

Agenda for 3 day transition to SCIEX OS for SCIEX Triple Quad and QTRAP systems virtual

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 exercises and self-paced eLearning provided in a virtual format.

Course goals and outcome

This course is intended for learners who are experienced with the operation of SCIEX LC-MS/MS systems. This program is currently offered on all SCIEX Triple Quad and QTRAP systems that support acquisition using SCIEX OS.

This training is a mixture of synchronous and asynchronous training delivered over 3 days. Daily video conferencing sessions will be conducted by an instructor to explain and demonstrate each topic. Exercises and data files are provided to allow you to practice the principles demonstrated during the instructor-led sessions at a later time at your own pace.

Upon completion of the course, you should be comfortable with creating and optimizing SCIEX OS acquisition methods, performing data acquisition and quantitative data processing, and maintaining and troubleshooting your system.

This course offers a workflow certificate upon completion of a final knowledge assessment.

Course agenda

DAY 1: 3 hours

- **Lecture:** Hardware overview
- **Lab exercise:** SCIEX OS overview for triple quad and QTRAP
- **Lab exercise:** Instrument tuning and calibration
- **Lecture:** MS methods in SCIEX OS

DAY 2: 4 hours

- Knowledge review and discussion
- **Lab exercise:** ESI compound optimization using SCIEX OS

- **Lab exercise:** ESI source and gas optimization using SCIEX OS
- **Lecture:** Auto processing, decision rules and method conversion
- **Lab exercise:** Batch acquisition using SCIEX OS

DAY 3: 2 hours

- Knowledge review and discussion
- **Lab exercise:** Processing MRM data in SCIEX OS
- **Demonstration:** MS maintenance

*Timings are approximate and may vary

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