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Programs Starting in Jan & Feb

In January and February, GEC launches a total of 145 online research programs.

| 2026 January Path Academics Program List | |
|--|---|
| Field | Program Name |
| Finance | Value Investing: A Modern Perspective |
| Finance | Investment Banking |
| Finance | Monte-Carlo Methods in Mathematical Finance |
| Finance | Corporate Finance and Valuation |
| Financial Engineering | Valuation for Financial Engineering |
| Business Administration | Business of Producing: Entrepreneurship in Entertainment & Media |
| Business Administration | Preparing Organizations for Greater Turbulence |
| Marketing | Digital Marketing |
| Accounting | Financial Statement Analysis |
| Economics | US & Chinese Economies |
| Economics and Law | How Concern for Animal Welfare Is Changing Laws Throughout The World |
| Computer Science | Deep Learning and Neural Networks: Theory and Applications |
| Computer Science | Introduction to Machine Learning and Neural Networks |
| Computer Science | Distributed Machine Learning: Foundations and Algorithms |
| Computer Science | Introduction to Cryptocurrencies, Blockchains and Smart Contract |
| Information System Management | Unlocking the New Potential of Data for Digital Transformation |
| Data Science | Data Analytics |
| Data Science | Data analytics and visualization for international and comparative economics of development: using the R statistical programming language |
| Computer Science | Computer Music Synthesis and Composition |
| Computer Science | 3D Computer Graphics |
| Data Science | Database Design and Management |
| Communication Engineering | Digital Communications |
| Electrical Engineering | Introduction to Power Engineering |
| Mechanic Engineering | The Motor of Society: Heat Engines and their Thermodynamics |
| Mechanic Engineering | Sensing for Robotics |
| Materials Science | Nanoelectronics, Optoelectronics and AI Chip |
| Materials Science | Nanomedicine: From Theory to Clinical Applications |
| New Energy Science and Engineering | Pathways and Technologies for Carbon Neutrality |
| Civil Engineering / Intelligent Construction | Digital Twins: Fundamentals of Information Management for the Built Environment |
| Applied Mathematics/Statistics | Introduction to Probability and Statistics |
| Applied Mathematics/Mathematical Statistics | Time Series Modeling with Applications in Economics and Public Health |
| Mathematics | A Course in Game Theory |
| Mathematics | Mathematics for Economics |
| Astrophysics | Astrophysics: Simulating the Universe |
| Environmental Science / Ecology | Environmental Chemistry: To Save The Planet, Molecules Matter! |
| Biology | Bionanotechnology: Nanotechnology Meets Biosensing and Nanomedicine |
| Zoology | An Introduction to Therapeutic Vaccination |
| Biostatistics | Statistical Data Science for Public Health and Biomedicine |
| Dentistry | The Role of Dental Technology in Modern Dental Care |
| Nutrition | Nutrition and Health |
| Public Health / Statistics | Statistical data science for public health and biomedicine |
| Sports Science / Physical Therapy | Common Injuries in Sport |
| History and Sociology | The Sociology and Economics of Global Inequalities |
| Sociology | Global Development in the 21st Century: End of History or New Frontiers? |
| International Relations | Political Theory in Global Perspective |
| Psychology | Learning about the World from Media |
| Psychology | Introduction to Cognitive Science, the Science of Information Processing in the Mind and Brain |
| Sociology of Education | Thinking Transnationally in a Global World: Towards a Transnational Sociology of Education and 21st Century Global Challenges |
| Education Studies | Elementary Education |
| Commercial Law | Multinational Enterprises and the Law |
| Comparative Literature | Forms of Western and Non-Western Literature |
| History | The Twinned Histories of Violence and Nonviolence: India, Auschwitz, Hiroshima, the American South, Palestine, and South Africa |
| Arts Management | Curation and Display in Art & Design |
| Film Production | How To Think Like A Film Editor |

| 2026 February Path Academics Program List | |
|--|---|
| Field | Program Name |
| Finance | Advanced Investments (For Undergraduate Students) |
| Finance | Fundamentals of Finance |
| Finance | AI in Finance |
| Finance | Corporate Finance |
| Marketing | Global Sports Fandom |
| Marketing | Luxury Brand Management |
| Economics | An Introduction to Market Design |
| Economics | Global Macroeconomics |
| Computer Science | Introduction to Computation and Programming with Python (and C) |
| Computer Science | Introduction to Neural Networks |
| Computer Science | Integrated and Deep Reinforcement Learning |
| Computer Science | Modern Data Visualization of Big Data |
| Electrical Engineering | Introduction to Neuroengineering and Brain-Computer Interfaces |
| Mechanic Engineering | Foundations of Robot Autonomy |
| Mechanic Engineering | Engineering the Future – Emerging Tools That Will Shape the Future of Technology |
| Mechanic Engineering | Applied Fluid Mechanics |
| Mathematics | Probability for Decision Making |
| Actuarial Science | Advanced Investments |
| Mathematics | Complex Variables for HS |
| Electromagnetism | Electromagnetism and Circuit Theory |
| Chemical Engineering/ Material Engineering | Nanomaterials |
| Biomaterials | Nanomaterials |
| New Energy and Environmental Engineering | Pathways and Technologies for Carbon Neutrality |
| Neuroscience | Introduction to Cognitive and Systems Neuroscience |
| Biomedical Engineering | Introduction to Biosensing |
| Geography | Remote Sensing and Satellite Image Analysis |
| Public Administration | From the End of History to the Populist Explosion: The Comparative Politics of Europe |
| Communication Studies | New Media and Youth Health |
| Psychology | The Psychology of Bad Decisions: From Everyday Mistakes to Criminal Behavior |
| Sociology of Education | Exploring Gender, Difference & Equity |
| Philosophy | The Metaphysics of Existentialism |
| Writing /Linguistics | Language Acquisition and Culture |
| Performing Arts | Introduction to Early European Opera |

GEC Personalized Programs for Universities in January 2026

| School Name | Program |
|--------------------------------------|---|
| South China University of Technology | AI's Next Wave: Beyond Large Language Models to Embodied Intelligence |

GEC Personalized Programs for Universities in February 2026

| School Name | Program |
|-------------------------------|--|
| Southwest Jiaotong University | Next-Generation AI: The Leap of Intelligence and Paradigm Reconstruction |

GEC Customized Lectures for Universities in January 2026

| School Name | Program |
|--------------------------------------|---|
| South China University of Technology | Sustainable Cities for the Future: A Systems Approach to Resilient and Cost-Efficient Development Aligned with SDGs |

GEC Customized Lectures for Universities in February 2026

| School Name | Program |
|--------------------------------------|--|
| South China University of Technology | Toward 2030: Global Implementation Progress and Obstacles of Sustainable Development Goals |

AND SO MANY MORE.....

GEC Academy



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