

BSc(ActuarSc) Suggested Study Plan A¹
(for students admitted in 2025 and thereafter)

Year	One		Two		Three		Four	
Semester	One	Two	One	Two	One	Two	One	Two
Disciplinary Core	ECON1210 Introductory Microeconomics MATH1821 Mathematical Methods for Actuarial Science I ACCT1101 Introduction to Financial Accounting	ECON1220 Introductory Macroeconomics MATH2822 Mathematical Methods for Actuarial Science II SDST2901 Probability and Statistics: Foundations of Actuarial Science SDST2902 Financial Mathematics	COMP1117 Computer Programming SDST3901 Life Contingencies I SDST3902 Mathematical Statistics SDST3904 Corporate Finance for Actuarial Science	SDST3903 Stochastic Models SDST3905 Introduction to Financial Derivatives SDST3907 Linear Models and Forecasting	SDST3906 Risk Theory I SDST3910 Financial Economics I	SDST3908 Credibility Theory and Loss Modelling SDST3909 Life Contingencies II SDST4904 Statistical Learning for Risk Modelling	Capstone ⁵	
Disciplinary Elective²							12 credits of disciplinary electives ⁵	
Other Courses and Free Elective²	AILT1001 Artificial Intelligence Literacy I (3 credits)			AILT9019 AI Literacy for Computing and Data Science (3 credits)	12 credits of free electives		42 credits of free electives	
Common Core	Common core	Common core	Common core	Common core	Common core	Common core		
Language	CAES1001³ Academic Communication in English (0 credits)			CAES9821 Professional and Technical Communication for Statistical Sciences		Chinese language enhancement course specified for the degree curriculum^{3,4} (course code to be confirmed)		
Credits	27	30	30	33	30	30	30	30

Notes

- This table is suggested for students' reference only. Students can choose another subclass if the course is also offered in different semesters/time slots. However, students are reminded to check the course pre-requisites when planning their studies ahead, whilst course offering semester and availability are subject to changes every year. Please refer to the Student Handbook, Regulations and Syllabus for more details.
- Students may also choose to take more Disciplinary Core or Elective courses as free electives than the number stipulated above within the allowed course load.
- Please refer to the Student Handbook for details about exemption if applicable.
- Putonghua-speaking students can choose take CUND9002 or CUND9003 to satisfy the Chinese language enhancement requirement.
- Lists of Disciplinary Electives (at least 12 credits), Free Elective and Capstone courses:

Free Elective (Students can take non-SDST courses as free electives)

SDST3957 Essential Principles in Actuarial Modelling

<u>Disciplinary Electives</u>				<u>Capstone</u>	
SDST3911	Financial Economics II	SDST3956	Life Contingencies III	SDST4711	Capstone Experience for Actuarial Science Undergraduates
SDST3951	Topics on Advanced Actuarial Modelling	SDST4901	Risk Theory II	SDST4767	Actuarial Science Internship
SDST3953	Fundamentals of Actuarial Practice	SDST4902	Selected Topics in Actuarial Science	SDST4798	Statistics and Actuarial Science Project
SDST3954	Current Topics in Actuarial Science	SDST4903	Actuarial Techniques for General Insurance		