Geostatistics is widely recognised in the mining industry today as an essential tool for estimating resources and quantifying resource uncertainty. This course will provide you with a sound understanding of the essential concepts and techniques of mining geostatistics.

Features
- Fundamental geostatistical concepts explained in a clear and concise way
- Demonstrations and examples using Isatis
- Plenty of hands-on exercises with Isatis to reinforce and explore concepts

Who should attend
This course is aimed at geologists, engineers and others seeking a sound theoretical and practical knowledge of mining geostatistics.

Course contents
- An introduction to mining geostatistics: what is geostatistics and why use it?
- The framework for geostatistics
- Geostatistical concepts
- The limitations of classical statistics
- Spatial data analysis: experimental variograms, clouds, maps
- Variogram models
- The theory and properties of kriging
- Kriging in practice
- Multivariate geostatistics
- In situ resource estimation
- Global and local recoverable resource estimation
- Conditional Simulation
- Mini-project: Using geostatistical techniques in an exploration, evaluation or production study

Prerequisites
None. This course is an ideal introduction to mining geostatistics and is complemented by our Best Practices in Isatis course.

On-line registration

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Our company

Geovariances offers a complete set of high quality training programs in mining geostatistics for beginners and experienced users.

Geovariances courses cover basic and advanced Geostatistics and provide participants with plenty of hands-on practice with real mining data.

All courses are led by our highly experienced consultants.

Geovariances offers public courses around the world and throughout the year in English, French and Spanish.

Our consultants also provide in-house training and mentoring focused on your own needs.

Isatis, the geostatistical software solution from Geovariances, is regarded as the reference in mining geostatistics.

Leading mining and consulting companies around the world rely on Geovariances and Isatis for genuine expertise in geostatistics.

Our Trainers

Our trainers have a great experience in geostatistics applied to different fields. They regularly contribute to international industry and academic conferences and journals and have been responsible for the implementation of many significant technical advances over the past 20 years.

Visit our website to find out more on their profile.