

< Back

Programs Starting in Jul & Aug

In July and August, GEC launches a total of 232 online research programs.

2025 July Path Academics Program List	
Field	Program Name
Finance	Advanced Investments (For Undergraduate Students)
Finance	Investments (High School)
Finance	Introductions to futures, options, and derivatives
Finance	Analysis of Financial Markets (Advanced)
Fin-tech	Ethereum and Cloud Blockchain Solutions
Finance	Corporate Finance
Finance	Financial Market Analysis and Investments
Finance	Hands-on Machine Learning for Finance and Python
Finance	What is a Company Worth?
Product Development	Zero-to-One Product Innovation
Marketing	Luxury Brand Management
Entrepreneurship and Innovation	Social Entrepreneurship
Accounting	Managerial Accounting
Business Administration	Business of Producing: Entrepreneurship in Entertainment & Media
Marketing	Digital Marketing
Accounting	Financial Statement Analysis
Business	Data-Driven Operations Strategy
Marketing	Economics of Marketing Strategy
Economics	Mathematics for Economics
Economics	Customer Insights for Product Design, Pricing, Marketing Strategy, and Public Policy Decisions
Economics	Time Series Modeling with Applications in Economics and Public Health
Economics	US & Chinese Economies
Economics	Competition and Strategic Pricing
Economics	Economies in East Asia
Economics	An economic approach to global sustainable development: energy and environment in China, India, and the United States
Economics	100% Clean, Renewable Energy and Storage for Everything
Economics	Health Economics
Public Administration	Problem Solving for Social Change
Business Administration	Introduction to Social Entrepreneurship: Using Innovation to Address Poverty and Educational Access
Supply Chain Management/Logistics Management	Business Analytics with Supply Chain Applications
Management	Unlocking the New Potential of Data for Digital Transformation
Operations Research	Data-Driven Operations Strategy
Computer Science	Introduction to Multi-armed Bandit Algorithms
Computer Science	Introduction to Neural Networks
Computer Science	Introduction to Computation and Programming with Python (and C)
Computer Science	Deep Learning and Neural Networks: Theory and Applications
Computer Science	Artificial Intelligence and Machine Learning – Introduction and Theory
Computer Science	Introduction to Machine Learning and Data Science
Cybersecurity	Security and Privacy
Computer Science	Database Design and Management
Digital Media Technology	Introduction to VR for Game Design and Immersive Storytelling
Electrical Engineering	Frequency Allocation for 5G+: The Magic of Mobile Communications
Communication Engineering	Frequency Allocation for 5G+: The Magic of Mobile Communications
Electrical Engineering	Digital Integrated Circuits (Introduction to VLSI)
Electrical Engineering	Introduction to Neuroengineering and Brain-Computer Interfaces
Electrical Engineering	Research on Electrical Engineering
Information Engineering	Digital Communications
Mechanic Engineering	Deployable structures
Electrical Engineering	Microcomputer Control of Electromechanical System
Electrical Engineering	Engineering the Future – emerging tools that will shape the future of technology
Engineering and Applied Sciences	Energy Technology for the 21st Century
Actuarial Science	Advanced Investments
Mathematics	Philosophy of Logic
Mathematics	Complex Variables for HS
Financial Mathematics	Probability and its applications
Mathematics	Fractals
Physics	Applied Fluid Mechanics
Physics	Orbital motion and detection of extrasolar planets
Astrophysics	Astrophysics: Simulating the Universe
Materials Science	Nanomaterials
Environmental Science / Ecology	Environmental Chemistry: To Save The Planet, Molecules Matter!
Zoology	Introduction to Zoology
Biomedical Science	Sleep and Circadian Biology: The Final Frontier in Neuroscience
Biology	Introduction to Biotechnology
Biostatistics	Statistical Data Science for Public Health and Biomedicine
Biomedical Engineering	Biosensor: physiological principles and technology; focusing on haptics
Computer Science	Smart City: Theory, Practices and Applications
Archaeology	GIS and Mapping: Archaeological and Agricultural Applications
Nutrition	Nutrition and Health
Biomedical Science	Cancer Biology and Cancer Immunotherapies
Public Health/Statistics	Statistical data science for public health and biomedicine
Social Work	Introduction to social work research methods
Sociology of Law	Sexuality, Gender & Law
Gender Studies, Film and Television Studies	International Feminist Cinema
Political Science	Political Theory in Global Perspective
Journalism / Media Studies	Population Change and Public Policy
Educational Psychology / Cognitive Psychology	Cognitive Developmental Psychology
Social Psychology	The Psychology of Good and Evil
Abnormal Psychology	Psychopathology: Understanding Mental Health and Mental Illness
Music Education, Music Therapy	Radical Listening
Language Education	How to Use TESOL Instruction to Both Enhance and Improve Your Learning AND Teaching of the English Language
Education	Thinking Transnationally in a Global World: Towards a Transnational Sociology of Education and 21st Century Global Schooling
Sociology of Education	Schooling and learning for the knowledge society
Pedagogy	Elementary Education
Law	American Corporate Law
History and Sociology	The Sociology and Economics of Global Inequalities
Comparative Literature	Forms of Western and Non-Western Literature
Comparative Cultural Studies	Postmodernism: Culture and Theory
Philosophy / Phenomenology	The Metaphysics of Existentialism
Urban Planning	Urban Futures
Urban Planning / Architectural Design	The Material Culture of Cities
Film Production / Filmmaking	Documentary Filmmaking: Fundamentals of Documentary Structure and Editing
Industrial Design	Design & Play
Architecture	Nothing Less/Nothing More
Art History	Europe in Asia: The Visual Culture of Colonialism, 1500-1850
Performing Arts	Introduction to Early Europe 欧洲文明史 63

GEC 2025 August Path Academics Program List	
Field	Program Name
Finance	Introduction to Financial Management
Finance	AI in Finance
Finance	Investment Banking
Marketing	Fundamentals of Brand Strategy
Economics	Global Development in the 21st Century: End of History or New Frontiers?
Computer Science	Integrated and Deep Reinforcement Learning
Computer Science	Distributed Machine Learning: Foundations and Algorithms
Computer Science	Modern Data Visualization of Big Data
Computer Science	Great Ideas in Computer Science
Data Science	Machine Learning Essentials
Electrical Engineering	Control Systems in Robotics and Digital Technologies
Information Engineering	Parallel Programming and Architecture
Electrical Engineering	Digital Integrated Circuits — The Past and The Future
Electrical Engineering	AI Hardware Accelerators
Energy Engineering	The Motor of Society: Heat Engines and their Thermodynamics
Mechanic Engineering	Mechanical Engineering
Chemical Engineering/ Material Engineering	Nanotechnology & Electric Vehicles technologies
Civil Engineering	Integrated Urban Water Management
Engineering Management	Digital Twins: Fundamentals of Information Management for the Built Environment
Mathematics	A Course in Game Theory
Mathematics	Mathematics and Climate Science
Particle Physics/High-Energy Physics	Introduction to Particle Physics
Environmental Engineering	Urban Water and Green Infrastructure Integrated Planning and Management
Biology	Introduction to Public health and Medicine
Biology	An introduction to therapeutic vaccination
Nursing Science	Common Injuries in Sport
Public Health	Introduction to Public Health and Medicine
Public Administration	From the End of History to the Populist Explosion: The Comparative Politics of Europe
Sociology of Law	Comparative Equality Law in Socioeconomic Aspects
Communication Studies	Entertainment, Media and Technology Businesses
Journalism	Learning about the World from Media
Cognitive Psychology	Introduction to cognitive science, the science of information processing in the mind and brain
Psychology	Research Methods in Mental Health
Media Psychology	Media Psychology
Cognitive Psychology, Criminal Psychology	The Psychology of Bad Decisions: From Everyday Mistakes to Criminal Behavior
Sociology of Education	Exploring Gender, Difference & Equity
International Law	International Criminal Justice
Literature	The Forms of Poetry
History	National identity and the uses of history
Linguistics	Language Acquisition and Culture
Communication Studies	Brand Strategy

GEC Personalized Programs for Universities in July 2025	
School Name	Program
Huqiao University	Introduction to East Asian Studies
	Solving Real World Problems with Computational Thinking
	Writing of Scientific Manuscripts
	The Psychology of Artificial Intelligence
	The Material Culture of Cities
	Law and Modern Society
	Designing Games for Learning
	Environmental Change and Global Sustainability
	Writing a Professional Email
	Global Economic History
	AI in Finance
	Adolescent Mental Health and Self Healing
	Precision Marketing Strategies Driven by Consumer Behavior
	Innovation and Practice of Teaching Methods
	AI, Robot: A Brief Review for Everyone
	Human-AI Interaction for Everyone: An Introduction
Chengdu University	Smart and Sustainable Cities
	Ecosystem Ecology and Carbon Cycling
	Trade and Statecraft in Eurasia
	Computer Music Synthesis and Composition
	Introduction to VR for Game Design and Immersive Storytelling
	Engineering the Future - Emerging Tools That Will Shape the Future of Technology
	Digital Pricing
	Psychology of Desire and Self-Control
	Cognitive Styles and Decision-Making Under Uncertainty
	Philosophy of Logic and Critical Thinking
	Media and Everyday Life
	Foundations of Philosophy and Culture: An East-West Perspective
	Smart City: Theory, Practices and Applications
	Approaches to Pedagogical Innovations: Teaching and Learning in the 21st Century
	Media, Gender, and Identities
	Understanding the Origin and Evolution of the Universe
	Entrepreneurship and Innovation
	European Opera and Cultural History
	How to Write a Powerful Personal Statement
	Digital Literacy: Multimodal Learning Design

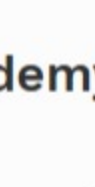
GEC Personalized Programs for Universities in August 2025	
School Name	Program
Guangzhou Medical University	Cancer Immunotherapies and Drug Discovery
Beijing Institute of Technology	Introduction to Robotics
	Advanced Robotics

AND SO MANY MORE.....

GEC Academy



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