GOLDEN GATE UNIVERSITY

IN PARTNERSHIP WITH STRAITS INTERACTIVE

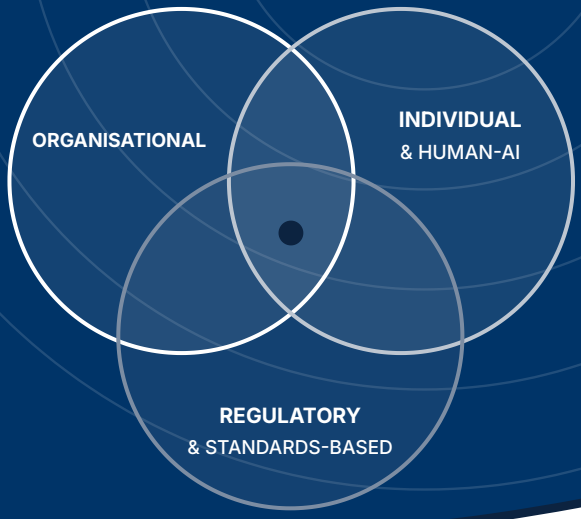
GOLDEN GATE UNIVERSITY | STRAITS INTERACTIVE

Master of Science in AI Governance

Lead AI transformation. *Govern with confidence.*

A first-of-its-kind integrated master's pathway addressing AI governance at three interconnected levels: organisations, individuals, and the mandatory requirements and voluntary frameworks that guide responsible AI.

Develop the capability to lead AI transformation, exercise sound human judgement and turn governance obligations into practical action.



Three levels of governance in one professional pathway

3	10	360	30% •
GRADUATE CERTIFICATES	COURSES	LEARNING HOURS	SCHOLARSHIP SUBSIDY*

PENDING WASC APPROVAL**

Start with a standalone Graduate Certificate of your choice. You do not need to enrol in the full master's degree at the outset.

- Bundled AI Tutors
- Practical AI tools
- Interactive role-plays

TOTAL BUNDLED VALUE **USD 1,800**

*A 30% scholarship subsidy is available for eligible applicants from regulatory bodies, educational institutions and the GRC profession. Eligibility and award terms apply.

**WASC refers to the WASC Senior College and University Commission (WSCUC), the accrediting body for Golden Gate University. The Master of Science in AI Governance is pending WSCUC approval.

02 / PROFESSIONAL OPPORTUNITY

Prepare for the next wave of AI leadership

Build capability for emerging responsibilities in AI strategy, professional practice and accountable oversight.

Chief AI Officers, AI Strategy and AI Governance Offices



76% of organisations in IBM's 2026 CEO study reported having a Chief AI Officer, compared with **26% in 2025**. [1]



85% of the CEOs surveyed said all functional leaders must become technology experts in their domain. [1]

Prepare to coordinate AI strategy, investment, workforce capability and governance across the enterprise.

AI bilingualists who apply critical thinking



66% of leaders in Microsoft and LinkedIn's 2024 Work Trend Index regarded AI skills as a prerequisite for hiring. [2]



71% preferred a less experienced candidate with AI skills over a more experienced candidate without them. [2]

AI bilingualists combine domain expertise with practical AI capability and sound judgement. A 2025 study of 319 knowledge workers associated greater confidence in GenAI with less self-reported critical thinking. [3]

AI governance and GRC professionals



77% of organisations in IAPP/Credo AI's 2025 survey were working on AI governance. [4]



98% anticipated needing additional employees for AI governance. [4]

Develop the capability to translate applicable requirements into controls, assurance evidence and incident response.

Why agentic AI raises the stakes



80% of executives in IBM's 2026 survey across eight European and Middle Eastern countries reported an AI-related incident reaching their board or C-suite within the previous year. [5]



Only 37% said their governance systems were designed to scale with agentic AI deployment. [5]

These incidents included agent failures, data exposure and decision errors as well as security breaches. The findings strengthen the case for accountable autonomy, oversight and compliance capability.

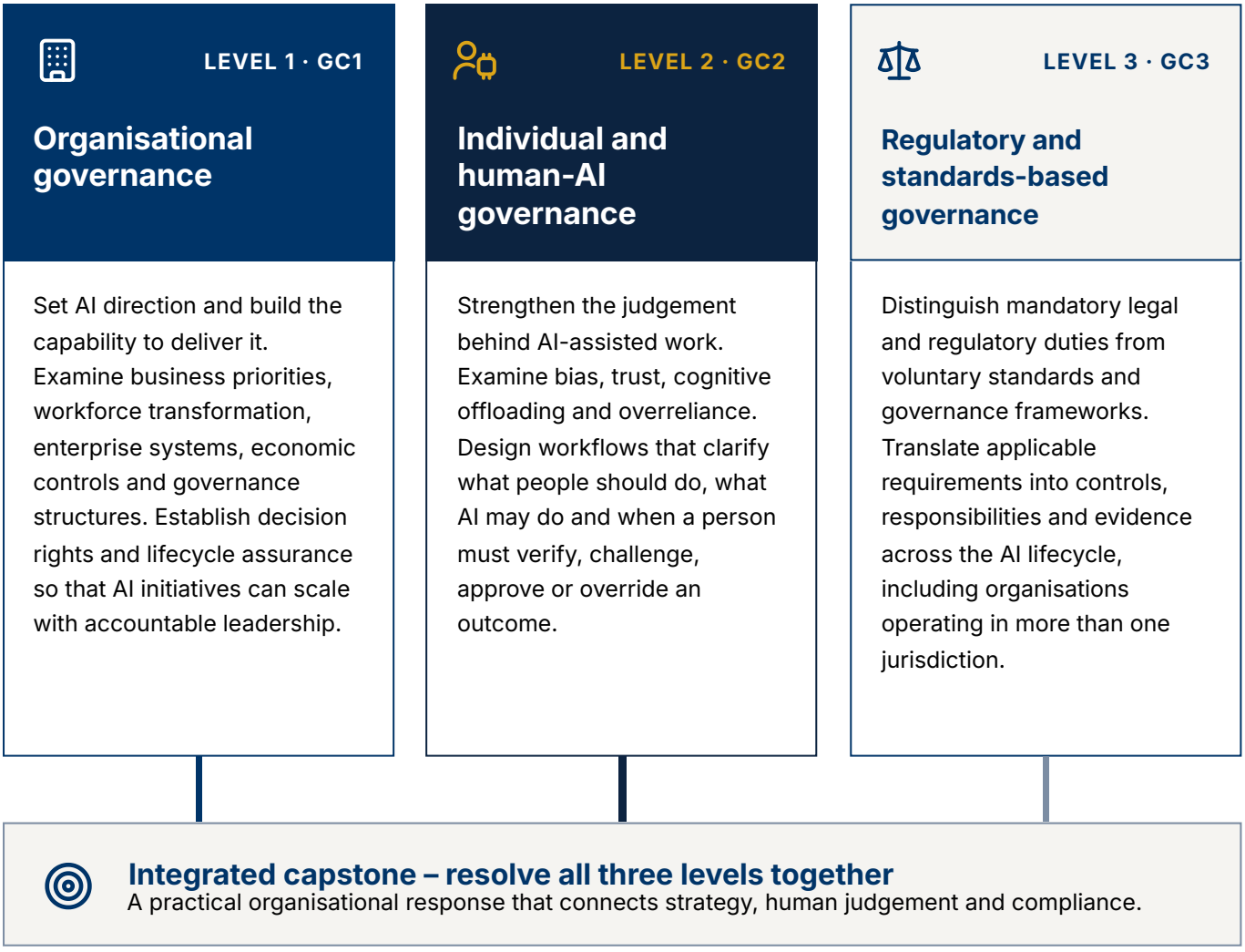
[1] IBM CEO Study 2026; 2,000 CEOs and equivalent senior leaders globally.
[2] Microsoft and LinkedIn, Work Trend Index 2024.
[3] Lee et al., CHI 2025; association from self-reported survey data.
[4] IAPP/Credo AI, AI Governance Profession Report 2025.
[5] IBM/Censuswide, September 2026; 3,221 executives, organisations with 1,000+ employees.

03 / DISTINCTIVE APPROACH

Govern AI at three interconnected levels

Effective governance connects how organisations deploy AI, how people use it and the requirements that govern its operation.

The Master of Science in AI Governance brings these dimensions together in a first-of-its-kind integrated pathway. Each Graduate Certificate develops a different perspective; the capstone requires you to resolve them together in a practical organisational response.



Capabilities you will develop

1. Lead AI transformation strategies that connect business objectives with organisational capability and responsible adoption.
2. Evaluate human-AI decisions and design meaningful oversight for AI-enabled and agentic workflows.
3. Apply legal, regulatory, data governance and standards requirements to practical compliance arrangements.
4. Integrate strategy, human judgement and compliance into an evidence-based governance solution you can explain and defend.

04 / AUDIENCE AND STACKABLE PATHWAY

Build on your professional expertise

Start with one Graduate Certificate. Decide on the full master's pathway when you are ready.

Each Graduate Certificate is a standalone qualification. You may enrol in the certificate of your choice without signing up for the entire MSc. Choose the starting point that addresses your professional responsibilities and learning goals.

Senior leaders and enterprise transformation professionals

Current and aspiring Chief AI Officers; AI Strategy Office and AI Governance Office teams; executives, business managers and functional heads; technology, data, product and innovation leaders; and AI project owners and transformation teams.

Suggested starting point: Graduate Certificate 1 for AI strategy, workforce capability, enterprise systems, economics and governance leadership.

START WITH **GC1**

People shaping human-AI work and professional practice

HR, L&D and organisational development professionals; educators and learning designers; service and product designers; analysts, business professionals and managers who use or oversee AI-assisted work and decisions.

Suggested starting point: Graduate Certificate 2 for judgement, trust, work redesign and responsible agent autonomy. Certificate 1 also supports workforce capability and transformation responsibilities.

START WITH **GC2**

Governance and assurance professionals

Legal, compliance, risk, audit, privacy, cybersecurity and data governance professionals; DPOs; regulators and policy specialists; and regional compliance teams responsible for translating requirements into accountable practice.

Suggested starting point: Graduate Certificate 3 for legal and regulatory obligations, lifecycle controls and multi-jurisdictional compliance. Certificates 1 and 2 add enterprise leadership and human oversight perspectives.

START WITH **GC3**

Stack your learning towards the MSc

GC1 · 108 h	GC2 · 108 h	GC3 · 108 h	36 h
CAIO & Transformation	Human-AI Psychology	AI Law & Compliance	Capstone

3 courses per certificate

= 360 learning hours · MSc in AI Governance

Each certificate comprises three courses and 108 learning hours. Complete all three certificates and the 36-hour integrated capstone to fulfil the 360-hour curriculum, subject to GGU's admissions, progression, assessment and award requirements.

Standalone certificate entry does not require an upfront commitment to the full degree. Your completed certificates provide the foundation for subsequent progression towards the MSc.

05 / GRADUATE CERTIFICATE 1 · ORGANISATIONAL

Chief AI Officer, AI Governance and Transformation

1

Lead AI adoption with strategic direction, enterprise capability and governance discipline.

Develop the leadership capability to move AI initiatives from experimentation into coordinated organisational practice. Work across the Five Plays of the Chief AI Officer:

PLAY 1	PLAY 2	PLAY 3	PLAY 4	PLAY 5
Strategy	People	Technology	Governance	Economics

THREE COURSES

1 AI Strategy and Workforce Transformation

Assess organisational readiness using the GenAI Maturity Framework. Develop a phased AI strategy and workforce capability roadmap, and design a practical AI tool or workflow use case aligned to business priorities.

2 Enterprise AI Systems and Economics

Evaluate enterprise AI architectures, knowledge-grounded systems and agentic workflows using ISO/IEC 5338 lifecycle principles. Compare models and deployment choices, examine token and compute economics, and design controls that connect AI expenditure with measurable value.

3 AI Governance, Assurance and Leadership

Design accountability, risk and assurance arrangements drawing on ISO/IEC 42001 and the NIST AI RMF. Integrate decision rights, human oversight, incident response and evidence into a CAIO operating model and a narrative for the board.

SELECTED PRACTICAL OUTPUTS

- ✓ GenAI Strategy Document and Phased Roadmap.
- ✓ Enterprise AI Project Blueprint and Agentic Workflow.
- ✓ AI Economics and Control Plan; AI Governance, Risk and Assurance Framework.
- ✓ CAIO Playbook and Board Transformation Narrative.

APPLY YOUR LEARNING TO QUESTIONS SUCH AS

Which AI initiatives should we prioritise? What capability do we need? Who owns the outcomes, costs and risks?

3 courses | 108 hours Available as a standalone Graduate Certificate without enrolling in the full MSc.

06 / GRADUATE CERTIFICATE 2 · INDIVIDUAL & HUMAN-AI

Human-AI Psychology, Judgment and Governance

2

Use AI effectively while preserving critical thinking, professional judgement and human accountability.

Examine how people think, trust and decide when working with AI. Learn to recognise misplaced confidence, redesign human-AI work and establish appropriate limits when AI agents act on someone's behalf.

Rely	Verify	Challenge	Approve	Override

← More AI autonomy

More human control →

THREE COURSES

1 Human Judgment, Bias and Decision-Making

Explore how AI fluency, cognitive offloading, sycophancy and automation bias can affect decisions. Evaluate outputs for accuracy, hallucination, bias and consistency, and apply reflective decision-making and structured verification.

2 Trust, Reliance and Human-AI Collaboration

Determine when to rely on AI, when to challenge it and when to override it. Use the Human-AI Work Redesign Map to allocate tasks, decision rights and handoffs, with oversight that remains meaningful in practice.

3 Agentic AI and Human-AI Governance

Define autonomy boundaries for systems that plan, call tools and trigger workflows. Design approval gates, escalation rules, monitoring and human override mechanisms. Integrate these safeguards into a Human-AI Governance Playbook and stakeholder pitch.

SELECTED PRACTICAL OUTPUTS

- ✓ Human-AI Decision Checklist; AI Accuracy, Bias and Decision Risk Audit.
- ✓ Trust and Reliance Blueprint; Human-AI Work Redesign Map.
- ✓ Agentic AI Control and Responsibility Map.
- ✓ Human-AI Governance Playbook and Stakeholder Governance Pitch.

APPLY YOUR LEARNING TO QUESTIONS SUCH AS

What should we delegate to AI? What must a person verify? Where should an agent stop and seek approval?

3 courses | 108 hours

Available as a standalone Graduate Certificate without enrolling in the full MSc.

07 / GRADUATE CERTIFICATE 3 · REGULATORY & STANDARDS

AI Law, Compliance and Regulatory Frameworks

3

Turn applicable obligations and governance frameworks into controls, accountability and evidence.

Develop a practical approach to AI compliance across jurisdictions and throughout the AI and data lifecycle. Distinguish binding duties from voluntary guidance, assess how each applies and identify when specialist legal advice is needed.

LAWS & RULES	EU AI Act · Sector requirements · ASEAN developments
FRAMEWORKS & STANDARDS	SG Model AI Gov. · ISO/IEC 42001 · ISO/IEC 23894 · NIST AI RMF

THREE COURSES

1 AI Regulatory Landscape and Risk Classification

Compare AI laws, sector requirements and voluntary frameworks, including the EU AI Act, Singapore's Model AI Governance Frameworks and ASEAN developments. Classify AI systems by their purpose, impact, autonomy and potential harms, then map the obligations associated with the system and the organisation's role.

2 Data Governance, Privacy and AI Management Systems

Trace governance and privacy responsibilities across collection, use, deployment, monitoring and retirement. Apply a data lifecycle perspective alongside ISO/IEC 42001, ISO/IEC 23894 and the NIST AI RMF to design controls and assess readiness.

3 Multi-Jurisdictional Compliance and the AI Compliance Playbook

Map requirements across ASEAN, EU-facing and other relevant operating contexts. Address regulatory differences and cross-border responsibilities, then integrate controls, evidence and incident-response arrangements into a playbook for senior stakeholders.

SELECTED PRACTICAL OUTPUTS

- ✓ AI Regulatory Landscape Map; AI Risk Classification and Obligations Matrix.
- ✓ AI Data Governance Lifecycle Map; AI Management System Readiness Assessment.
- ✓ Multi-Jurisdictional AI Compliance Register.
- ✓ AI Compliance and Accountability Playbook.

APPLY YOUR LEARNING TO QUESTIONS SUCH AS

Which obligations apply? What controls are required? What evidence will demonstrate that we have acted responsibly?

3 courses | 108 hours Available as a standalone Graduate Certificate without enrolling in the full MSc.

08 / INTEGRATED CAPSTONE

Bring all three governance levels together

Develop and defend an Integrated AI Governance Report and Playbook for a real or realistic organisational challenge.

Select your organisation, a chosen case or a provided scenario. Define an AI governance challenge and develop a response that connects organisational strategy, human-AI interaction and legal compliance. The capstone assesses your ability to synthesise evidence, make professional judgements and explain the trade-offs behind your recommendations.

GC1 Organisational + GC2 Human-AI + GC3 Regulatory → Capstone

Capstone

PHASE 1
Discovery and scoping

Define the business context, AI systems and use cases in scope. Identify affected stakeholders, the questions that matter and the evidence needed to investigate them.

PHASE 2
Analysis and design

Assess organisational readiness, human reliance and oversight risks, and applicable legal and standards requirements. Develop an integrated governance response with controls, accountable owners and implementation priorities.

PHASE 3
Synthesis and communication

Consolidate your analysis into an Integrated AI Governance Report and Playbook. Present and defend your recommendations before an assessment panel, demonstrating how the three levels work together.

Your final submission

- An AI governance challenge statement and organisational assessment.
- A human-AI governance design and legal-compliance framework.
- A cross-pillar risk and control matrix, evidence register and implementation priorities.
- An executive governance narrative, panel presentation and defence.

AN ILLUSTRATIVE CHALLENGE

An organisation wants to deploy customer-service agents. Your project could connect the business case and operating model with approval boundaries, human escalation, customer-data controls and the evidence needed to monitor outcomes.

1 course | 36 hours Integrates all three Graduate Certificates

09 / BUNDLED LEARNING RESOURCES

Your AI learning toolkit

Learn and practise in your professional context with bundled AI Tutors, practical tools, interactive role-plays and five complementary books.

AI Tutors
Revisit concepts, test understanding

Practical AI tools
Incl. Capabara's no-code environment

Interactive role-plays
Board, management, employee, regulator

Live & peer learning
Discussion and workshops

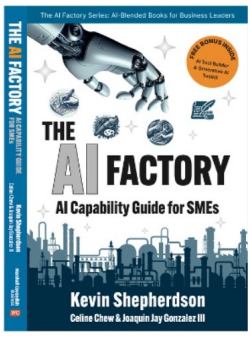
AI support for understanding and application

AI Tutors help you revisit concepts and test your understanding. Practical tools, including Capabara's no-code environment, support AI applications, governed workflows and governance artefacts. Role-plays let you rehearse board, management, employee and regulator scenarios relevant to your responsibilities.

Live discussion, workshops and peer learning connect these resources with your own professional challenges or provided scenarios. Throughout, you practise checking evidence, challenging assumptions and retaining responsibility for your conclusions.

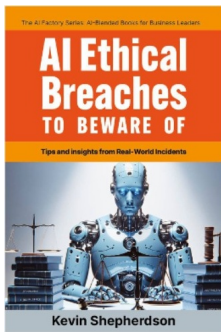
Five books bundled with your learning

THE AI FACTORY SERIES



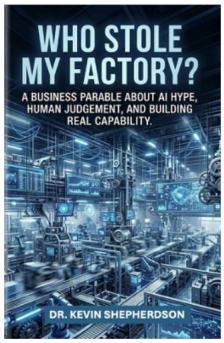
The AI Factory: AI Capability Guide for SMEs

A practical guide to developing organisational AI capability.



AI Ethical Breaches to Beware Of

Lessons from real-world incidents to inform responsible AI decisions.



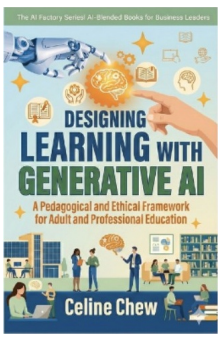
Who Stole My Factory?

A business parable about AI hype, human judgement and building real capability.



The Chief AI Officer Playbook

Five Plays for Leading Generative and Agentic AI. A reference for enterprise AI leadership and governance.



Designing Learning with Generative AI

A pedagogical and ethical framework for adult and professional education.

Use the books alongside faculty guidance, AI-supported practice and your course assignments to connect ideas with decisions in your organisation.

10 / INSTITUTIONS

Academic learning connected with professional practice

GOLDEN GATE UNIVERSITY

1901	San Francisco	Awarding
Founded	Private, non-profit	university

Golden Gate University

Founded in 1901, Golden Gate University is a private, non-profit university in San Francisco with a longstanding focus on practical education for working professionals. Its professional orientation provides the academic setting for a master's pathway focused on applied analysis, evidence and judgement.

The Master of Science in AI Governance is awarded by Golden Gate University, subject to successful completion of the university's academic and award requirements.

Institutional background: Golden Gate University.

STRAITS INTERACTIVE

ASEAN	GRC & AI	Delivery
Regional context	Capability	partner

Straits Interactive

Straits Interactive contributes regional experience in data protection, governance, risk and compliance, together with AI capability development and organisational transformation. Its work connects professional education with practical tools, governance processes and workplace implementation.

As the regional delivery partner, Straits Interactive brings ASEAN context and applied learning support to the programme, including access to AI Tutors, tools and role-plays that help participants contextualise their learning.

Company background: Straits Interactive.

Academic learning

↕

Professional practice

A shared focus on practical capability

The programme connects academic learning with the decisions organisations face when adopting AI. Participants develop practical playbooks and governance artefacts, then integrate their work in a capstone that requires a coherent and defensible response to an organisational challenge.

11 / LEAD TRAINERS

Learn with practitioners shaping AI capability

Dr Kevin Shepherdson and Dr Celine Chew bring together enterprise leadership, curriculum design and responsible AI practice. They have co-authored books including *The AI Factory: AI Capability Guide for SMEs* and *The Chief AI Officer Playbook: Five Plays for Leading Generative and Agentic AI*.



DBA in Generative AI, GGU

SkillsFuture Fellowship 2021

~50 courses designed

IAPP APAC trainer

Dr Kevin Shepherdson

Founder and Chief Executive Officer, Straits Interactive

Dr Kevin Shepherdson leads Straits Interactive, an EdTech firm focused on data governance, digital transformation and generative AI. In 2023, the company was named among Singapore's Top Ten Outstanding and Promising Start-ups at the ACE National Startup Awards.

Kevin has designed curricula for close to 50 courses with Singapore Management University (SMU) and the Singapore Institute of Technology (SIT), covering data protection, data governance, AI governance and generative AI transformation. He received the SkillsFuture Fellowship Award in 2021, conferred by the President of Singapore in recognition of skills mastery and commitment to developing future talent.

Kevin holds a DBA in Generative AI from Golden Gate University, San Francisco; an MSc in Information Studies from Nanyang Technological University; and a bachelor's degree in arts and social sciences from the National University of Singapore. He serves as an Asia-Pacific trainer for the International Association of Privacy Professionals (IAPP). In generative AI, he has also filed a patent relating to reasoning logic.

His other books include *99 Privacy Breaches to Beware Of* and *AI Ethical Breaches to Beware Of*. Previously, he held management roles at Creative Technology, Sun Microsystems and Oracle Corporation. His background as a music composer and producer brings a creative perspective to his work in AI and data governance.



DBA, Emerging Tech (GenAI)

IAPP Fellow (FIP)

EXIN subject matter expert

Dr Celine Chew

Chief Learning Officer, Straits Interactive

Dr Celine Chew leads the design and delivery of professional education in generative AI, AI governance, data protection and data governance. She holds a DBA in Emerging Technology (Generative AI) and is an Affiliate Faculty member at SMU, SIT and the Singapore University of Social Sciences (SUSS).

Celine is the lead curriculum designer and trainer for Industry Graduate Diplomas covering generative AI, large language models and AI governance, the Professional Certificate in AI for Adult Education, and the Psychology of AI Series. Her programmes equip professionals across sectors to apply AI effectively and responsibly at work.

An EXIN subject matter expert and an IAPP Fellow of Information Privacy (FIP), Celine also coaches executives in learning, innovation and organisational transformation. She co-authored *The AI Factory: AI Capability Guide for SMEs* and is the author of *Designing Learning with Generative AI*, which presents a pedagogical and ethical framework for adult and professional education.

Courses are taught by Golden Gate University professors of practice alongside industry experts and practitioners.

12 / ADMISSIONS AND SCHOLARSHIP

Make AI governance part of your next step

Explore your study pathway and the scholarship available to eligible professionals.

30%
PROGRAMME-FEE SUBSIDY

A scholarship supporting access to quality education

A joint GGU–Straits Interactive scholarship offering a 30% programme-fee subsidy will be available to eligible applicants working in:

- **Regulatory bodies**
- **Educational institutions**
- **The GRC profession**

SDG 4

The scholarship aims to make AI governance education more accessible to people who help institutions and organisations adopt AI responsibly. It supports the aims of UN Sustainable Development Goal 4 – Quality Education – particularly Target 4.3 on access to affordable, quality tertiary education. Eligibility and award terms apply.

SDG reference: United Nations Sustainable Development Goal 4, Target 4.3.

Plan your participation

ENROLMENT DETAIL	INFORMATION
Next intake	**9 January 2027.** Applications close **20 December 2026**.
Entry requirements	A recognised degree, diploma or graduate certificate, plus at least five years' work experience. Diploma holders are assessed case by case.
Study commitment	10 courses (360 learning hours), delivered live online. About six months per Graduate Certificate; an estimated 18–19 months for the full MSc.
Programme fees	Fees vary by country of residence. Contact the programme team for the fee that applies to your location.
Prior learning	Graduate Certificates stack towards the MSc. Credit transfer is available for recognised prior learning.

Send an enquiry to discuss programme fit, certificate entry, scholarship eligibility or employer sponsorship before applying.

Lead AI forward

Keep accountability in human hands.

Build the capability to lead AI transformation, govern human-AI decisions and apply legal and standards-based requirements with confidence.

The Master of Science in AI Governance brings organisational leadership, individual judgement and regulatory accountability into one integrated professional pathway.

Apply for the next intake

Apply for a standalone Graduate Certificate or the full MSc pathway. You can start with the certificate of your choice without committing to the entire master's degree. Review the admissions requirements and follow the application instructions for your chosen route.

Next intake: January 2027
Apply by: 20 December 2026

Send an enquiry

Contact the programme team for guidance on programme fit, study commitment, admissions, scholarship eligibility and recognised prior learning. Organisations may also enquire about sponsoring employees or developing cross-functional teams.

Email: learn@straitsinteractive.com
Telephone: +65 6815 8010
Website: www.straitsinteractive.com

30%

Ask about the 30% scholarship subsidy for eligible applicants from regulatory bodies, educational institutions and the GRC profession.