Actuarial Sciences (Economics Orientation)

-Total Lecture Time: 2,880 hours. Course Duration: 5 ½ years. (Norm S.C. Nº 5634/2012)

General Cycle

First Part

Code	Course	Depto.	Hours per week	Prerequisites
241	Mathematics (1st part)	M	6	-
242	Economics	E	4	-
243	Sociology	H	4	-
244	Methodology of the Social Science	H	4	-
245	Lineal Algebra	M	4	-
246	World History (Social and Economic)	H	4	-

Second Part

Code	Course	Depto.	Hours per week	Prerequisites
247	Accounting Theory	C	6	-
248	Statistics (1st part)	M	6	241
249	Argentine History (Social and Economic)	H	4	242-244-246
261	Political Theory and Public Law	H	6	-
262	Macroeconomics (1st part)	E	6	241-242
284	Mathematics (2nd part)	M	6	241-245

Professional Cycle

Code	Course	Depto.	Hours per week	Prerequisites
273	Corporate Law	D	4	-
276	Mathematics of Finance	M	4	248
279	Corporate Finance	A	6	262-276
283	Macroeconomics (2nd part)	E	6	262-288
285	Statistics (2nd part)	M	6	248-284
286	Microeconomics (2nd part)	E	6	288-290
287	Economic Geography	E	2	-
288	Math for Economists	M	6	284
289	Epistemology of Economics	E	2	244-262-290
290	Microeconomics (1st part) (para Economistas)	E	6	242-284
552	Money, Credit and Banks	E	6	283-286-288
751	Actuarial Statistics	M	4	285
752	Numerical Analysis	M	4	288
753	Mortality and other Tables Construction	M	6	276-751-752
754	Actuarial Theory: Life Contingencies	M	4	753

755	Actuarial Theory: General Insurance	M	4	276-751-752
756	Actuarial Theory: Pension and Health Plans	M	6	754
757	Actuarial Theory: Risk and Reinsurance	M	4	754-755
758	Actuarial Theory: Actuarial approach to Financial Risk	M	4	276-751
#	(*) ELECTIVE or (**) OPTIONAL	-	--	-
#	(*) ELECTIVE or (**) OPTIONAL	-	-	-
759	Final Seminar	M	-	754-755-756 757-758

 # Students must pass TWO Elective or Optional courses to complete the Plan and finish their undergraduate degree.

Electives (*)

Code	Course	Depto.	Hours per week	Prerequisites
721	Economic Power and Human Rights	H	4	-
724	Social Security Economics	E	4	-
786	Insurance Law	D	4	-

(*) They are subjects that make up closed sets of courses for the Career Plan. (Res. Superior Council No. 2210/03)

Optional subjects (**)

Code	Course	Depto.	Hours per week	Prerequisites
551	Econometrics	M	6	-
717	Principles of Actuarial Management	M	4	-
720	Social Security and Demography	M	6	753
722	Structured Learning	M	4	289
725	Health Management	M	6	-
726	Social Security Institutions	M	4	-
728	Professional Actuarial Practices	M	4	-
729	Stochastic Processes in Economics	M	4	-
741	Introduction to Topologies	M	2	288
746	Actuarial Scientific Computing	M	6	-
750	Quantitative Methods	M	4	-
760	Social Inclusion Practices	A	4	-
762	Chaos Theory in Financial Markets	M	4	-
763	Game Theory	M	2	-
784	Advanced Numerical Analysis	M	4	-
785	Mathematics of Finance – New Approach	M	4	-
791	Professional Ethics Seminar	A	4	-

(**) Subjects are not explicitly identified in the Career Plan, comprising a variable supply (Res. Superior Council No. 2210/03)

NOTE: this subjects vary annually.