Syllabus for Success Plus and Master on SCIEX X500B QTOF system

SCIEX training courses follow the proven spaced learning approach to maximize learning retention. The training process includes a blend of instructor-led training, hands-on laboratory exercises and self-paced eLearning provided at the customer site.

Course goals and outcome

This course is personalized for your workflow on the SCIEX X500B QTOF system and includes the following workflows:

- Metabolomics
- Proteomics

The Success Plus program includes 2.5 onsite training days and is intended for a learner with minimal experience. It is designed to provide the learner with the knowledge necessary to set up the instrument, create LC and MS methods, acquire data for a set of samples, data analysis for the intact biologics analysis and peptide mapping workflows and perform system maintenance.

The Success Master program includes 3.5 onsite training days and is intended for a novice learner with no experience. It is designed to provide the learner with the knowledge necessary to set up the instrument, create LC and MS methods, acquire data for a set of samples, data analysis for the intact biologics analysis and peptide mapping workflows and perform system maintenance.

Table 1 details the topics that will be covered during the Success Plus and Master programs. The topics covered will vary depending on your level of experience and workflow.

Training program overview

Your Success Program training includes the following:

- 3 hours of introductory eLearning courses
- 5 hours (0.5 days) of instructor led and hands-on training provided at your site by a Service trainer
- **Success Plus**: 2 days of instructor led and hands-on training provided at your site by an Applications Support Scientist experienced in your workflow
- **Success Master**: 3 days of instructor led and hands-on training provided at your site by an Applications Support Scientist experienced in your workflow
- Complimentary follow-up virtual session with an Applications Support Scientist
- 9 hours of software and workflow related eLearning courses
- Basic operator workflow certificate upon successful completion of a final knowledge assessment
- Access to SCIEX Now Learning Hub database of >100 eLearning courses
- Access to SCIEX Now online support tools available for up to 3 Learners

Table 1: General topics covered during training

Topics covered	Success Plus program (2.5 total onsite days)	Success Master program (3.5 total onsite days)
Number of hands-on training days	0.5 days with Service trainer 2 days with Applications Support Scientist	0.5 days with Service trainer 3 days with Applications Support Scientist
Fundamentals	Sample preparation theory	LC-MS theory Basics of method development Sample preparation theory
Software overview	Overview of different modules	Overview of different modules
Instrument optimization	Tune and calibrate the instrument	Tune and calibrate the instrument
Acquisition method creation	Create a TOF MS method Create an IDA method Create a SWATH acquisition method Create LC methods	Create a TOF MS method Create an IDA method Create a SWATH acquisition method Create LC methods
Data acquisition	Create a sample batch Sample submission Queue management	Create a sample batch Sample submission Queue management
Explorer workspace	View acquired data	View acquired data
Data processing	Analyze intact data Analyze peptide mapping data	Analyze intact data Analyze peptide mapping data
Maintenance and troubleshooting	System maintenance LC and MS troubleshooting Best practices for LC-MS	System maintenance LC and MS troubleshooting Best practices for LC-MS

NOTE: The topics covered will vary depending on the learner's level of experience and their workflow

Headquarters
250 Forest Street, Marlborough,
MA 01752 USA
Phone 508-383-7700
sciex.com

International Sales
For our office locations please call the division headquarters or refer to our website at
sciex.com/offices