

Services for teaching, research and co-innovation

SAP University Alliances is a global program that provides more than 3,000 universities with free SAP software licenses for academic purposes. Within this program the SAP University Competence Centers (UCC) host SAP solutions for teaching, research and co-innovation.

In addition UCCs develop and manage academic teaching materials to assist lecturers and researchers. While UCCs assure 24/7 availability of complex system landscapes and support users closely, faculty members can fully concentrate on their core competences: teaching and research.

By using our scenario-based and practical curricula on latest SAP solutions, lecturers and students can reach their full potential. Our comprehensive teaching materials consist of presentations, case studies and hands-on exercises. Additional teaching tools facilitate continuous student assessments and foster group discussions.

Our experts can support you through all phases.

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PILOT

WatsonX.ai

Teaching and Learning Environment
SAP UCC

Also available:

- Global Bike Go
- IoT
- HANA
- Development
- TS410
- S/4HANA
- SAC
- IBP
- ERPsim
- Global Bike
- Configuration
- I4.0
- BW/4HANA
- Signavio

Machine Learning, Generative AI and Data Platform WatsonX.ai

With WatsonX.ai, IBM offers a cloud platform that provides a broad spectrum of technologies in data management, ML and generative AI. This includes Jupyter notebooks, IBM SPSS Modeler, R Studio GenAI prompt Lab and many more. As a cloud platform, all services run in the browser only and can easily be integrated into a lecture (no tool installation needed).

Teach how to develop and use ML and GenAI models in the cloud. Different SAP systems, such as SAP S4/HANA, can be integrated as data sources to integrate business data (based on Global Bike or ERPSim). The curriculum will be designed for computer science, information systems and economics students focusing on data analytics. The curriculum will be offered in smaller modules with different technical levels (no-code, low-code, pro-code) to be used flexibly depending on the learning objective.

Development Environment

The curriculum is based on IBM WatsonX.ai. No additional tools are necessary.

Training

Training as an introduction to WatsonX will be offered both for the pilot phase and in future for lecturers in general.

Content

The curriculum is subdivided into four stages. In the first stage (planned for testing in the summer semester of 2025), only WatsonX.ai is available. The various curriculum offerings by WatsonX.ai, like Jupyter notebooks, IBM SPSS Modeler, Rstudio, GenAI Prompt Lab. In the second stage onwards, different SAP services will be integrated into WatsonX, starting with the SAP HANA database and ERPSim. The integration of S/4HANA is planned in the third stage.

WatsonX + BTP + S/4 HANA

WatsonX + S/4 HANA

WatsonX + SAP HANA / ERPSim

WatsonX

Call for Participation

We are looking for lecturers who already teach data analytics / ML or AI or plan to do so. During the test phase, you will receive free access to the WatsonX platform, which you can use for teaching. In the test phase, we would like to collect feedback on ideas for curriculum development or problems with WatsonX so that we can take these into account for the future.

Furthermore, you can participate in developing the curricula and actively shape the future development.

We would be pleased if you are interested. The test phase starts in the summer semester 2025; if you are interested / have questions about participation, please contact support@ucc.tum.de or via the support portal (UCC Munich) at any time.