



TANDEM-UA-DE

Teaching and **A**dmistration **N**etwork for **D**ouble
Degree **E**ducation and **M**obility – **U**kraïne and **G**ermany

Establishing a Sustainable German-Ukrainian Academic Network



Bundesministerium
für Forschung, Technologie
und Raumfahrt



Deutscher Akademischer Austauschdienst
German Academic Exchange Service

- The **TANDEM-UA-DE** project creates a transformative **partnership between Ostbayerische Technische Hochschule Amberg-Weiden and six Ukrainian universities** for lasting, impactful cooperation in the preparation of specialists in digital technology and management.

Ukrainian partner universities:

- National University “Zaporizhzhia Polytechnic”,
- National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”,
- Odesa State Agrarian University,
- Kyiv National University of Construction and Architecture,
- Volodymyr Vynnychenko Central Ukrainian State University,
- Lutsk National Technical University.

The Double Degree Programme and joint teaching courses

- The **TANDEM-UA-DE** project stands for the development of an interdisciplinary **B.Sc. Double (parallel) degree programme and joint teaching courses** based on **Digital Technology and Management (DTM)** programme of **OTH AW**.
- **Digital Technology and Management** programme integrates core modules from management and IoT, giving students access to cutting-edge digital education.
- **OTH Amberg-Weiden leads the project** with expertise in Digital Technology and Management, providing both structure and innovation for this landmark initiative.
- Previous success of the **DILLUGIS** project makes a strong foundation for this new initiative.

Format of cooperation

Existing accredited degree programme; several modules had been offered through DILLUGIS Ukraine digital initiative

Closest cooperation with Double Degree Programm; modules are also open for enrollment by other students as certificate

not part of the double degree yet, but offering courses as certificate courses

			K PI	NU ZP	VNU		CUSU	KNUBA	OSAU
Semester	OTH AW	German language	responsibilities of partner universities to develop new modules (draft version)						
1	all existing DTM modules offered on-site	first A1 online course by Ukr lect	new hybrid DTM Module 1	new hybrid DTM Module 2	new hybrid DTM Module 3		new hybrid DTM Module 4	new hybrid DTM Module 5	
2	all existing DTM modules plus mobility for summer school in Ukraine/online	first A2.1 online by Ukr lect	new hybrid DTM Module 6	new hybrid DTM Module 7	new hybrid DTM Module 8	joint summer school / teaching week		new hybrid DTM Module 9	new hybrid DTM Module 10
3	all existing DTM modules offered on-site	first A2.2 online by Ukr lect	new hybrid DTM Module 11	new hybrid DTM Module 11	new hybrid DTM Module 11		new hybrid DTM Module 11		new hybrid DTM Module 15
4	all existing DTM modules plus mobility for summer school in Ukraine/online	first B1.1 online by Ukr lect	new hybrid DTM Module 16	new hybrid DTM Module 16	new hybrid DTM Module 16	joint summer school / teaching week	new hybrid DTM Module 16	new hybrid DTM Module 20	
Certificate of international interdisciplinary study									
summer break		B1.2 by Ukr lect	September intensive German classes on-site in Germany for selected DD Mobility students (partly scholarship, partly voluntary)						
5	All DTM modules of higher semesters on-site or hybrid	B2.1 by OTH lect	Regular classes at OTH AW for selected students (partly scholarship, partly self financed)						
6	All DTM modules of higher semesters on-site or hybrid	B2.2 evening class by OTH lecturer	Internship in German companies (partly scholarship, partly self-financed)						
7	Specialization modules and thesis at home university or partner (by choice of student)								
	Double Degree								

20 joint teaching modules and optional summer schools for specialised electives.

Project planning

	2025	2026		2027		2028		2029
	II (WiSe)	I (SuSe)	II (WiSe)	I (SuSe)	II (WiSe)	I (SuSe)	II (WiSe)	I (SuSe)
Preparation								
Trial cohort DD (approx. 3 students from each partner)	Online (modules also open to non-DD students)				Offline	Offline Internship	By choice of student	
1 st cohort DD (approx. 4 students from each partner)			Online (modules also open to non-DD students)				Offline	Offline Internship
2 nd cohort Double Degree					Online			
Sustainable implementation							Online	

- **Semester breakdown:**
 - **First 4 semesters:** online and hybrid courses accessible to all students.
 - **5th and 6th semesters:** in-person studies in Germany followed by internships in German companies, strengthening the cross-border collaboration and ensuring career readiness.
- Professors from partner universities, under the mentorship of OTH professors, **co-create modules**, resulting in exchange learning and development.
- A **dual-lecturer system** ensures knowledge continuity, collaboration, and diversity in course delivery, with one university leading each mandatory module one semester.

- **Strengthening institutional capacity:**
 - Training for **administrative staff** of Ukrainian universities in international cooperation, academic mobility management, and digital tools.
 - Creating **innovative administrative procedures** to ensure smooth project execution and long-term institutional success.
- **Building sustainable capacity:**
 - providing strategic sessions and training for coordinators and administrators to strengthen internal processes and help manage future educational exchanges.

Project outcomes in numbers

- **600+ students** will gain **interdisciplinary skills**
- **18+ students** will be enrolled on bachelor's **double degree program**
- **40+ lecturers** will enhance their expertise in **digital technology and management**
- **215+ participants** from Ukrainian universities will have **improved their competences in managing** academic mobility and international cooperation
- **3 new administrative procedures** to support academic mobility and integrate Ukrainian students into the German educational system
- Sustainable **alumni network** for career development and cross-border collaboration

Sustainability and long-term success

- **Strategic cooperation**

Strengthening long-term and institutional ties between OTH Amberg-Weiden and 6 Ukrainian universities.

- **Resilience and sustainability**

Digital platforms for learning and knowledge exchange will sustain the project's impact long after its formal conclusion.

- **Intercultural exchange**

German, international and Ukrainian students cooperative learning brings diversity and expertise to all partner universities, building bridges for future collaborations

- **Industry collaboration**

German companies gain access to a skilled workforce trained in German and Ukrainian standards.

- **Quality education:**

Blended learning and interdisciplinary modules raise educational standards in both countries.

- **Supporting Ukrainian reforms:**

Aligns with Ukrainian educational reforms and enhances EU integration.

- **Supporting post-war recovery:**

Prepares a future-ready skilled professionals for Ukraine's reconstruction.

Contributes to modernization of Ukraine's economy and education system.



TANDEM-UA-DE represents not just an academic programme but a long-term partnership that will help shape the future of **education** and **innovation** in both Germany and Ukraine.

Thank you for your commitment and support!

Coordinators from Ukrainian universities

- **National University "Zaporizhzhia Polytechnic":**
 - Coordinator – **Dr. Andrii Kuts**
 - Head of the programme – **Prof. Dr. Nadiia Shmygol**
- **NTUU "Igor Sikorsky Kyiv Polytechnic Institute":**
 - Head of the working group, Project coordinator – **Dr. Yana Tsymbalenko**
 - Coordinator - **Prof. Dr. Maryna Kravchenko**
 - Head of the programme – **Prof. Dr. Kateryna Boyarynova**
- **Lutsk National Technical University**
 - Coordinator – **Prof. Dr. Nataliia Pavlikha**
 - Head of the programme – **Prof. Dr. Iryna Tsymbaliuk**
- **Kyiv National University of Construction and Architecture**
 - Coordinator – **Prof. Dr. Olena Verenych**
- **Volodymyr Vynnychenko Central Ukrainian State University**
 - Coordinator – **Prof. Dr. Oleksander Levchenko**
- **Odesa State Agrarian University**
 - Coordinator – **Prof. Dr. Tetiana Neboha**

Next steps

- 31 July, 15.00 (Ukrainian time) – Meeting with TANDEM-UA-DE Project manager and OTH-AW professors
- Each 2 weeks – working meetings with coordinators, heads of the programs
- 15 August – selecting of Ukrainian professors for courses/modules of 1st semester
- 1st september – creating of project pages in websites of partner universities
- 1st semester – comparing course lists and modules
- 20 September - development of 1st stage of new joint teaching courses
- 25 September – choosing and enrollment the students on courses
- 2nd semester – summer school
- 1st year – comparison and adjustment of the curriculum, agreements preparation