

# Graduate Education Programme

Call for Lecturers

# Call for Lecturers Graduate Education Programme at NBS

The National Bank of Slovakia (NBS) is launching a [Graduate Education Programme \(GEP\)](#), a unique 12-month initiative that merges top-tier academic rigour with embedded, hands-on policy work.

We are looking for expert academics and professionals who can deliver specialised, intensive modules to a highly qualified cohort of postgraduate graduates. The modules are in core areas of central banking, focusing on advanced theory and policy applications.

Modules are typically delivered over a two-week period: three days per week, five hours per day. Lecturers can select to deliver only one week. A description of each module is provided below, including an indication of the teaching schedule (please note that there is some flexibility regarding timing).

## Why Teach at the GEP?

**Selected Participants:** Engage with a highly motivated, analytically strong, and policy-oriented cohort.

**Meaningful Impact:** Your teaching will directly shape the capabilities and perspectives of future central bankers.

**Compensation and Support:** we offer competitive remuneration commensurate with your academic expertise, as well as travel to Bratislava and accommodation for the duration of your stay.

## Express Your Interest

To express your interest, please submit your updated CV, a brief description of the module(s) you are prepared to teach, and a sample of any relevant teaching material (if available) to: [graduates@nbs.sk](mailto:graduates@nbs.sk)  
(deadline: 20 February 2026)

*Shape the Next Generation of Central Bankers!*

## GEP Modules

These are the modules with an indicative syllabus. The final syllabus will be designed with the selected lecturer.

### Teaching Block 1 (September – December)

#### Monetary Economics I

(dates: 28-30 Sep & 5-7 Oct 2026)

- Central Banks and the financial system
- Mandates, credibility and independence
- Other players in the financial sector
- Monetary policy in practice: From models to real-world policy.
- Expectations and central bank decision-making

#### Financial Stability and Regulation I

(dates: 19-21 & 26-28 Oct 2026)

Interconnectedness of the financial system

- Financial regulation: why and how (Basel Framework, Basel and the EU)
- Sources of systemic risk
- The role of the CB: Lender of last resort, micro- vs macroprudential regulation
- Crisis management and resolution
- Emerging risks and challenges (shadow banking, climate-related risks, FinTech)

#### Central Banking: History, Institutional and Legal Framework

(dates: 9-11 & 16-18 Nov 2026)

- Origins and evolution of central banking (gold standard era, lessons from the Great Depression).
- Central Bank independence (instrument independence, goal independence), accountability and transparency
- European monetary integration (Evolution from European Monetary System to EMU, Treaties of Maastricht and Lisbon, single currency, single monetary policy)
- The Euro System, the ESCB, ECB's legal status
- Legal basis for supervision and regulation.

#### Data Analysis and Econometrics

(dates: 23-25, 30 Nov & 1-2 Dec 2026)

- Data sources and collection, traditional data vs non-traditional/big data.
- Basics of Bayesian methods.
- Introduction to machine learning.
- Programming tools: introduction to Python and/or R for data manipulation and statistical computing. Focus on practical data handling.

## Teaching Block 2 (January-April)

### International Economics and Finance

(dates: 11-13 & 18-20 Jan 2027)

- Exchange rates.
- Global financial flows.
- International economic spillovers.
- International Institutions: role of IMF, BIS, in promoting global monetary and financial cooperation.

### Topics in Central Banking

(dates: 1-3 & 8-10 Feb 2027)

This module aims to provide participants with the opportunity to engage with contemporary issues in central banking, drawing on the expertise of practitioners and current research. The content is designed to remain flexible, adapting to developments in the global economy, financial markets, and central bank practice.

### Monetary Economics II

(dates: 22-24 Feb & 1-3 Mar 2027)

- Advanced models of monetary policy (e.g., New Keynesian models with frictions, heterogeneous agents).
- Monetary policy at the effective lower bound and unconventional instruments (QE, forward guidance, balance sheet policy).
- The role of expectations and credibility (anchoring, inflation targeting regimes, communication).
- Open-economy monetary economics (exchange rates, international spillovers, monetary autonomy in a global system).
- Monetary policy, asset prices, and financial stability interactions.
- Digital money and implications for monetary transmission.

### Financial Stability & Regulation II

(dates: 1-3 & 8-10 Mar 2027)

- Advanced systemic risk metrics (e.g. CoVaR, SRISK)
- Leading indicators and early warning systems for banking crises and recessions.
- Resolution and crisis management in depth. The Single Resolution Mechanism (SRM).
- The problem of divergent micro-prudential cultures across member states.
- The sovereign-bank nexus: mechanisms in the EMU, regulatory debate.
- European Deposit Insurance Scheme (EDIS), Capital Markets Union (CMU)

### Data Science for Central Banking

(dates: 8-10 & 15-17 Mar 2027)

- New data sources for central banks (from low-frequency data (e.g. GDP, CPI) to high frequency big data sources (e.g. web-scraped prices, satellite data, payment system data) and their use for economic analysis).
- Data science fundamentals for policy analysis (use cases in central banking: credit risk, inflation forecasting, systemic risk detection).
- Machine learning for forecasting and nowcasting.
- Text and sentiment analysis.
- Data ethics, governance and privacy.