

# GC/LC/MS Training Courses 2008/2009

## Europe & Middle East



Amoeba Sciences Ltd



Anthias Consulting Ltd  
Bridging the Gap

Smart • Affordable • Accessible • Instrument-Independent

- Strong practical focus, packed full of non-textbook tips!
- Instrument-independent training for all levels
- Easy to follow course manual & use of props
- Training given in comfort at Universities, Innovation Centres & Trade Shows
- Courses held in locations where budget airlines fly to
- Cheap accommodation rates available for course attendees
- All courses presented in native English with lots of visuals
- Courses presented by independent GC/LC/MS application & product specialists
- Includes free lunches and refreshments
- Discounts available for early bird and group bookings

2008	Courses	Location	Price
29 Sep-1 Oct	Practical Essentials of GC	Liverpool UK	€795 plus 19% VAT
2-3 Oct	The GC Clinic	Liverpool UK	€575 plus 19% VAT
29 Sep-3 Oct	Complete GC	Liverpool UK	€1275 plus 19% VAT
7 Oct	GCxGC Hands-On	Eindhoven NL	€325 plus 19% VAT
20-22 Oct	Practical Essentials of GC	Barcelona E	€795 plus 19% VAT
23-24 Oct	The GC Clinic	Barcelona E	€575 plus 19% VAT
20-24 Oct	Complete GC	Barcelona E	€1275 plus 19%VAT
10 Nov	GCxGC Hands-On	Manchester UK	€325 plus 19% VAT
11 Nov	Absolute Basics of GC	Manchester UK	€295 plus 19% VAT
12 Nov	GC, LC & MS for Research	Manchester UK	€295 plus 19% VAT
17-19 Nov	Practical Essentials of GC	Dublin Ire	€795 plus 19% VAT
20-21 Nov	The GC Clinic	Dublin Ire	€575 plus 19% VAT
17-21 Nov	Complete GC	Dublin Ire	€1275 plus 19% VAT
2 Dec	Absolute Basics of GC	Reading UK	€295 plus 19% VAT
3 Dec	GC, LC & MS for Research	Reading UK	€295 plus 19% VAT
4 Dec	GCxGC Hands-On	Reading UK	€325 plus 19% VAT
<b>2009</b>			
8 Jan	GCxGC Hands-On	Dubai UAE	US\$895 plus 19% VAT
11 Jan	Absolute Basics of GC	Dubai UAE	US\$895 plus 19% VAT
13-15 Jan	Practical Essentials of GC	Dubai UAE	US\$2500 plus 19% VAT
23-25 Feb	Practical Essentials of GC	Budapest H	€795 plus 19% VAT
26-27 Feb	The GC Clinic	Budapest H	€575 plus 19% VAT
23-27 Feb	Complete GC	Budapest H	€1275 plus 19% VAT
11 Mar	Absolute Basics of GC	Brussels B	€295 plus 19% VAT
12 Mar	GC, LC & MS for Research	Brussels B	€295 plus 19% VAT
13 Mar	GCxGC Hands-On	Brussels B	€325 plus 19%VAT

25-26Mar	Practical Essentials of GC for sales & service	Manchester UK	€575 plus 19% VAT
5 May	GCxGC Hands-On	Oslo N	€325 plus 19% VAT
11-13 May	Practical Essentials of GC	Frankfurt D	€795 plus 19% VAT
14-15 May	The GC Clinic	Frankfurt D	€575 plus 19% VAT
11-15 May	Complete GC	Frankfurt D	€1275 plus 19% VAT
2 June	GCxGC Hands-On	Munich D	€325 plus 19% VAT
22-24 June	Practical Essentials of GC	Kracow PL	€795 plus 19% VAT
25-26 June	The GC Clinic	Kracow PL	€575 plus 19% VAT
22-26 June	Complete GC	Kracow PL	€1275 plus 19% VAT
29 June	Absolute Basics of LC	Dresden D	€295 plus 19% VAT
30 June	GC, LC & MS for Research	Dresden D	€295 plus 19% VAT
1 July	GCxGC Hands-On	Dresden D	€325 plus 19% VAT
8 Sep	Absolute Basics of GC	Innsbruck A	€295 plus 19% VAT
9 Sep	GC, LC & MS for Research	Innsbruck A	€295 plus 19% VAT
10 Sep	GCxGC Hands-On	Innsbruck A	€325 plus 19% VAT
14-16 Sep	Practical Essentials of GC	Pisa I	€795 plus 19% VAT
17-18 Sep	The GC Clinic	Pisa I	€575 plus 19% VAT
14-18 Sep	Complete GC	Pisa I	€1275 plus 19% VAT
Oct (TBC)	Practical Essentials of GC	Utrecht NL	€795 plus 19% VAT
Oct (TBC)	The GC Clinic	Utrecht NL	€575 plus 19% VAT
Oct (TBC)	Complete GC	Utrecht NL	€1275 plus 19% VAT
30 Oct	GCxGC Hands-On	Prague Cz	€325 plus 19% VAT
2-4 Nov	Practical Essentials of GC	Prague Cz	€795 plus 19% VAT
5-6 Nov	The GC Clinic	Prague Cz	€575 plus 19% VAT
2-6 Nov	Complete GC	Prague Cz	€1275 plus 19% VAT
27 Nov	GCxGC Hands-On	Nice F	€325 plus 19% VAT
30 Nov-2 Dec	Practical Essentials of GC	Nice F	€795 plus 19% VAT
3-4 Dec	The GC Clinic	Nice F	€575 plus 19% VAT
30 Nov-4 Dec	Complete GC	Nice F	€1275 plus 19% VAT

### SPECIAL OFFERS (please see full terms and conditions below)

- **Early Bird OFFER:** Book at least **4 weeks** in advance and receive 5% discount for any 2, 3 or 5 day course (valid for up to 6 analysts)
- **Early Bird OFFER:** Book at least **8 weeks** in advance and receive 10% discount for any 2, 3 or 5 day course (valid for up to 6 analysts)
- **Early Bird OFFER:** Book at least **12 weeks** in advance and receive 15% discount for any 2, 3 or 5 day course (valid for up to 6 analysts)
- **Student Card OFFER:** Discount of 10% for any course taken by a student (valid student ID card required) if booked at least 4 weeks in advance. LC, GC & MS for Research courses are excluded.
- **Combo Deal OFFER:** Additional discount of 5% for multiple courses booked per analyst (not valid for combinations of 2 and 3 day courses).
- **Group Discount OFFER:** 4 for the price of 3. Valid for the 5-day Complete GC Course if booked at least 4 weeks in advance.

## Which Course?

**3-day Practical Essentials of GC - Consider if you have < 2 years GC experience or need some refresher course.**

- Gases & plumbing
- Sample Introduction: Inlets
- On-column injection
- Split/Splitless injection
- Large volume injection
- Analytical Columns
- Detectors: FID, TCD, ECD etc.
- MSD: Quadrupole, Ion trap, TOF, MS/MS, Triple quadrupole, Magnetic sector
- Sampling: thermal desorption, pyrolysis, headspace, purge & trap, solid-phase extraction, SPME, LLE etc
- Data analysis
- Good Management of an analytical laboratory & your suppliers, smart laboratory design & purchasing instrumentation
- Qualitative
- Quantitative
- Semi-quantitative
- Chemometrics
- Calibration
- Internal & external standards
- Library searching

**2-day The GC Clinic - Consider if you have > 2 years GC experience or already have completed the 3-day Practical Essentials of GC.**

- Method Development & Optimisation
- Selective discrimination
- Fast GC: speeding up analysis
- Deconvolution
- Multi-dimensional GC
- Troubleshooting & Maintenance: from septa to liners to pumps & detectors to MSD tuning and contamination

**5-day The Complete GC Course - Consider if you are a GC user but have never had any formal GC training, and have a chance at attending only 1 GC course.**

Comprises the 3-day Practical Essentials of GC and the 2-day GC Clinic courses. Placed back to back, analysts can attend both courses at once, or alternatively, learn the basics, go away and implement them and come back at a later point for the 2-day GC Clinic course.

**1-day GC, LC & MS for Research - for all levels of MSc, PhD, Postdoc & Research Technicians.**

Focuses on how to produce quality analytical data: with respect to the experimental approach, how to write publications, a good thesis & pass the viva. This course aims to help students justify their experimental approaches, to get on target, and to produce “forensic-style” evidence that will enable them to defend their analytical work to a high standard.

**1-day Absolute Basics of GC - for absolute beginners to GC.** The What? Where? When and How? Of GC. Analysts also looking to use LC may benefit from attending the 1-day absolute basics of LC.

**1-day Absolute Basics of LC - for absolute beginners to LC.** The What? Where? When and How? Of LC. Analysts also looking to use GC may benefit from attending the 1-day absolute basics of GC.

**1-day GCxGC Hands-On** - practical tips, theory & GC Image software navigation course. Analysts benefit from the hands-on nature of this course. Since the power of GCxGC is in the software, this course is performed in conjunction with Zoex Europe, who provide laptops and licensed software for delegates.

## A simple 1-step booking process!

Reserve a course by completing the attached booking form/questionnaire or by downloading a booking form at: [www.amoebasciences.eu](http://www.amoebasciences.eu) or [www.anthias.co.uk](http://www.anthias.co.uk). Alternatively make a booking through the attached electronic booking form. Email the booking form directly to [mbarnes@amoebasciences.eu](mailto:mbarnes@amoebasciences.eu). After making a booking, you will be sent a receipt of your course booking and a pre-course questionnaire. Instructions on course venues, cheap hotel rates, airlines and course venue directions will then follow later by email.

### Applicable Terms and Conditions

1. All courses and material will be presented in native English language using high visual content. If language problems arise, we will do all we can to support analysts. However, we cannot provide alternative language or translation services.
2. All course attendees are requested to complete a pre-course questionnaire in order to ascertain their level of knowledge. Contact will be made by the course instructor in case of any concerns prior to the course. A minimum of 10 attendees will be required for a course to proceed; a maximum of 25 analysts will be accommodated on any course at any one time.
3. Discounts: Offers cannot be combined, except where stated.
4. Discount of 5% applies for any 2, 3 or 5 day course (valid for up to 6 analysts) if booked at least 4 weeks in advance.
5. Discount of 10% applies for any 2, 3 or 5 day course (valid for up to 6 analysts) if booked at least 8 weeks in advance.
6. Discount of 15% applies for any 2, 3 or 5 day course (valid for up to 6 analysts) if booked at least 12 weeks in advance.
7. Student Card OFFER: Discount of 10% for any course taken by a student (valid student card required) if booked at least 4 weeks in advance. LC-MS and GC-MS for Research courses are excluded.
8. Combo Deal OFFER: Additional discount of 5% for multiple courses booked per analyst (not valid for combinations of 2 and 3 day courses).
9. Group Discount OFFER: 4 for the price of 3. Valid for the 5-day Complete GC Course if booked at least 4 weeks in advance.
10. All payment for courses must be received in advance of attendance of the course. Offers are made as specified.
11. Anthias Consulting and Amoeba Sciences are not responsible for flights or hotel bookings or their cancellation policies. Course attendees therefore book flights and hotels at their own risk.
12. Course cancellation will incur a penalty of a deductible amount per person: -50% up to 8 weeks before the course; -75% up to 4 weeks before the course; -100% up to 2 weeks before the course. Under exceptional circumstances, an alternative course may be offered without incurring any penalty.
13. Anthias Consulting Ltd and Amoeba Sciences Ltd reserve the right to cancel a course with a full refund of course fees, or provision of an acceptable alternative course, due to under subscription or other unforeseeable circumstances without incurring any due penalty. Course attendees are to be notified at least 2 weeks in advance by email of any changes to the course schedule for which they have registered. Anthias Consulting Ltd and Amoeba Sciences Ltd will not however be liable for any costs incurred by airlines or hotels as a result of any changes., or any implication of assignments at work for which training is required.
14. Delegates and their companies are responsible for ensuring they have adequate travel permits and visas for course attendance. Neither Amoeba Sciences nor Anthias Consulting can take any responsibility either prior to, or upon arrival in the country of the course, for delegates who have not obtained adequate papers, or who have been wrongly informed by other persons. This includes course cancellation fees, airfares, hotels, and any applicable fines, return airfares, or fees for access to lawyers etc.
15. Delegates and their companies are responsible for ensuring they have adequate insurances for their course attendance. This includes both travel insurance for any delays, lost luggage and adequate medical cover. Please note that despite E111 forms supposedly being accepted in European countries, many medical establishments in Europe require proof of insurance policy. In many cases, patients are still required to pay upfront costs, which they can then reclaim back later from their insurer.
16. Delegates are not permitted to bring samples onto the courses. Carrying of samples requires enormous amount of paperwork and analytical data that has to be pre-authenticated by airlines. Further, due to recent security procedures, it will only arise in delays. Additionally, there are no storage facilities or waste disposal systems available for such samples at the course facilities. We advise delegates to bring in their existing chromatograms for discussion instead (where appropriate, according to the course), although Anthias Consulting and Amoeba Sciences can not promise to answer delegate's problems relating to their individual areas of work.

**Support contact [mbarnes@amoebasciences.eu](mailto:mbarnes@amoebasciences.eu) with any questions you may have about our courses.**