

Syllabus for Success Plus and Master MD on SCIEX Triple Quad and QTRAP systems

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 Triple Quad and QTRAP systems and includes the following workflows:

- Clinical diagnostics quantitation
- Clinical diagnostics screening

The Success Plus MD 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 basic and advanced LC-MS/MS methods, acquire data for a set of samples, perform quantitation, and carry out instrument maintenance.

The Success Master MD 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, optimize compound and source parameters to create basic and advanced LC-MS/MS methods, acquire data for a set of samples, perform quantitation, and carry out instrument maintenance.

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

Training program overview

Your Success Program training includes the following:

- 2.5 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 MD:** 2 days of instructor led and hands-on training provided at your site by an Applications Support Scientist experienced in your workflow
- **Success Master MD:** 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
- 7 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 Success Plus and Master MD program

Topics covered during training	Success Plus MD program [2.5 total onsite days]	Success Master MD 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	Quantitation basics using LC-MS Sample preparation theory	Quantitation basics using LC-MS 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
Compound optimization	Not covered	Perform automated and manual compound optimization
Acquisition method	Create MRM and sMRM methods Create multi-experiment methods Create LC methods Using a diverter valve	Create MRM and sMRM methods Create multi-experiment methods Create LC methods Using a diverter valve
Source/gas optimization	Not covered	Optimal probe and electrode settings Perform FIA optimization Perform source optimization
Data acquisition	Create a sample batch Sample submission Queue management	Create a sample batch Sample submission Queue management
Viewing data	View acquired data	View acquired data
Quantitation	Process MRM and EPI data Modify an existing method	Process MRM and EPI data Modify an existing method
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

The SCIEX clinical diagnostic portfolio is For In Vitro Diagnostic Use. Rx Only. Product[s] not available in all countries. For information on availability, please contact your local sales representative or refer to <https://sciex.com/diagnostics>. All other products are For Research Use Only. Not for use in Diagnostic Procedures.

Trademarks and/or registered trademarks mentioned herein, including associated logos, are the property of AB Sciex Pte. Ltd. or their respective owners in the United States and/or certain other countries [see www.sciex.com/trademarks].

© 2025 DH Tech. Dev. Pte. Ltd. MKT-35401-A