

BIOVIA Workbook

Training Course Catalog



3DEXPERIENCE®

BIOVIA Workbook Training Courses

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SUMMARY

We are proud to offer a variety of courses to meet your organization's needs, ranging from navigation basics to advanced technical courses. Customized courses can be designed to meet your organization's specific needs. For more information on customization, please contact your Account Manager.

Delivery Methods:

- **eLearning Videos:** These self-paced, micro-learning videos introduce users to BIOVIA Workbook and are available at any time from a web browser. They are also useful tool when users want a quick reminder of BIOVIA Notebook functionality.
- **Instructor-Led Training:** Facilitated by a BIOVIA certified instructor, this training takes place onsite at your location or through a virtual classroom. These courses offer hands-on exercises to enhance the learning experience.

ELEARNING COURSES

WORKBOOK ENTERING DATA AND ACCESSING INFORMATION

The Entering Data and Accessing Information eLearning video bundle is comprised of four parts, View Experiments, Create Experiments and Add Experimental Information, Search for Experiments and Generate Reports, Use the Home Page and Experiment Workflow.

View Experiments

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.

Topics	Details
<ul style="list-style-type: none">• View Experiments• Customize Experiment Lists	<p>Duration: 1 hour 7 minutes</p> <p>Prerequisites: None</p> <p>Videos:</p> <ul style="list-style-type: none">Log in and Navigate the Notebook ExplorerDefine ShortcutsView and Experiment & Modify Experiment LayoutCustomize Column DisplaySort, Group and Filter Experiments

Create Experiments and Add Experimental Information

In this course, new users of BIOVIA Workbook will learn how to create an experiment from scratch and from an existing experiment to document their research, as well as how to modify the structure of an experiment. Additionally, users will learn how to add content to an experiment in various formats and how to link experiments in BIOVIA Workbook.

Topics	Details
<ul style="list-style-type: none">• Create Experiments• Add Experimental Information• Import Materials• Enter Reaction Data• Create a Sample Preparation• Create a Formulation	<p>Duration: 1 hour 7 minutes</p> <p>Prerequisites: View Experiments</p> <p>Videos:</p> <ul style="list-style-type: none">Create an Experiment from a TemplateClone and ExperimentManage SectionsFill in forms and Enter Table DataEnter Free TextAdd Files and Enter Spreadsheet DataAdd ReferencesImport Materials from DatasourcesImport Materials from Other ExperimentsManage Materials TableDraw Reaction Scheme and Specify MaterialsEnter Material AmountsUser Materials Quick TextDesignate a Multi-Step Synthetic SchemeCreate a PreparationCreate DilutionsCreate a Solid FormulationCreate a Liquid FormulationReplicate and Delete Formulations

Search for Experiments and Generate Reports

In this course, new users of BIOVIA Workbook will learn how to use various search types to find experiments that meet specific criteria, as well as how to save and re-use search queries and search results. Additionally, users will learn how to create a report from an experiment, which they can print or export to a file to have access to experimental information outside of BIOVIA Workbook.

Topics	Details
<ul style="list-style-type: none">• Search for Experiments• Generate Reports	<p>Duration: 21 minutes</p> <p>Prerequisites: View Experiments</p> <p>Videos:</p> <ul style="list-style-type: none">Perform a Standard SearchPerform a Full Text SearchPerform a Properties SearchPerform an Advanced SearchPerform a Chemistry SearchSave a Search Query and Search resultsCreate, Configure, and Export a ReportCreate a Multi-Experiment Report

Use the Home Page and Experiment Workflow

In this course, new users of BIOVIA Workbook will learn how to work with the Home page to access frequently used functionality in the Workbook, such as creating a new experiment or opening experiments they are working on. Additionally, users will learn about the various components that make up an experiment workflow and how they are applied in BIOVIA Workbook.

Topics	Details
<ul style="list-style-type: none">• Work with the Home Page• Use the Experiment Workflow	<p>Duration: 18 minutes</p> <p>Prerequisites: View Experiments; Create Experiments and Add Experimental Information</p> <p>Videos:</p> <ul style="list-style-type: none">Home PageWorkflow ComponentsTransition an ExperimentWitness an Experiment

WORKBOOK BUILDING FORMS, TEMPLATES, AND TABLES

In this course, experienced BIOVIA Workbook users and Workbook administrators will learn to develop components that can be made available for everyday users to create their own experiments and add essential information to them. Users will learn to develop forms, templates, and tables in BIOVIA Workbook.

Topics	Details
<ul style="list-style-type: none">• Create Property Sets• Build Forms• Build Templates• Build Tables	<p>Duration: 34 minutes</p> <p>Prerequisites: Create Experiments and Add Experimental Information; Use the Home Page and Experiment Workflow</p> <p>Videos:</p> <ul style="list-style-type: none">Define a Property SetDefine Property AttributesPreview and Save a Property SetCreate a FormDefine Form and Widget PropertiesPreview and Check in a FormCreate an Experiment TemplateDefine Template and Section PropertiesPreview and Check in a TemplateCreate a Section TemplateBuild Tables

INSTRUCTOR-LED COURSES

ENTERING DATA AND ACCESSING INFORMATION

This course is designed for beginning users of BIOVIA Workbook. The content is based on standard workflows used by research scientists. Exercises focus on entering important experimental data into repositories and accessing experimental information that has been stored in the Workbook.

Topics	Details
<ul style="list-style-type: none">• Navigating in Workbook• Creating experiments• Recording essential experimental information	<p>Duration: ½ – 1 Day</p> <p>Prerequisites: None</p> <p>Location: Onsite or Virtual Classroom</p>

- Updating experiments and registering changes
- Generating reports
- Searching in Workbook

BUILDING FORMS, TEMPLATES, AND TABLES

This course is designed for advanced users of the BIOVIA Workbook. Participants 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.

Topics	Details
<ul style="list-style-type: none"> • Creating and managing property sets • Creating and managing forms • Creating and managing experiment templates • Creating table sections within templates • Making templates available for use within the Workbook 	<p>Duration: 1 Day</p> <p>Prerequisites: Entering Data and Accessing Information</p> <p>Location: Onsite or Virtual Classroom</p>

WORKBOOK ADMINISTRATION

This course is for individuals tasked with the administration of Workbook to provide required user access to BIOVIA Workbook.

Topics	Details
<ul style="list-style-type: none"> • Creating groups and defining group permissions • Creating users and assigning users to groups • Assigning permissions • Creating folders and assigning folder permissions • Creating vocabulary lists • Configuring Lookup Service, Registration, and External Repositories access 	<p>Duration: ½-day</p> <p>Prerequisites: Entering Data and Accessing Information</p> <p>Location: Onsite or Virtual Classroom</p>

APPLICATION DEVELOPMENT AND SCRIPTING

This course is designed for programmers with experience using .NET and/or IronPython. Participants will learn how to extend out-of-the-box capabilities of BIOVIA Workbook. Using the Workbook SDK, participants will learn about Workbook sections, Platform API and Framework API.

Topics	Course Duration and Prerequisites
<ul style="list-style-type: none">• Framework and Vault<ul style="list-style-type: none">– Vault objects– Properties• Workbook Scripting<ul style="list-style-type: none">– Forms, Tables, Materials– Toolbars, Section-level Scripting– Preparations, Text, File Sections• Best Practices• Scripting using .NET assemblies	<p>Duration: 4 days</p> <p>Prerequisites: Experience programming with .NET and/or IronPython; Entering Data and Accessing Information; Building Forms, Templates and Tables</p> <p>Location: Onsite</p>

WORKFLOW DESIGNER

This course teaches participants how to develop workflows using Workflow Designer to define a specific collaboration, review, or approval process for an experiment in BIOVIA Workbook.

Topics	Details
<ul style="list-style-type: none">• Workflow overview• Workflow elements: stages, transitions, actors, and signatures policies• Creating a workflow• Compiling and publishing a workflow• Associating a workflow with experiments• Testing a workflow	<p>Duration: 1 Day</p> <p>Prerequisites: Entering Data and Accessing Information</p> <p>Location: Onsite</p>

