Finance Elective Courses: Fin 334 and any of the other finance depth courses.	
Track 6: Real Estate Valuation (7 credits) Must take all 3 courses	<i>Prerequisites</i>
IPRE 301.¹ Case Studies in Real Estate Value Creation	
Bus 347.¹ Practicum in Real Estate I	Eco 145, Acct 151, Fin 125
Bus 348.¹ Practicum in Real Estate II	Bus 347
Suggested Finance Elective Courses: Fin 335 and any of the other finance depth courses.	

¹Required course(s)

²Suggested additional course(s)

³IE 220 Introduction to Operations Research (3) within *Track 3: Analytical Finance* has prerequisites of IE 111 (Engineering Probability and Statistics) or Math 231 (Probability and Statistics).

*FIN 335 Advanced Topics has multiple topic areas such as valuation, fixed income, mergers & acquisitions, etc. The course can be repeated if a different subject area is offered.