

# Table of Curriculum

Classification	Subject No.	computation code	Subject Name	Lecture : Experiment : Credit (Homework)	Semester	Note
Mandatory major courses	BA541	88.541	Research Methods in Behavioral Science	3:1:3(4)	Spring	
	BA581	88.581	Probability and Statistics	2:3:3(6)	Spring	◎
	BA582	88.582	Statistical Decision Analysis and Forecasting	3:1:3(6)	Fall	◎
	BA583	88.583	Statistical Analysis for Behavioral Science	3:1:3(6)	Summer	
Elective major courses	Managerial Economics Major	BA521	88.521	Microeconomic Analysis	3:0:3(3)	Spring ◎
		BA522	88.522	Econometrics	3:1:3(3)	Spring
		BA523	88.523	Law and Economics	3:1:3(4)	Fall
		BA524	88.524	Mathematics for Management and Economics	3:0:3(3)	Spring
		BA525	88.525	Macroeconomic Analysis	3:0:3(3)	Fall
		BA621	88.621	Microeconomic Theory	3:0:3(3)	Spring
		BA622	88.622	Game Theory and Applications	3:1:3(6)	Fall
		BA623	88.623	Economics of Innovation	3:0:3(3)	Spring
		BA624	88.624	Industrial Organization	3:0:3(3)	Fall
		BA626	88.626	Advanced Mathematics for Management and Economics	3:0:3(3)	Fall
		BA627	88.627	Advanced Industrial Organization	3:0:3(3)	Spring
		BA628	88.628	Macroeconomic Theory	3:0:3(3)	Spring
		BA721	88.721	Applied Econometrics	3:0:3(3)	Fall
	Finance Major	BA531	88.531	Financial Mathematics I	3:0:3(3)	Spring ◎
		BA532	88.532	Financial Mathematics II	3:0:3(3)	Fall ◎
		BA533	88.533	Derivatives	3:0:3(3)	Spring ◎
		BA534	88.534	Advanced Derivative Securities	3:0:3(3)	Fall ◎
		BA535	88.535	Advanced Fixed Income Security Analysis	3:0:3(3)	Fall ◎
		BA536	88.536	Real Estate Economics	3:0:3(3)	Spring ◎
		BA537	88.537	Theory of International Finance	3:0:3(3)	Spring ◎
		BA538	88.538	Numerical methods in finance	3:0:3(3)	Spring ◎
		BA539	88.539	Market Microstructure Theory	3:0:3(3)	Fall ◎
		BA631	88.631	Theory of Finance I	3:0:3(5)	Spring
		BA632	88.632	Theory of Finance II	3:0:3(5)	Fall
		BA635	88.635	Empirical Studies in Finance	3:0:3(5)	Spring
		BA731	88.731	Advanced Corporate Finance Theory	3:0:3(6)	Spring
		BA732	88.732	Empirical Corporate Finance	3:0:3(6)	Fall
		BA733	88.733	Asset Pricing Theory	3:0:3(6)	Spring
		BA734	88.734	Empirical Asset Pricing	3:0:3(6)	Fall
		BA735	88.735	Capital Market Theory	3:0:3(6)	Spring
		BA736	88.736	Empirical Research in Capital Markets	3:0:3(6)	Fall
		BA737	88.737	Financial Econometrics	3:0:3(6)	Fall
		BA831	88.831	Financial Intermediation	3:0:3(6)	Spring
		BA832	88.832	Topics in Investment Companies	3:0:3(6)	Fall

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Elective major courses	Finance Major	BA833	88.833	Real Estate Finance Theory	3:0:3(6)	Fall	
		BA834	88.834	Theory of Insurance	3:0:3(6)	Fall	
		BA835	88.835	Behavioral Finance	3:0:3(6)	Spring	
		BA836	88.836	Financial Models	3:0:3(6)	Spring	
		BA837	88.837	Advance Special Topics in Finance	3:0:3(6)	Spring	
		BA838	88.838	Special Topics in Finance I	3:0:3(6)	Spring	
		BA839	88.839	Special Topics in Finance II	3:0:3(6)	Fall	
	Marketing Major	BA551	88.551	Marketing Theory	3:0:3(3)	Fall	☉
		BA552	88.552	Quantitative Models for Marketing Decisions	3:1:3(3)	Spring	☉
		BA553	88.553	Promotion Management	3:0:3(3)	Fall	☉
		BA554	88.554	Marketing Channels Management	3:0:3(3)	Fall	☉
		BA651	88.651	Theories in Consumer Behavior	3:0:3(4)	Fall	
		BA652	88.652	Marketing Data Analysis	3:1:3(3)	Fall	
		BA653	88.653	Special Topics in Marketing	3:0:3(4)	Spring,Summer, Fall	
		BA751	88.751	Advanced Issues in Marketing	3:0:3(3)	Fall	
	Operations Strategy and Management Science Major	BA571	88.571	Mathematical Programming	3:1:3(5)	Fall	☉
		BA572	88.572	Operations Management	3:1:3(5)	Spring	☉
		BA771	88.771	Operations Strategy	3:0:3(3)	Fall	
		BA871	88.871	Behavioral Operations Management	3:0:3(5)	Fall	
		BA681	88.681	Multivariate Statistical Analysis	3:1:3(4)	Fall	
		BA682	88.682	Data Mining	3:1:3(4)	Spring	
		BA683	88.683	Time series analysis and forecasting	3:1:3(4)	Spring	
		BA684	88.684	Probability Models with Applications	3:1:3(6)	Fall	
		BA782	88.782	Statistical Decision Theory	3:0:3(4)	Fall	
		BA881	88.881	Computational Approach for Statistics and Finance	3:1:3(5)	Fall	
		BA882	88.882	Advanced topics in business and economic forecasts	3:1:3(5)	Fall	
	Organization and Strategic Management Major	BA542	88.542	Organizational Behavior	3:0:3(3)	Spring	☉
		BA543	88.543	Seminar on Strategy Implementation	3:0:3(3)	Fall	
		BA544	88.544	R & D Management	3:1:3(6)	Spring	☉
		BA545	88.545	Organization Theory	3:0:3(5)	Spring	
		BA546	88.546	Theoretical Foundation of Strategic Management	3:0:3(3)	Spring	
		BA641	88.641	Special Topics in Strategic Management	3:0:3(3)	Spring	
		BA642	88.642	Organizational Change and Innovation	3:1:3(3)	Fall	
		BA741	88.741	Advanced Research Methods	3:1:3(3)	Fall	
		BA744	88.744	Advanced Technology and Innovation Management	3:0:3(3)	Fall	
	Accounting Major	BA511	88.511	Financial Accounting	3:0:3(3)	Spring	☉
		BA512	88.512	Accounting Information and Capital Market	3:0:3(4)	Summer	
		BA811	88.811	Seminar in Financial Accounting	3:0:3(9)	Spring	
		BA812	88.812	Analytical Research in Accounting	3:0:3(9)	Fall	

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Elective major courses	Accounting Major	BA813	88.813	Empirical Methods in Financial Accounting	3:0:3(9)	Spring	
		BA814	88.814	Advanced Topics in Accounting Research	3:0:3(9)	Fall	
	IT Management Major	BA561	88.561	IT Management	3:0:3(3)	Spring	◎
		BA562	88.562	Business Modeling Analysis	3:1:3(4)	Spring	
		BA563	88.563	Business Media and Communication	3:0:3(4)	Fall	
		BA661	88.661	IT and Strategy	3:1:3(4)	Fall	
		BA662	88.662	Advanced Topic in eBusiness	3:1:3(4)	Fall	
		BA763	88.763	Social Network Analysis for Business	3:1:3(4)	Fall	
		BA764	88.764	Classical Readings in Information Systems Research	3:1:3(4)	Spring	
		BA863	88.863	Research Methodology for Management	3:1:3(4)	Fall	
	Green Business Major	GG501	A9.501	Green Business Theory and Practice	3:0:3	Spring	
		GG510	A9.510	Green Technologies and Green Industries	3:0:3	Spring	
		GG511	A9.511	Creating Green Business and Commercialization	1.5:0:1.5	Fall	
		GG531	A9.531	Green Accounting	1.5:0:1.5	Spring	
		GG532	A9.532	Carbon Emission Trading Market and Carbon Finance	1.5:0:1.5	Spring	
		GG535	A9.535	Valuation of Green Firms	1.5:0:1.5	Spring	
		GG536	A9.536	Green Fund Investment Strategy	1.5:0:1.5	Fall	
		GG537	A9.537	Green Derivatives	1.5:0:1.5	Fall	
		GG538	A9.538	Case Study in Green Finance	1.5:0:1.5	Spring	
		GG540	A9.540	Green Marketing	1.5:0:1.5	Spring	
		GG542	A9.542	Green Innovation and Strategy	1.5:0:1.5	Fall	
		GG545	A9.545	Green Value Chain and Carbon Management	1.5:0:1.5	Fall	
		GG551	A9.551	Green IT and Smart Grid	3:0:3	Spring	
		GG552	A9.552	Security for Information and Energy Infrastructure	3:0:3	Spring	
		GG555	A9.555	Environmental and Energy System Risk Management	1.5:0:1.5	Fall	
		GG570	A9.570	Green Growth Policy	3:0:3	Spring	
		GG571	A9.571	Green Technology R&D and Green Industry Policy	1.5:0:1.5	Spring	
		GG572	A9.572	Energy and Environment Economics	3:0:3	Fall	
		GG601	A9.601	Research Methodology for Green Business	3:0:3	Spring	
		GG603	A9.603	Special Topics in Green Business	3:0:3	Spring, Fall	
	GG604	A9.604	Studies on Green Growth Strategy	3:0:3	Spring		
Research		BA960	88.960	Thesis for Graduate Students			
		BA965	88.965	Independent Study for Graduate Students			
		BA966	88.966	Seminar for Graduate Students	1:0:0	Spring	
		BA980	88.980	Thesis for Doctoral Students			
		BA985	88.985	Independent Study for Doctoral Students			
		BA986	88.986	Seminar for Doctoral Students	1:0:0	Spring	

※ ◎: Courses counted as both Undergraduate and Graduate Courses