

Syllabus for 4 day introduction to Triple Quad 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 training course is an introductory mass spectrometry class designed for new users who are working on small molecule quantitation through MRM or Scheduled MRM acquisition using all SCIEX triple quadrupole systems.

Upon completing the course, you should be comfortable with performing instrument tuning and calibration, optimizing compound and source parameters, creating MRM and Scheduled MRM methods, performing data acquisition and quantitative processing, and maintaining your instrument.

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

This training is a mixture of synchronous and asynchronous training delivered over 4 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.

Training program overview

Your training includes the following:

- 16 hours of virtual instruction delivered over 4 days by an experienced Applications Support Scientist
- Related self-paced eLearning courses, reference material and lab exercises
- Workflow certificate upon successful completion of final exam and permanent access to all course materials for reference
- Access to SCIEX Now Learning Hub database of >100 eLearning courses
- Access to SCIEX Now online support tools
- P.A.C.E.[®] Continuing Education Credits

Instructor-led training topics

- Mass spectrometry fundamentals
- Software overview
- Mass spectrometry scan types
- Instrument tuning and calibration
- MS/MS scan types
- ESI compound optimization
- ESI source and gas optimization
- Acquisition method and batch setup
- Quantitation basics and data processing
- MS maintenance

P.A.C.E.[®] certification

SCIEX is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.[®] Program. Learners interested in obtaining a P.A.C.E.[®] certificate and P.A.C.E.[®] accreditation for taking this course (equal to 14 credits) must attend all four days and complete a brief evaluation survey.

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Headquarters
500 Old Connecticut Path | Framingham, MA 01701 USA
Phone 508-383-7700
sciex.com

International Sales
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