

Anthias Consulting Ltd are experts in the analytical science fields of **Gas Chromatography** (GC, GCxGC), **Liquid Chromatography** (HPLC, UHPLC, LCxLC, SFC, IC, SEC), Mass Spectrometry (GC-MS, LC-MS, ICP-MS, SFC-MS, incl. MS/MS), **Molecular Spectroscopy** (FTIR, NIR, UV-Vis), **Elemental Analysis** (AAS, AES, ICP-OES, CHNS), **Molecular Imaging** (MSI, DESI-MS, MALDI-TOF, IMS-MS, DART-MS), **Surface Analysis** (SEM, XRF, XAS), **Structural Analysis** (XRD), **Particle Size Analysis** (LDA), **Water Content Analysis** (KF), **Thermal Analysis** (DSC, TGA, EGA), **Statistical Analysis** (Chemometrics, Metabolomics), **Method Validation** & many more related techniques & methods.

Courses	Day*	Price†	Jul	Aug	Sept	Oct	Nov	Dec
Gas Chromatography (GC) & GC-MS (Mass Spectrometry) training courses								
Absolute Basics GC & GC-MS	1	£385	12				15	
Absolute Basics of Deconvolution	1	£385			20			
Complete GC & GC-MS	5	£1,675			9			
Practical Essentials of GC & GC-MS	3	£1,100			9			
The GC & GC-MS Clinic	2	£750			12			
Applied Interpretation of GC-MS Mass Spectra	3	£1,375			23			
Hands-on GC & GC-MS	5	£2,850	15				25	
Hands-on Gas Sustainability & Health Check	1	£650			30			
Hands-on Splitters & Backflushing	1	£650				1		
Hands-on Heart-cutting	1	£650				2		
Practical Essentials of Advanced Injection for GC & GC-MS	1	£385					11	
Gas Chromatography (GC) & GC-MS (Mass Spectrometry) training courses continued								
Hands-on Advanced Injection for GC & GCMS	2	£1,250					13	
Multi-Mode Inlets (MMIs) & Programmable Temperature Vapourisers (PTVs)	1	£650					13	
Large Volume Injection (LVI)	1	£650					14	
Comprehensive GC Software (Shimadzu GC LabSolutions)	2	£1,050						2
Comprehensive GC-MS (Thermo SQMS with Chromeleon)	4	£1,990					19	
Comprehensive GC-MS (Agilent SQMS with MassHunter)	5	£2,425					4	
Comprehensive GC-MS Advanced (Agilent QQQMS with MassHunter)	1	£550	9					
High-Performance Liquid Chromatography (HPLC) & LC-MS (Mass Spectrometry) training courses								
Absolute Basics of HPLC & LC-MS	1	£385	12			4		
Absolute Basics of Ion Chromatography (IC)	1	£385			6			
Absolute Basics of Size Exclusion Chromatography (SEC)	1	£385				25		
Absolute Basics of Supercritical Fluid Chromatography (SFC) & SFC-MS	1	£385						6
Complete HPLC & LC-MS	5	£1,675	15				18	
Practical Essentials of HPLC & LC-MS	3	£1,100	15				18	
The HPLC & LC-MS Clinic	2	£750	18				21	
Hands-on HPLC & LC-MS	5	£2,850				7		
Applied UHPLC	1	£485			3			
Applied Interpretation of LC-MS Mass Spectra	3	£1,375						2
Comprehensive LC (Shimadzu with LabSolution)	2	£1,050			24			
Comprehensive LC-MS Software (Agilent MassHunter for SQMS)	3	£1,550			16			
Inductively-Coupled Plasma (ICP) training courses								
Absolute Basics of Elemental Analysis	1	£385			30			
Applied ICP-OES (Optical Emission Spectroscopy)	1	£485	22					
Applied ICP-MS	1	£485			9			
Comprehensive ICP-MS Software (Agilent MassHunter for SQMS)	2	£1,050				21		

Courses	Day*	Price†	Jul	Aug	Sept	Oct	Nov	Dec
Spectroscopy								
Applied FTIR (Fourier Transform InfraRed)	1	£485		13				
Hands-on FTIR	2	£1,250		15				
Hands-on UV-Vis	1	£650		14				
Sample Preparation								
Practical Essential of Liquid-liquid extraction	3.25h*	£195						16
Hands-on:						15		
Liquid-Liquid Extraction (LLE)						15		16
Derivatisation						16		16
Solid-Phase Extraction (SPE)						17		17
Solid-Phase Micro-Extraction (SPME)	1	£650				18		17
Headspace (HS)						21		18
Purge-and-Trap (P&T)						22		18
Thermal Desorption (TD)						23		19
Pyrolysis (Py)						24		19
Statistical Analysis training courses								
Absolute Basics of Metabolomics	1	£385		12				
Absolute Basics of Chemometrics	1	£385					12	
Analytical Methods training courses								
Applied Method Validation	1	£485	2					
Applied Extractables & Leachables (E&L) Methods	1	£485				14		
Applied Stability Indicating Methods (SIM)	1	£485						13
Techniques for Determination of Physical & Structural Properties of Molecules training courses								
Module 1: Absolute Basics of Karl Fischer (KF)	2h*	£120				16		
Module 2: Absolute Basics of Thermal Gravimetric Analysis (TGA)	1.5h*	£90				16		
Module 3: Absolute Basics of Differential Scanning Calorimetry (DSC)	3.5h*	£210				16		
Module 4: Absolute Basics of Laser Diffraction Analysis (LDA)	2h*	£120				17		
Module 5: Absolute Basics of Powder X-ray Diffraction (PXRD)	4.5h*	£270				17		
Module 6: Absolute Basics of Mass Spectrometry Imaging (MSI)	1	£385				18		
Mass Spectrometry training courses								
Absolute Basics of Matrix-Assisted Laser Desorption/Ionisation Time-of-Flight (MALDI-TOF)	1	£385						9
Absolute Basics of Mass Spectrometry Imaging (MSI)	1	£385				18		
Applied Interpretation of GC-MS Mass Spectra	3	£1,375			23			
Applied Interpretation of LC-MS Mass Spectra	3	£1,375						2
Comprehensive Deconvolution Software (NIST AMDIS)	2	£1050	4					

Course approval

The majority of our training courses have been approved by the Royal Society of Chemistry (RSC) for continuing professional development (CPD) under their training course approval scheme.

Virtual training

Our live virtual classroom courses offer a fully interactive experience, with the presentation, HD video feed of the trainer and Q&A box all in one view. Through tools and drawing controls, attendees can interact with the trainer and ask live questions at any time, either using microphone or chat box.

Face-to-face training

Our classroom-based courses make use of 'props' (instrument parts and consumables) for you to handle alongside questions, tasks, case studies or demonstrations throughout the courses and we endeavour to include a lab tour where possible.

Hands-on training

Our "hands-on" courses all have 50% of the time spent in the laboratory using the instrumentation. A maximum of 5 delegates ensures the needs of every individual are met through focused support.



APPROVED
TRAINING



*Hours reference virtual (online) courses. †All prices quoted are excluding VAT.
Note: Where courses cover multiple days, the date shown is the first day of the course.

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