

# New bachelor degree specialism: Digital Accounting

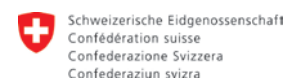
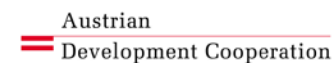
Kyiv National Economic University named after Vadym Hetman (KNEU), Ukraine

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**New Bachelor Degree Education  
Programme Offered by KNEU:  
Digital Accounting**

# PREREQUISITES

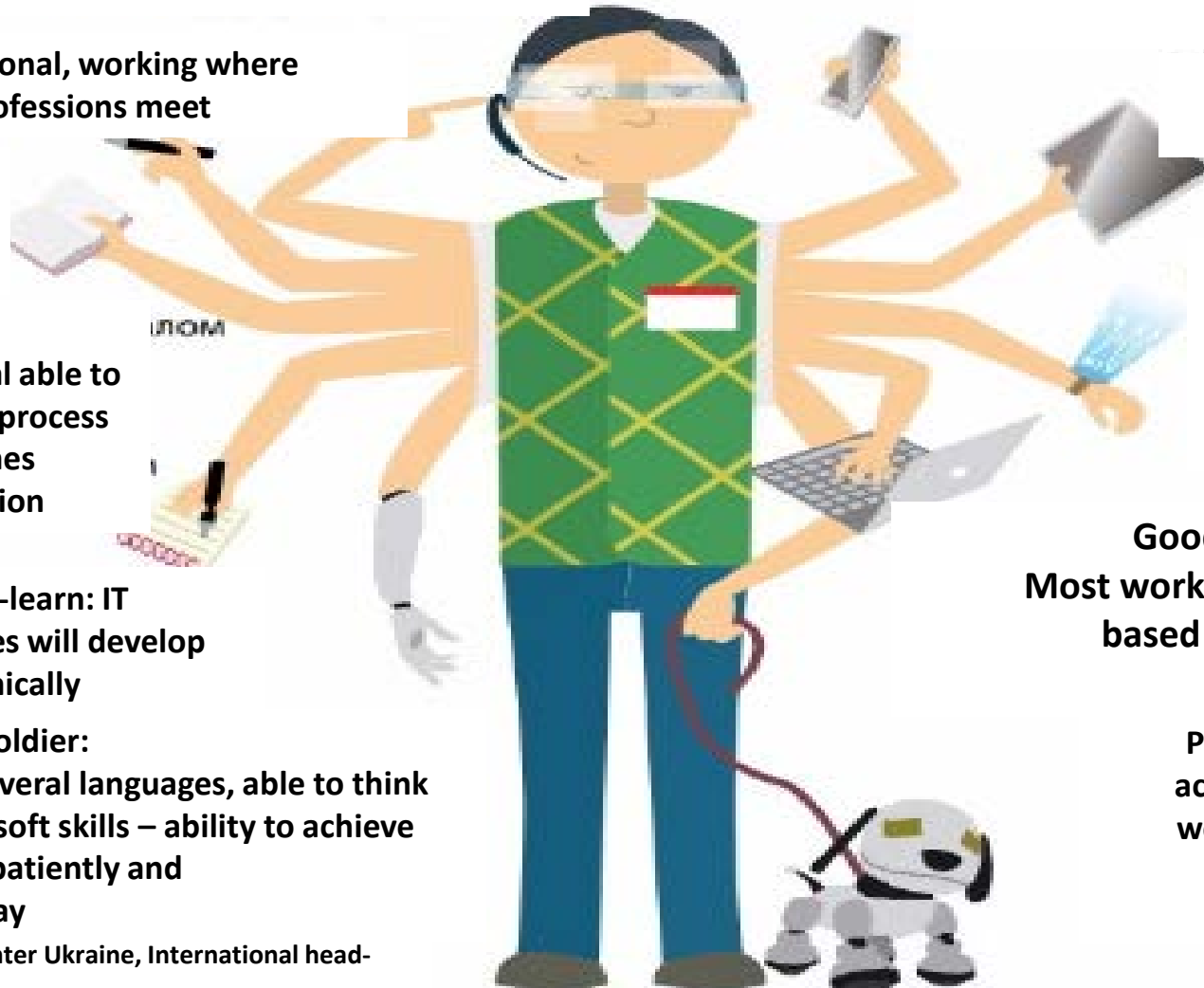


- Emergence of the information society
- Globalisation and digitalisation of economy
- A number of new legislative and regulatory acts:
  - ❖ The Digital Single Market Strategy for Europe (EU)
  - ❖ Digital Agenda - 2020 in Ukraine
  - ❖ Ukraine's Digital Economy and Society Development Concept for 2018-2020 and the action plan for its implementation
- Employer demand for a new generation of professionals with a broad range of competencies and skills in the digital era (The 2018 Global CEO Outlook Survey held by KPMG found that CEOs expect new business growth opportunities created by the digital age)
- Modernised accounting framework ('intelligent accounting') and a changed landscape for the accounting and auditing profession

# PREREQUISITES

## Skills in demand in the future

- 1 Cross-functional, working where different professions meet
- 2 Able to work remotely
- 3 Big data professional able to gather and process huge volumes of information
- 4 Able to self-learn: IT technologies will develop very dynamically
- 5 Universal soldier: knowing several languages, able to think creatively; soft skills – ability to achieve one's goal patiently and in a kind way



Prepared to continuous education throughout one's lifetime

6

Knowing IT basics

7

Prepared to change up to 10 professions in one's lifetime

8

Good at sciences: Most work types will be based on computer technologies

9

Prepared to move across cultures: to work in a different country due to globalisation

10

Source: HeadHunter Ukraine, International head-hunting portal

# OBJECTIVE



**Kyiv National Economic University offers, for the first time in Ukraine, bachelor degree specialised training *Digital Accounting* as part of Specialism 071: *Accounting and Taxes* for Academic Year 2018/2019.**

**Training objective:** To train highly skilled accounting and tax professionals, strengthening the traditional professional accounting and auditing competencies and giving additional opportunity to make use of cutting edge theoretical knowledge and practical skills in the digital economy environment: knowledge of electronic business and IT law; accounting and auditing skills based on digital technologies and cloud infrastructures; intelligent business data analytics and monitored accounting environment programming skills; knowledge of cyber-security basics; ability to create and maintain diverse information resources.

# DIFFERENCES FROM THE BASIC PROGRAMME



➤ **The curriculum includes some new courses:**

Programming of accounting and tax systems;

Integrated information systems in accounting and tax management;

Digital auditing;

Entity reporting in the digital economy environment;

Digital economy;

Intelligent data analytics in accounting and auditing; and some others.

➤ **Advanced practical programming skills and work with application packages of certain ERP systems (IT-Enterprise; Master: Accounting; SaaS Accounting; You Control; Case Ware; etc.).**

# ADVANTAGES FOR PROGRAMME GRADUATES



- » **Certification** as applied package solution users in the university after hands-on training by the application developers;
- » Ensuring **synergism of diverse competencies and skills** (programmer, accountant, analyst and auditor skills mastered by one professional);
- » High **competitiveness** at the labour market and **high demand for digital accounting and auditing professionals**;
- » (In addition to traditional positions), these graduates can be employed in the **new positions** of a digital manager, digital analyst, accountant-programmer, network accountant, auditor of IT systems (digital auditor), etc.



# ACHIEVEMENTS IN DELIVERING DIGITAL ACCOUNTING EDUCATION



- » **Education programme developed to teach this profession;**
- » **Curriculum developed and approved;**
- » **License obtained from the Ukrainian Ministry of Education and Science;**
- » **Sufficient number of students accepted to this programme in 2018 and taught according to the curriculum;**
- » **Methodology and information support materials are being produced for these new courses;**
- » **Three up-to-date IT laboratories opened in 2018 (as innovation centres for automated accounting and auditing) with cutting edge hardware and software;**
- » **Cooperation agreements concluded with software development companies and hands-on trainers involved in the teaching process;**
- » **Interest demonstrated by some other Ukrainian universities to study the experience gained by KNEU.**













## ADDITIONAL INFORMATION

» Additional details concerning the specifics of bachelor degree training in **Digital Accounting** can be found on KNEU website at:

[https://kneu.edu.ua/en/depts8/k\\_audytu/bakalavr\\_eng/](https://kneu.edu.ua/en/depts8/k_audytu/bakalavr_eng/)



**Thank you!**

**Questions?**