



TOPICS AND REFERENCES
FOR THE BACHELOR EXAM – July 2023 session

Bachelor program: *Finance and Banking (in English)*

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References

Nr crt.	BIBLIOGRAPHICAL REFERENCES	
[1]	Gruber, Jonathan	<i>Public Finance and Public Policy</i> , Worth Publishers, 2005
[2]	Dumitru Badea	<i>Insurance & Reinsurance</i> , Ed. Economică, 2003
[3]	Berk J., DeMarzo P.,	<i>Corporate Finance</i> , 3rd edition ., Pearson, 2014
[4]	Mishkin, Frederic S.	<i>The Economics of Money, Banking and Financial Markets</i> , the 10th Edition, 2013, Pearson Publishing House, ISBN- 9780132770248
[5]	Bodie, Z., A. Kane, and A. J. Marcus	<i>Essentials of Investments</i> , 6th edition, McGraw Hill International Edition (2007)