

Reach great heights...



...step by step

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**Definiens Developer  
Basic Training I**

**Definiens Developer  
Basic Training II**

**Definiens Developer  
Advanced Training I**

**Definiens Developer  
Advanced Training II**

# Definiens Academy Life Sciences Program

Become a rule set developer and learn how to analyze images using the unique power of Definiens **Cognition Network Technology**.

Writing rule sets in Definiens **Cognition Network Language** allows you to do

- extremely rapid prototyping and
- fast development of robust solutions.

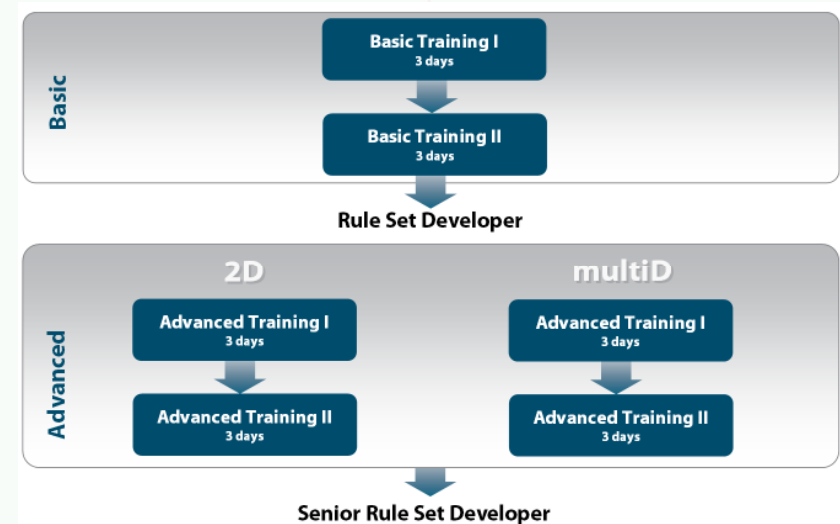
The **Definiens Academy Life Sciences** provides you with a full educational concept for the development of advanced image analyses.

**Definiens Academy Training** will give you the ability to tackle even complex and urging image analysis problems from your daily routine with unprecedented accuracy and depth of quantification.

# Definiens Academy Life Sciences Curriculum

Four training blocks can be booked either as individual units or as a sequence. Definiens recommends an overall timescale between three months and one year. After each course, participants should practice the training content on own image data.

After two subsequent Basic Training classes the curriculum branches into separate Advanced Training tracks for users working on two-dimensional images, such as cell-based assays and tissue analyses, and multidimensional applications, such as radiology, small animal imaging or confocal microscopy, respectively.



# Definiens Academy Training

Definiens offers open training classes at its Munich and Morristown facilities as well as at the customer's site.

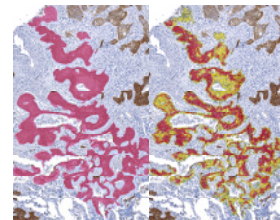
Please visit [www.definiens.com](http://www.definiens.com) for detailed course descriptions and further information on the open training schedules.

## Basic Training I

Introduction to Cognition Network Technology  
Development of first solutions  
Segmentation and classification techniques  
Batch processing in a production environment

## Basic Training II

Image Object Domain concept and PPOs  
Object Reshaping Strategies  
Fuzzy classification, strategies for robustness and autoadaptivity  
Conversion of Developer rule sets into Architect libraries



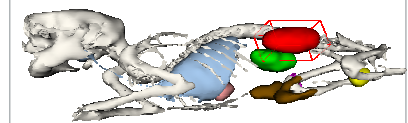
2D

## Advanced Training I

Workspace programming  
Biomarker analysis in IHC  
Segmentation of composite macrostructures

## Advanced Training II

Large dataset handling and performance  
optimization strategies  
Registration



multiD

## Advanced Training I

Handling of 3D image data  
Strategies and techniques for analysis of  
confocal stacks and medical imaging data

## Advanced Training II

Strategies for analysis of 2D and 3D time series  
Anatomical model and context  
Metadata handling

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Understanding Images