

COURSE STRUCTURE

2025-11156 [Business Administration and Management (Financial engineering) (AZ) Master

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№	Course code	Title	Th	Pr	Ects	№	Course code	Title	Th	Pr	Ects
1	MLY 507	Data analytics management	3	0+0	7	1	MLY 511	Data analytics in finance	3	0+0	7
2	MHS 527	Principles of Financial Accounting	3	0+0	8	2	MLY 530	Corporate Financial Management	3	0+0	7
3	IQT 665	business economics	3	0+0	8	3	XXX XXX	[AE] Elective subjects (block II) #3	3	0+0	8
4	XXX XXX	[AE] Elective subjects (block I) #1	3	0+0	7	4	XXX XXX	[AE] Elective subjects (block II) #2	3	0+0	8
<i>Subtotal: 30</i>						<i>Subtotal: 30</i>					

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№	Course code	Title	Th	Pr	Ects
1	MLY 517	Financial engineering and risk management	3	0+0	8
2	MLY 515	Artificial intelligence in finance	3	0+0	8
3	XXX XXX	[AE] Elective subjects (block V) #5	3	0+0	7
4	XXX XXX	[AE] Elective subjects (block IV) #4	3	0+0	7

Subtotal: 30

Total ECTS credits: **90**

AE - Area Elective Courses

№	Course code	Title	Th	Pr	Ects
1	Bİ 504	Business Management	3	0+0	7
2	MLY 509	Financial technologies	2	1+0	7
3	SM 544	Statistical modeling	1	2+0	7
4	MLY 529	Quantitative Methods for Finance	3	0+0	8
5	MLY 535	Digital transformation	3	0+0	8
6	SM 528	Optimization methods	3	0+0	8
7	MHS 513	International Financial Reporting Standards	3	0+0	8
8	MLY 532	Banking and Insurance	3	0+0	8
9	MLY 534	International financial system	3	0+0	8
10	MLY 538	Securities analysis and portfolio management	3	0+0	7
11	Bİ 524	Marketing Management	3	0+0	7
12	MLY 537	Financial analysis	3	0+0	7

13	MLY 615	Taxes	3	0+0	7	
14	MHS 512	Managerial and Cost Accounting	3	0+0	7	
15	SM 619	Business process simulation	3	0+0	7	

NAE - Non-Area Elective Courses

No	Course code	Title	Th	Pr	Ects	