

BIM TRAINING AND EDUCATION

BEXEL EDUCATION CENTER

Over the past 15 years BEXEL Consulting has been working on developing and accepting new knowledge and skills, facilitating digital transformation of construction sector and leading the innovation in the digital construction management. In order to maximally contribute to the implementation of BIM technology in the work processes of the Client and individuals, BEXEL Education Center has been established combining theoretical knowledge with practical know-how.

BEXEL Consulting have developed a unique integrated BIM project management platform, BEXEL Manager, offering a full specter of 3D/4D/5D/6D BIM analyses, that is used in 55 countries worldwide. At the moment it is used for managing projects with total value exceeding 90 billion USD. Its innovative, integrated and intelligent, 4D/5D construction planning and management engine has won the most prestigious buildingSMART Innovation Award 2020.

BEXEL Manager captures invaluable datasets based on advanced technologies intended to make the project proceed to completion smoothly and fast, allowing project managers to impose high productivity through optimized planning and precise monitoring of the actual project execution.

BEXEL Consulting is a multinational member of buildingSMART International. BEXEL connect with BIM professionals as a certified buildingSMART educational center.

BEXEL's trainings are interactive, where discussions with attendants are open and the most diverse subject of BIM uses are clarified to achieve useful knowledge.

Trainer-led programs are completely organized through online video conference lectures learning units – LU (equal to 45 minutes of classroom teaching) or learning minutes – LM.

BEXEL EDUCATION CENTER PROGRAM



BASIC BIM MANAGEMENT COURSE



- Format: trainer-led online course
- Level: basic
- Duration: 16 LU / 12 hours, 2 days

You will get extensive BIM knowledge and competence in information management over the entire project life cycle. Education and certification according to a recognised global learning framework. This education program is buildingSMART certified and it is intended for all industry professionals.



IMPLEMENTATION, STANDARDIZATION AND BIM USAGE

- Format: trainer-led online course
- Level: professional
- Duration: 18 LU/ 14 hours, 3 days

Learn about BIM, it's advantages and benefits, find out more about BIM standardization and construction management with BIM according to ISO 19650. Strategically implement BIM in your workflows and improve your project with advanced analysis in an integrated BIM environment. This education program is intended for all industry professionals.



BEXEL MANAGER TRAINING PROGRAM

- Format: trainer-led online course
- Level: beginner to advanced
- Duration: multiple options

Learn about digital construction management, basic and advanced analysis within integrated BIM environment. Optimize digital workflows and take advantage of advanced open BIM technologies. Contact us to find out more about the training content options, duration and level of expertise.

BASIC BIM MANAGEMENT COURSE

BEXEL Educational Center organizes Basic BIM Management professional training aligned with buildingSMART Professional Certification Program and is certified within buildingSMART Switzerland.

Training topics:

- Defining BIM. BIM benefits;
- BIM management according to international standards;
- OpenBIM (industry foundation classes, mvds, bcf);
- BIM requirements for different project stakeholders. BIM execution plan (BEP);
- Respond to information requirements. BIM data quality control and IDM / IDS explained;
- Organizational BIM implementation benefits & challenges;
- Common data environment according to ISO 19650 series;
- Reporting and analytics in BIM environment;
- Asset management and BIM. The future of BIM;
- Conclusions and preparation for the certification exam.

IMPLEMENTATION, STANDARDIZATION AND BIM USAGE

This education program provides insight to BIM technology, explains the reasons for BIM implementation and benefits it provides to the various projects. Through this course you will learn more about the possibilities that open BIM environment provides and the advantages of integrated BIM approach using advanced functionalities of BEXEL Manager BIM platform.

Training topics:

- Digitization of the construction industry (basic concepts, advantages and implementation strategy);
- BIM processes with practical examples;
- Digital Construction Management through integrated BIM approach;
- Key analyses in BIM environment. International BIM standardization. Open BIM environment;
- Basic engineering analyses within BEXEL Manager BIM platform;
- Advanced engineering analyses within BEXEL Manager BIM platform.

BEXEL MANAGER TRAINING PROGRAM

This education program provides insight to BIM technology, explains the reasons for BIM implementation and benefits it provides to the various construction projects.

The education program is focused on BEXEL Manager BIM Platform which integrates the most important 3D, 4D, 5D, and 6D BIM uses within one software platform. Thanks to the integrated platform solution, BEXEL Manager allows faster and full implementation of BIM processes and technology on projects.

Training topics:

- Digitization of the construction industry (basic concepts, advantages and implementation strategy);
- Basic engineering analyses within BEXEL Manager BIM platform
- Advanced engineering analyses within BEXEL Manager BIM platform;
- Automated Data Management, BIM Quality Checks, Clash Detection & Quantity takeoff;
- Advanced 4D/5D - 5D Cost Management, Intelligent Scheduling & analysis;
- Integrated 4D/5D BIM approach;
- Project Management BIM reporting;
- 6D BIM integration and FM planning.