Course Catalog

BIOVIA Legacy Products

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Written by: Christine COUSIN

Learning Experience | Course Catalog

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Learning Experience for BIOVIA Discoverant - VNXCB-OC

BIOVIA Discoverant - Discoverant Exploration	
Course Code	BIO-en-BDDE-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	1 hours
Course Material	English
Level	Fundamental
Audience	Process Scientist, Production Statistician, Manufacturing Operations
Description	This course introduces students to the various aspects of BIOVIA Discoverant by defining the terminology, interacting with the environment, and exploring job roles associated with each component in the BIOVIA Discoverant suite of products.
Objectives	• Identify barriers to successful data aggregation and analysis in the life science industry - • Identify and describe relationships among the BIOVIA Discoverant suite of products to produce a software solution that improves process understanding - • Identify and define the terminology, environment, and capabilities associated with each component in the BIOVIA Discoverant suite of products
Prerequisites	None
Available Online	Yes

BIOVIA Discoverant - Hierarchy Maitenance	
Course Code	BIO-en-BDHM-A-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	1.83 hours
Course Material	English
Level	Advanced
Audience	Process Scientist, Production Statistician, Manufacturing Operations
Description	This course enables BIOVIA Discoverant administrators and those first learning to create hierarchies to provide support for the most common hierarchy changes. This includes the addition of new nodes and parameters based on existing view structures, updates or additions to conditions, and how to create Hierarchy-Derived Parameters. Key Words: Continued Process Verification, Bioprocess Intelligence, biomanufacturing, process monitoring, bioreactors, biologics
Objectives	• Provide an understandable BIOVIA Discoverant overview - • Add a parameters from a template - • Create and add parameters to a hierarchy - • Create nodes to affect parameters - • Create a Hierarchy-Derived Parameter (HDP) - • Test hierarchy changes
Prerequisites	Companion for Discoverant - Observational User
Available Online	Yes

BIOVIA Discoverant - HVU Data Entry	
Course Code	BIO-en-BDHDE-A-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	0.83 hours
Course Material	English
Level	Advanced
Audience	Process Scientist, Production Statistician, Manufacturing Operations
Description	The focus for the HVU Data Entry course is on how to enter parameter data for a published hierarchy. Key Words: Continued Process Verification, Bioprocess Intelligence, biomanufacturing, process monitoring, bioreactors, biologics
Objectives	• Access HVU Data Entry - • Identify data entry best practices - • Manually enter Parameter Set Names and data for discrete, continuous, and replicate parameters - • Upload data from a tab-delimited data source
Prerequisites	Companion for Discoverant - Observational User
Available Online	Yes

BIOVIA Discoverant - HVU Test Execution	
Course Code	BIO-en-BDHTE-A-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	0.75 hours
Course Material	English
Level	Advanced
Audience	Process Scientist, Production Statistician, Manufacturing Operations
Description	The focus of the HVU Test Execution course is on how to use the Hierarchy Verification Utility (HVU) to publish hierarchies, execute tests, and view test results within Hierarchy Manager. Key Words: Continued Process Verification, Bioprocess Intelligence, biomanufacturing, process monitoring, bioreactors, biologics
Objectives	• Access Hierarchy Manager - • Publish a hierarchy for use with HVU - • Execute HVU for testing a new configuration and for regression testing - • View and evaluate test results
Prerequisites	Companion for Discoverant - Observational User
Available Online	Yes

BIOVIA Discoverant - PRIMR Data Entry	
Course Code	BIO-en-BDPD-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	0.92 hours
Course Material	English
Level	Fundamental
Audience	Process Scientist, Production Statistician, Manufacturing Operations
Description	Targeted to BIOVIA PRIMR users with a data entry role who have a basic familiarity with browsers, this course walks students through how to enter data from paper records into the BIOVIA PRIMR data entry tool for use in BIOVIA Discoverant. Key Words: Continued Process Verification, Bioprocess Intelligence, biomanufacturing, process monitoring, bioreactors, biologics
Objectives	• Create a new data entry Book from Book Templates - • Create new data entry Pages for a Book - • Enter data into online forms - • Correct and reject data entry forms - • Generate productivity and accuracy reports - • Import XML data
Prerequisites	None
Available Online	Yes

BIOVIA Discoverant - Visualizing and Monitoring Data	
Course Code	BIO-en-BDVM-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	0.83 hours
Course Material	English
Level	Fundamental
Audience	Process Scientist, Production Statistician, Manufacturing Operations
Description	This course addresses the process of designing and creating graphical displays of data in BIOVIA Discoverant as an integral step in transforming raw data into useful information for decision making. Key Words: Continued Process Verification, Bioprocess Intelligence, biomanufacturing, process monitoring, bioreactors, biologics
Objectives	• Aggregate data from multiple source systems into a single usable dataset that is understandable to the end user - • View and modify raw data in a table - • Visualize data for a variety of different use cases - • Monitor data to detect trends in a manufacturing process
Prerequisites	None
Available Online	Yes

Learning Experience for BIOVIA Laboratory Informatics - CLICB-OC

Author Methods Using BIOVIA Compose	
Course Code	BIO-en-BCCM-F-V39R2025
Available Releases	BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025
Duration	2.42 hours
Course Material	English
Level	Fundamental
Audience	General Users
Description	In this course, you will learn how to create and manage stepwise procedures, also known as recipes, using BIOVIA Compose, a component of BIOVIA ONE Lab. You will learn how to list materials and equipment to use in the recipe; define the process tree that describes the procedure flow;add details to each process step, including instructions, parameters for data collection, and equipment and materials used in that step; and assign signature requirements for procedure execution. You will also learn how to publish procedures as activities within BIOVIA ONE Lab and manage the process and recipe libraries in Compose.
Objectives	1. View recipes in the Compose library. - 2. Create recipes from scratch and from existing recipes. - 3. Build recipes with required information. - 4. Optimize the flow of recipes during execution. - 5. Publish recipes as activities to distribute to other users. - 6. Manage the various components of Compose.
Prerequisites	None
Available Online	Yes

BIOVIA CISPro - Managing Inventory	
Course Code	BIO-en-BCPMI-F-V39R2026
Available Releases	BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	1.83 hours
Course Material	English
Level	Fundamental
Audience	
Description	In this course, you will learn to search for materials and containers in onsite inventory. You will learn to create new materials, receive inventory and manage existing materials. Finally, you will learn to display views and generate reports. No prior experience with BIOVIA CISPro is necessary.
Objectives	In this course, you will learn to search for materials and containers in onsite inventory. You will learn to create new materials, receive inventory and manage existing materials. Finally, you will learn to display views and generate reports.
Prerequisites	No prerequisites
Available Online	Yes

Managing Laboratory Activities Using BIOVIA Task Plan	
Course Code	BIO-en-BTPS-F-V39R2026
Available Releases	BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	3 hours
Course Material	English
Level	Fundamental
Audience	
Description	The Task Planner interface provides a centralized view of a task plan that groups the plan's components under tabs (Materials, Samples, Tasks, Results, and Activity Results) and that provides buttons to execute tasks, reassign tasks, create review tasks, requesting re-testing, and so on. The data on these tabs and the actions available vary based on the content of the task plan, the status of the task plan, the status of its tasks, your access rights for the task plan, and your permissions for the actions. Users will learn these tools throughout various training modules.
Objectives	Manage Samples - View Sample Information - Manage Task Plan - Execute Tasks - View Task Information - Examine Results - Access Widgets
Prerequisites	
Available Online	Yes

Learning Experience for BIOVIA Notebook Video Series - NBUVCB-OC

BIOVIA Notebook Exploration	
Course Code	BIO-en-BNE-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	1.17 hours
Course Material	English
Level	Fundamental
Audience	Scientist
Description	In this course, new users of BIOVIA Notebook will learn how to view existing experiments and create new experiments. Additionally, users will learn how to add content to experiments in various formats and share their experiments with other authors for collaboration. Finally, users will learn how to submit their experiments to disable further editing and how to co-sign experiments that have been sent to them for their review.
Objectives	Filter experiment lists and view an experiment in detail. - Find experiments that match specific criteria. - Create experiments from a template and from previous experiments. - Populate experiments with information in various formats. - Open experiments for multiple-author modifications. - Configure BIOVIA Notebook to optimize data entry. - Submit experiments for review and review submitted experiments.
Prerequisites	
Available Online	Yes

Learning Experience for BIOVIA Pipeline Pilot - IPSCB-OC

BIOVIA Pipeline Pilot - Administration	
Course Code	BIO-en-BPPA-A-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	0.67 hours
Course Material	English
Level	Advanced
Audience	Data Scientist
Description	Instruction on using the Pipeline Pilot Administration Portal, a collection of online tools for system administrators who need to manage servers and clients. Those taking this course should be administrators or have permission to alter administrative settings. Key Words: Data Science, Machine Learning, ETL, Data Pipelining, Data Pipelines, Data Analysis, Data Cleaning, Data Processing, Data Analytics, Dataflow, Data flow, Artificial Intelligence, AI
Objectives	• Exploring the Administration Portal - • Managing Security Settings - • Setting up and Searching the XMLDB Catalog - • Defining and Administering Databases
Prerequisites	Companion for Pipeline Pilot - User Training Fundamentals
Available Online	Yes

BIOVIA Pipeline Pilot - Analytics and Machine Learning	
Course Code	BIO-en-BPAM-A-V39R2026
Available Releases	BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	2.83 hours
Course Material	English
Level	Advanced
Audience	
Description	In this course, users of BIOVIA Pipeline Pilot will learn how to use and apply Machine Learning and Analytics collection to perform the tasks involved in different phases of Data Analytics. Course participants will learn to characterize their data variables, clean the data, build analytics models and make necessary prediction from the models. Additionally, learners will apply several machine learning algorithms and validation methods implemented in BIOVIA Pipeline Pilot. Key Words: Data Science, Machine Learning, ETL, Data Pipelining, Data Pipelines, Data Analysis, Data Cleaning, Data Processing, Data Analytics, Dataflow, Data flow, Artificial Intelligence, AI
Objectives	Learn to characterize data variables, clean the data, build analytics models and make necessary prediction from the models. Apply several machine learning algorithms and validation methods implemented in BIOVIA Pipeline Pilot.
Prerequisites	Prior experience with Pipeline Pilot is necessary; Pipeline Pilot Fundamentals and PilotScript are recommended.

BIOVIA Pipeline Pilot - Analytics and Machine Learning	
Available Online	Yes

BIOVIA Pipeline Pilot - ChemInformatics	
Course Code	BIO-en-BPPC-A-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	3.42 hours
Course Material	English
Level	Advanced
Audience	Data Scientist
Description	This curriculum focuses on Pipeline Pilot's Chemistry collection and how to utilize these tools to deploy Pipeline Pilot in a chemistry setting. Students will learn to use components to perform compound processing and cheminformatics research and analysis. Key Words: Data Science, Machine Learning, ETL, Data Pipelining, Data Pipelines, Data Analysis, Data Cleaning, Data Processing, Data Analytics, Dataflow, Data flow, Artificial Intelligence, AI
Objectives	• Exploring the Chemistry Collection - • Reviewing Common Chemistry Manipulators
Prerequisites	Companion for Pipeline Pilot - User Training Fundamentals
Available Online	Yes

BIOVIA Pipeline Pilot - Fundamentals	
Course Code	BIO-en-BPPF-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	3.72 hours
Course Material	English
Level	Fundamental
Audience	Data Scientist
Description	This curriculum familiarizes students with building and utilizing protocols in Pipeline Pilot. Protocols are pipelines of process steps you use to rapidly create, test, and publish scientific services and automate the process of accessing, analyzing, and reporting scientific data. Key Words: Data Science, Machine Learning, ETL, Data Pipelining, Data Pipelines, Data Analysis, Data Cleaning, Data Processing, Data Analytics, Dataflow, Data flow, Artificial Intelligence, AI
Objectives	• Exploring Pipeline Pilot - • Exploring the Layout - • Building a Protocol - • Reviewing the Client-Server Architecture
Prerequisites	None
Available Online	Yes

BIOVIA Pipeline Pilot - Integration	
Course Code	BIO-en-BPPI-A-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	4 hours
Course Material	English
Level	Advanced
Audience	Data Scientist
Description	Instruction on how to use key components in the Integration collection. These components allow users to extend the functionality of Pipeline Pilot Server (PPS) by integrating third-party data and computational services on the Pipeline Pilot server. Those taking this course should have an understanding of databases, scripting languages, web services, and advanced protocol building skills. Key Words: Data Science, Machine Learning, ETL, Data Pipelining, Data Pipelines, Data Analysis, Data Cleaning, Data Processing, Data Analytics, Dataflow, Data flow, Artificial Intelligence, AI
Objectives	• Reading Data Stored in an External Database into a Protocol - • Running Program Command Lines on the Server - • Executing Basic Language Commands on the Server - • Reading Data from Web Services into a Protocol
Prerequisites	Companion for Pipeline Pilot - User Training Fundamentals
Available Online	Yes

BIOVIA Pipeline Pilot - PilotScript	
Course Code	BIO-en-BPPP-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	1.67 hours
Course Material	English
Level	Fundamental
Audience	Data Scientist
Description	This curriculum focuses on PilotScript -- Pipeline Pilot's functional expression language used to design custom components. You will design components that filter and manipulate data, access data record properties and variables, and debug protocols. Key Words: Data Science, Machine Learning, ETL, Data Pipelining, Data Pipelines, Data Analysis, Data Cleaning, Data Processing, Data Analytics, Dataflow, Data flow, Artificial Intelligence, AI
Objectives	• Exploring PilotScript - • Reviewing Scripting Basics - • Utilizing the Expression Editor
Prerequisites	None
Available Online	Yes

BIOVIA Pipeline Pilot - Reporting	
Course Code	BIO-en-BPPR-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	3.75 hours
Course Material	English
Level	Fundamental
Audience	Data Scientist
Description	This curriculum focuses on the reporting components available in the Reporting and Visualization folder on the Components tab of Pipeline Pilot. You can apply the concepts presented in this curriculum to other Pipeline Pilot reporting collections. Key Words: Data Science, Machine Learning, ETL, Data Pipelining, Data Pipelines, Data Analysis, Data Cleaning, Data Processing, Data Analytics, Dataflow, Data flow, Artificial Intelligence, AI
Objectives	• Exploring the Reporting Collection - • Reviewing Reporting Data Structure and Basic Reporting Components
Prerequisites	None
Available Online	Yes

Learning Experience for BIOVIA Workbook - WBKCB-OC

BIOVIA Workbook - Build Forms, Templates, and Tables	
Course Code	BIO-en-BBTT-A-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	1.33 hours
Course Material	English
Level	Advanced
Audience	Scientist
Description	This course is designed for advanced users of the BIOVIA Workbook. Students should be familiar with creating new experiments, adding information to experiments, and checking experiments into versioned repositories. Students develop components that can be made available for everyday users to create their own experiments and add essential information to them. Exercises focus on the creation and management of forms, templates, and tables.
Objectives	• Create and manage property sets - • Design, create, and manage forms - • Create and manage experiment templates - • Create table sections within templates - • Make templates available for use within the Vault - • Insert a table section into an experiment template
Prerequisites	Companion for Workbook Entering Data and Accessing Information
Available Online	Yes

BIOVIA Workbook - Create Experiments and Add Experimental Information	
Course Code	BIO-en-BCE-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	1.58 hours
Course Material	English
Level	Fundamental
Audience	Scientist
Description	Learn how to create a new experiment from a pre-defined template; create a new experiment by copying another experiment; and add, delete, rename, and re-order experimental sections
Objectives	•Create experiments - • Updating experiments and registering changes
Prerequisites	None
Available Online	Yes

BIOVIA Workbook - Search for Experiments and Generate Reports	
Course Code	BIO-en-BEGR-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	0.67 hours
Course Material	English
Level	Fundamental
Audience	Scientist
Description	Find experiments that match specific search criteria, save search queries and results for later use, and combine results from different searches. Learn to create a report from a single and multiple experiments, configure a report with content, display options of your choosing, and export a report as PDF or Word.
Objectives	• Generating reports - • Searching in Workbook
Prerequisites	None
Available Online	Yes

BIOVIA Workbook - Use the Home Page and Experiment Workflow	
Course Code	BIO-en-BHEW-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	0.38 hours
Course Material	English
Level	Fundamental
Audience	Scientist
Description	Access the ELN repository tree, define a default notebook for recording your experiments, define shortcuts to the notebooks you use most often, open an experiment in read-only mode, and arrange the content of an experiment for easy viewing.
Objectives	• Navigating in Workbook - • Updating experiments and registering changes
Prerequisites	None
Available Online	Yes

BIOVIA Workbook - View Experiments	
Course Code	BIO-en-BVE-F-V39R2026
Available Releases	BIOVIA 2018 , BIOVIA 2019 , BIOVIA 2020 , BIOVIA 2021 , BIOVIA 2022 , BIOVIA 2023 , BIOVIA 2024 , BIOVIA 2025 , BIOVIA 2026
Duration	0.42 hours
Course Material	English
Level	Fundamental
Audience	Scientist
Description	In this course, new users of BIOVIA Workbook will learn how to log in to BIOVIA Workbook, navigate to an experiment of interest, and open an experiment to view it in detail. Additionally, users will learn how to customize lists of experiments within a notebook or search results for easy viewing. No prior experience with BIOVIA Workbook is necessary.
Objectives	• Navigating in Workbook - • Recording essential experimental information - • Searching in Workbook
Prerequisites	None
Available Online	Yes


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