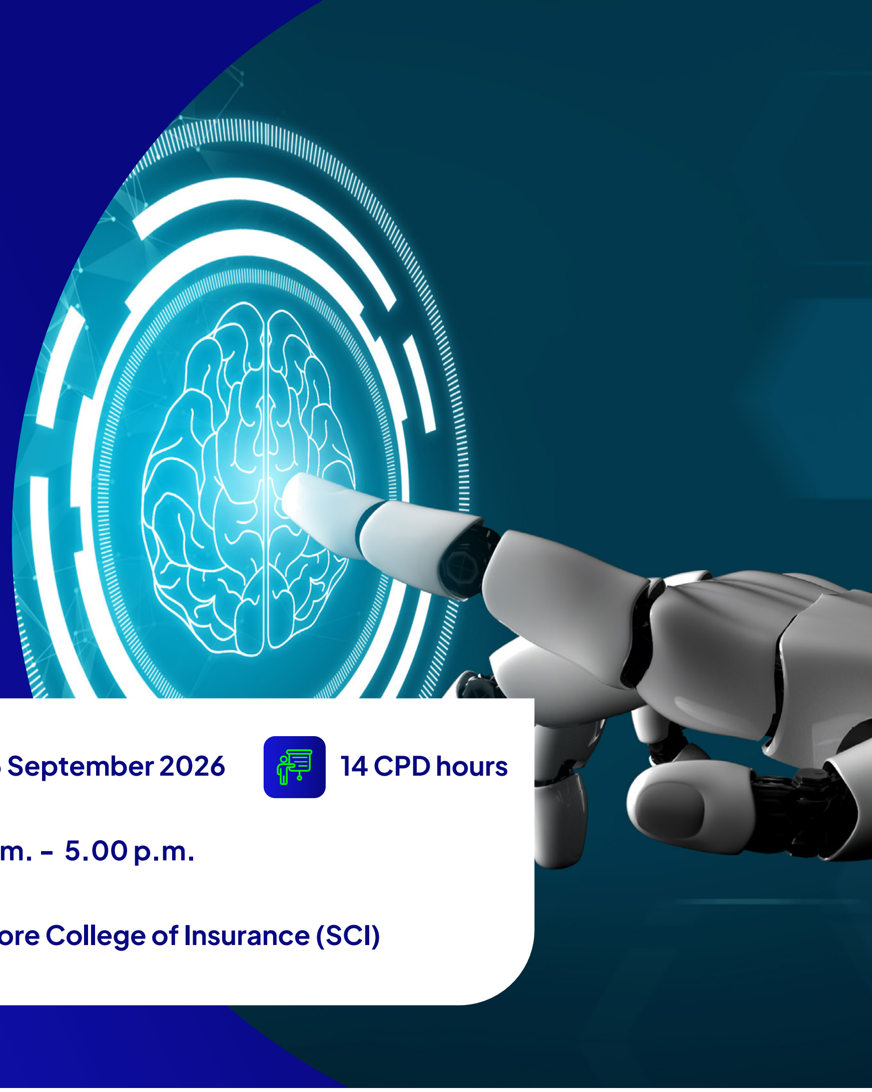
Singapore College of Insurance

Intermediate Level

Digitalisation In The Insurance Sector

Register Now



24 & 25 September 2026

14 CPD hours

9.00 a.m. – 5.00 p.m.

Singapore College of Insurance (SCI)

This 2-day programme covers a range of topics in respect of digitalisation in the insurance sector including Insurance Ecosystem and Traditional Insurance Value Chain; the Digital Transformation Journey; Introduction to Data and Data Analytics; An in-depth Understanding of Artificial Intelligence and its application in insurance; An in-depth Understanding of Blockchain and its applications in Insurance as well as The Future of Ecosystems and the Future of Insurance. Case-studies are used to assist participants to understand and apply the knowledge gained. Insurance examples shall be used and cited in this programme. Participants need not have prior knowledge of technology and they will find this programme useful in enhancing their knowledge of the best practices of digitalisation in the insurance sector.

Target Audience

- Digital Transformation, Business Process Improvement and Customer Experience staff
- Insurance Practitioners interested to acquire new skills and knowledge in digital insurance
- Those who wish to learn how the world of insurance works and how technology solutions/platforms are weaved into the insurance value chain.

Key Learning Outcomes

At the end of the programme, participants should be able to:

- Understand the traditional insurance value chain, products and distribution channels present in the existing insurance industry
- Appreciate the process of digital transformation journey for insurance
- Understand the Use of Data Analytics for Ratemaking, Reserving and Risk Controls
- Understand Big data and the application of modern data analytics in Insurance
- Know the use of Artificial Intelligence (AI) in insurance through the study of practical examples
- Know the use of Blockchain in insurance through the study of practical examples
- Appreciate the future trend and how the future of insurance-enabled value chains will look like
- Understand how value adding applications for insurance are developed through the study of practical Insurance examples

Programme Topics

Introduction to Insurance Ecosystem and Traditional Insurance Value Chain

- Understanding of Insurance Ecosystem
- Understanding of Insurance Products and Distribution Channels

The Digital Transformation Journey

- Why Digital transformation
- A nutshell to Insurance system
- Trends of Insurance system design and development
- Risk and Governance

Introduction to Data, Data Science and Data Analytics

- Data Science vs Data Analytics
- Data Requirements for Exposure Analysis
- Data Analytics for Rate Making, Loss Reserving and Risk Control
- Data Storytelling / Visualisation

An in-depth Understanding of Artificial Intelligence and Deep Tech in Insurance

- Brief Overview of Artificial Intelligence (AI) / Machine Learning
- AI Solution Implementation in Insurance
- Brief Overview Big Data Analytics
- Big Data Analytics Implementation in Insurance

An in-depth Understanding of Blockchain and its application in Insurance

- What is Blockchain Technology
- How Blockchain help in Insurance Companies
- Blockchain Empowered Insurance Industry Databases
- The future of Blockchain in Insurance

The Future of Ecosystems and the Future of Insurance

- The Future Ecosystems
- The Environmental Ecosystem for Insurers
- The Cyber Ecosystem for Insurers
- The Digital Ecosystem for Insurers
- Concluding Remarks: The Future of Insurance

Programme Fee

S$827.31 (inclusive of 9% GST)

Participants who register by 24 July 2026 will be entitled to a 10% Early Bird Discount.

A 10% Group Discount is also applicable for organisations registering a minimum of three participants.
Please note that the Early Bird and Group Discounts are not cumulative.

Net Course Fee: S$599.61 (incl. of 9% GST and after 30% FTS funding)

For Singapore Citizens below 40 years old and Singapore Permanent Residents

Net Course Fee: S$327.31 (incl. of 9% GST and after 70% FTS funding)

For Singapore Citizens aged 40 years old and above

This course is recognised under the Financial Training Scheme (FTS) and is eligible for FTS claims subject to all eligibility criteria being met.

Please note that in no way does this represent an endorsement of the quality of the training provider and course. Participants are advised to assess the suitability of the course and its relevance to his/her business activities or job roles.

The FTS is available to eligible entities based on the prevalent funding eligibility, quantum and caps. FTS provides up to 70% course fee subsidy support for direct training costs subject to a cap of S$500 per candidate per course subject to all eligibility criteria being met.

Find out more on www.ibf.org.sg.

Programme Leader

Mr. Raymond Cheung

Raymond Cheung is a seasoned C-suite executive and Chartered Actuary with over 20 years of experience across insurance, ESG, and capital markets. He is CEO of CER Consultancy, delivering ESG training. He was formerly Group CEO of Basel Medical Group (Nasdaq: BMGL) and held statutory Chief Risk Officer roles at AIG Asia Pacific and Asia Capital Reinsurance Group. As Regional Insurance Lead at Grab, he designed digital insurance programs across eight ASEAN markets. He serves as Independent Director for SGX- and Nasdaq-listed companies and is an accredited trainer for SMU Academy and the Singapore College of Insurance.