

Fall 2013
Exam 3L Suggested Study Schedule
 by The Infinite Actuary
 www.theinfiniteactuary.com

Subject	Topic	Finish By	Sources
Pre-req	Review Interest Theory and Statistics	6/30	TIA: A.1 MQR: 1, 2
Life Contingencies	Survival Distributions and Life Tables	7/2	TIA: B.1 AM: 3 (excluding Balducci and 3.8) MQR: 3.1 - 3.4, 4.1 - 4.5 (excluding Balducci)
	Life Insurance	7/9	TIA: B.2 AM: 4.1 - 4.3 MQR: 5.1 - 5.4
	Life Annuities	7/17	TIA: B.3 AM: 5.1 - 5.3 MQR: 6.1 - 6.3
	Benefit Premiums	7/24	TIA: B.4 AM: 6.1 - 6.3 MQR: 7.1 - 7.3
	Benefit Reserves	7/31	TIA: B.5 AM: 7.1 - 7.4 MQR: 8.1, 8.3
	Multiple Life Functions	8/6	TIA: B.6 AM: 9.1 - 9.5, 9.7 MQR: 9.1 - 9.2, 0.4.1 - 9.4.4, 9.5
	Multiple Decrement Models	8/17	TIA: B.7 AM: 10.1 - 10.3 MQR: 10.1 - 10.3
Stochastic Processes	Multi-State Models	8/21	TIA: C.1 "Multi-state Transition Models with Actuarial Applications"
	Poisson Process	8/27	applying "Poisson processes (and mixture distributions)"
Statistics	Point estimation	8/31	TIA: D.1
	Hypothesis testing	9/10	TIA: D.2 Bentley
	Order statistics and related tests	9/13	TIA: D.3
	Linear regression	9/16	TIA: D.3
Review & Problems	Review Material Work as many problems as you can Practice Tests	9/16 - 10/31	Quick review of all material Problem Sets The Infinite Actuary Sample Exam

Tips

1. Try your very hardest to stay ahead of schedule. If you fall behind schedule, then you will not have the last 1.5 months to just work problems. This time spent working problems is the real key to passing the exam.
2. Watch the lessons and then work as many problems as you can from the end of section problem set. Start at the back of each problem set and work backwards. Most likely you will not have time to work all the problems. That's why there is a month and half at the end of the schedule devoted to just working problems.
3. Don't spend too much time on any one section. If you are really struggling with a particular topic, then contact me and we can work through it.
4. During the last 1.5 months work 5 problems from B.1, 5 from B.2, 5 from B.3, and so on. This will help you stay fresh on all the material. If you work all B.1 problems, then all B.2 problems, you might forget some of the B.1 concepts by the end of B.2.

Key

TIA - The Infinite Actuary MLC Online Seminar
 AM - Actuarial Mathematics, 2nd Edition
 MQR - Models for Quantifying Risk, 2nd Edition