

# The educational program "ESPORTS AND GAME DEVELOPMENT"

Training in the educational program will allow you to gain knowledge and skills in esports analytics and decision making, system analysis, software engineering, setting up gaming computer equipment, client-server and streaming technologies, database design and administration, application and data protection, audiovisual technologies, game design, 3D-modelling, work with popular game engines, object-oriented programming, software creation and development of computer games, web and mobile applications.

## SKILLS YOU WILL DEVELOP AT UNIVERSITY



### IT skills

Programming languages, program testing, computer game development, web programming, mobile application programming, program and data protection, game design, databases, 3D-modelling, operating systems, and data mining.

### Management skills

IT project management, communication, teamwork, self-organization, decision-making.

### Analytical skills

Work with customer requirements, research skills, creativity, marketing of computer games, formation of process development scenarios, information literacy.


## CAREER OPPORTUNITIES


Computer games developer  
Information technology analyst  
Software developer  
Software developer and tester  
Project manager  
Software engineer


Computer application  
engineer  
Application programmer  
Database programmer  
Database administrator  
System administrator

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Become  
a qualified specialist  
in the gaming  
industry and eSports

Speciality 121  
SOFTWARE ENGINEERING

The educational program

**ESPORTS AND GAME  
DEVELOPMENT**



**ECONOMIC CYBERNETICS DEPARTMENT**

Academic and Research Institute of Business,  
Economics and Management

Sumy State University

