

Skills Framework for Financial Services

Programmes that broaden or deepen specific skills and knowledge
for the various job roles in the sector

Digital and Data Analytics

Job Role:
Data Scientist

Full Qualification Programmes	Providers
Specialist Diploma in Business and Big Data Analytics	Nanyang Polytechnic

Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Data Analytics and Information Technology Management	Data Governance	4	Data-Driven Decision Making Data Analysis Fundamentals using Microsoft Excel (IBF)	Hyper Island Institute of Higher Education Pte Ltd NTUC LearningHub Pte Ltd
Data Analytics and Information Technology Management	Data Mining and Modelling	4	Making Investments Work Mastering Price Action SGX CSP Module 4: Technical Analysis	CyberQuote Pte Ltd CyberQuote Pte Ltd Singapore Exchange Limited
Data Analytics and Information Technology Management	Emerging Technology Synthesis	4	DATA SCIENCE AND FINTECH I	Nanyang Technological University, Wealth Management Institute
Business Development and Strategy Management	Ethical Culture	4	CFA Singapore Level 2 Preparatory Programme (IBF Level 2/3)	CFA Society Singapore
			CFA Singapore Level 3 Preparatory Programme (IBF Level 2/3)	CFA Society Singapore
			CFA Singapore Portfolio Management Programme (IBF Level 2/3)	CFA Society Singapore
			CFA Singapore Research Programme (IBF Level 2/3)	CFA Society Singapore
			ICA Diploma in Anti-Money Laundering / Counter Financing Terrorism (AML/CFT): Module 2 - Regulatory Advisory (IBF Level 2)	International Compliance Training Academy Pte. Ltd.
			ICA Diploma in Governance, Risk and Compliance: Module 2 - Regulatory Advisory [Banking] (IBF Level 2)	International Compliance Training Academy Pte. Ltd.
			ICA Diploma in Governance, Risk and Compliance: Module 2 - Regulatory Advisory [Capital Markets] (IBF Level 2)	International Compliance Training Academy Pte. Ltd.
			ICA Diploma in Governance, Risk and Compliance: Module 2 - Regulatory Advisory [Insurance] (IBF Level 2)	International Compliance Training Academy Pte. Ltd.
			Advanced Diploma in Private Banking - Ethics, Rules and Regulations	Nanyang Technological University, Wealth Management Institute
			Certified Private Banker Level 2 - Ethical Conduct	Nanyang Technological University, Wealth Management Institute
			Master of Science in Asset and Wealth Management - WM8001 Compliance, Ethics and Tools of Investment Mgt	Nanyang Technological University, Wealth Management Institute
			WMI Advanced Wealth Management Programme - Affluent (IBF Level 2/3)	Nanyang Technological University, Wealth Management Institute
			Ethical Private Banking Conduct	Salmon Thrust Pte Ltd
Private Banking Certification Level 2: Ethical Conduct & Rules and Regulations	SMU Academy			
People Management	People Performance Management	4	Certificate in Commercial Banking for Technology and Operations ACI-SMU Executive Certificate in Financial Markets Operations (IBF Level 1)	Ngee Ann Polytechnic SMU Academy – Financial Services
Business Development and Strategy Management	Project Management	4	Specialist Diploma in Consumer Banking - Digital Channel Design (M3 and M4)	Ngee Ann Polytechnic
Customer Relationship and Stakeholder Management	Stakeholder Management	4	Certified Anti-Money Laundering Specialist (CAMS) - 6th Edition - Singapore (CAMS6-SG (IBF Level 2))	ACAMS Chapter (Singapore)
			ICA Diploma in Anti-Money Laundering / Counter Financing Terrorism (AML/CFT): Module 2 - Regulatory Advisory (IBF Level 2)	International Compliance Training Academy Pte. Ltd.
			ICA Diploma in Governance, Risk and Compliance: Module 2 - Regulatory Advisory [Banking] (IBF Level 2)	International Compliance Training Academy Pte. Ltd.
			ICA Diploma in Governance, Risk and Compliance: Module 2 - Regulatory Advisory [Capital Markets] (IBF Level 2)	International Compliance Training Academy Pte. Ltd.
			ICA Diploma in Governance, Risk and Compliance: Module 2 - Regulatory Advisory [Insurance] (IBF Level 2)	International Compliance Training Academy Pte. Ltd.
			Executive Certificate in Compliance (Insurance)	Singapore College of Insurance Limited
AWMP Programme III - Wealth Advisory (IBF Level 2)	SMU Lee Kong Chian School of Business			

Please click [here](#) to view the Generic Skills and Competencies (GSCs) programme listing.

Please visit <https://www.ibf.org.sg> for the latest list of IBF programmes aligned to the Skills Framework for Financial Services.