

2014 Training Course Dates (by date order)

PRICES: All prices quoted are excluding VAT.

VENUES: OU - The Open University, Milton Keynes, UK

TBC - Venue to be confirmed

JANUARY 2014

20 th - 24 th	5-day Complete GC & GC-MS	OU	£990
20 th - 22 nd	3-day Practical Essentials of GC & GC-MS	OU	£595
23 rd - 24 th	2-day The GC & GC-MS Clinic	OU	£400
20 th	1-day Gases & Plumbing and Sample Introduction in GC & GC-MS	OU	£220
21 st	1-day GC Columns, GC Detectors (including MSD) & Data Analysis	OU	£220
22 nd	1-day Sampling Techniques for GC & GC-MS	OU	£220
23 rd	1-day GC & GC-MS Method Development and Advanced Techniques	OU	£220
24 th	1-day GC & GC-MS Troubleshooting & Maintenance	OU	£220
28 th - 29 th	2-day Hands-on Advanced Injection	OU	£800
28 th	1-day Hands-on Programmable Temperature Vapourisers (PTV)	OU	£450
29 th	1-day Hands-on Large Volume Injection (LVI)	OU	£450
30 th	1-day Carrier Gas Flow Management (Agilent CFT)	OU	£450

FEBRUARY 2014

10 th - 13 th	4-day Comprehensive GC Training (Agilent 7890 GC)	OU	£1,200
17 th	1-day Basics of Deconvolution (AMDIS)	OU	£220
24 th - 28 th	5-day Complete GC & GC-MS	TBC	£990

MARCH 2014

10 th - 14 th	5-day Complete Hands-on GC & GC-MS	OU	£1,550
10 th - 11 th	2-day Hands-on GC & Maintenance	OU	£800
12 th - 13 th	2-day Hands-on (GC)-MS & Maintenance	OU	£800
10 th , 11 th , 14 th	3-day Hands-on GC, Maintenance and GC(-MS) Troubleshooting	OU	£1,100
12 th -14 th	3-day Hands-on GC-MS, Maintenance and Troubleshooting	OU	£1,100
10 th	1-day Hands-on GC Theory and Methods	OU	£450
11 th	1-day Hands-on GC Maintenance	OU	£450
12 th	1-day Hands-on GC-MS Theory and Methods	OU	£450
13 th	1-day Hands-on GC-MS Maintenance	OU	£450
14 th	1-day Hands-on GC & GC-MS Troubleshooting	OU	£450
24 th	1-day Absolute Basics of GC & GC-MS	TBC	£120
25 th - 27 th	3-day Mass Spectral Interpretation	OU	£595
28 th	1-day Automated Deconvolution and Reporting (Agilent DRS)	OU	£400



APRIL 2014

7 th - 11 th	5-day Complete GC & GC-MS	Hoddesdon	£990
7 th - 9 th	3-day Practical Essentials of GC & GC-MS	Hoddesdon	£595
10 th - 11 th	2-day The GC & GC-MS Clinic	Hoddesdon	£400
7 th	1-day Gases & Plumbing and Sample Introduction in GC & GC-MS	Hoddesdon	£220
8 th	1-day GC Columns, GC Detectors (including MSD) & Data Analysis	Hoddesdon	£220
9 th	1-day Sampling Techniques for GC & GC-MS	Hoddesdon	£220
10 th	1-day GC & GC-MS Method Development and Advanced Techniques	Hoddesdon	£220
11 th	1-day GC & GC-MS Troubleshooting & Maintenance	Hoddesdon	£220
28 th	1-day Introduction to Heart-cutting (Agilent Deans Switch)	OU	£450
29 th - 30 th	2-day Hands-on GCxGC Operator	OU	£800

MAY 2014

1 st - 2 nd	2-day GCxGC Data Handling (Zoex GCImage)	OU	£800
12 th - 15 th	4-day Comprehensive GC-MS Training (Agilent 5975 MS)	OU	£1,200
19 th - 22 nd	4-day Hands-on Sample Preparation	OU	£1,350
19 th	1-day Hands-on Headspace	OU	£450
20 th	1-day Hands-on Solid Phase Micro Extraction (SPME)	OU	£450
21 st	1-day Hands-on Thermal Desorption	OU	£450
22 nd	1-day Hands-on Pyrolysis	OU	£450
	2-day Hands-on Sample Preparation - Selecting any two of the above		£800
	3-day Hands-on Sample Preparation - Selecting any three of the above		£1,100

JUNE 2014

9 th - 13 th	5-day Complete Hands-on GC & GC-MS	OU	£1,550
9 th - 10 th	2-day Hands-on GC & Maintenance	OU	£800
11 th - 12 th	2-day Hands-on (GC)-MS & Maintenance	OU	£800
9 th , 10 th + 13 th	3-day Hands-on GC, Maintenance and GC(-MS) Troubleshooting	OU	£1,100
$11^{th} - 13^{th}$	3-day Hands-on GC-MS, Maintenance and Troubleshooting	OU	£1,100
9 th	1-day Hands-on GC Theory and Methods	OU	£450
10 th	1-day Hands-on GC Maintenance	OU	£450
11 th	1-day Hands-on GC-MS Theory and Methods	OU	£450
12 th	1-day Hands-on GC-MS Maintenance	OU	£450
13 th	1-day Hands-on GC & GC-MS Troubleshooting	OU	£450
17 th	1-day Absolute Basics of GC & GC-MS	TBC	£120
18 th - 19 th	2-day Applied Deconvolution (AMDIS)	OU	£595



JULY 2014

8 th - 9 th	2-day Hands-on Advanced Injection	OU	£800
8 th	1-day Hands-on Programmable Temperature Vapourisers (PTV)	OU	£450
9 th	1-day Hands-on Large Volume Injection (LVI)	OU	£450
10 th	1-day Carrier Gas Flow Management (Agilent CFT)	OU	£450
14 th - 18 th	5-day Complete GC & GC-MS	TBC	£990
14 th - 16 th	3-day Practical Essentials of GC & GC-MS	TBC	£595
17 th - 18 th	2-day The GC & GC-MS Clinic	TBC	£400
14 th	1-day Gases & Plumbing and Sample Introduction in GC & GC-MS	TBC	£220
15 th	1-day GC Columns, GC Detectors (including MSD) & Data Analysis	TBC	£220
16 th	1-day Sampling Techniques for GC & GC-MS	TBC	£220
17 th	1-day GC & GC-MS Method Development and Advanced Techniques	TBC	£220
18 th	1-day GC & GC-MS Troubleshooting & Maintenance	TBC	£220

AUGUST 2014

4 th - 7 th	4-day Comprehensive GC Training (Agilent 7890 GC)	OU	£1,200
8 th	1-day Basics of Deconvolution (AMDIS)	OU	£220
18 th - 22 nd	5-day Complete GC & GC-MS	TBC	£990

SEPTEMBER 2014

5 th	1-day Absolute Basics of GC & GC-MS	OU	£120
8 th - 12 th	5-day Complete Hands-on GC & GC-MS	OU	£1,550
8 th - 9 th	2-day Hands-on GC & Maintenance	OU	£800
10 th - 11 th	2-day Hands-on (GC)-MS & Maintenance	OU	£800
8 th , 9 th + 12 th	3-day Hands-on GC, Maintenance and GC(-MS) Troubleshooting	OU	£1,100
10 th - 12 th	3-day Hands-on GC-MS, Maintenance and Troubleshooting	OU	£1,100
8 th	1-day Hands-on GC Theory and Methods	OU	£450
9 th	1-day Hands-on GC Maintenance	OU	£450
10 th	1-day Hands-on GC-MS Theory and Methods	OU	£450
11 th	1-day Hands-on GC-MS Maintenance	OU	£450
12 th	1-day Hands-on GC & GC-MS Troubleshooting	OU	£450
16 th - 18 th	3-day Mass Spectral Interpretation	OU	£595
19 th	1-day Automated Deconvolution and Reporting (Agilent DRS)	OU	£400



OCTOBER 2014

6 th - 10 th	5-day Complete GC & GC-MS	TBC	£990
6 th - 8 th	3-day Practical Essentials of GC & GC-MS	TBC	£595
9 th - 10 th	2-day The GC & GC-MS Clinic	TBC	£400
6 th	1-day Gases & Plumbing and Sample Introduction in GC & GC-MS	TBC	£220
7 th	1-day GC Columns, GC Detectors (including MSD) & Data Analysis	TBC	£220
8 th	1-day Sampling Techniques for GC & GC-MS	TBC	£220
9 th	1-day GC & GC-MS Method Development and Advanced Techniques	TBC	£220
10 th	1-day GC & GC-MS Troubleshooting & Maintenance	TBC	£220
20 th	1-day Introduction to Heart-cutting (Agilent Deans Switch)	OU	£450
21 st - 22 nd	2-day Hands-on GCxGC Operator	OU	£800
23 rd - 24 th	2-day GCxGC Data Handling (Zoex GCImage)	OU	£800
28 th – 31st	4-day Comprehensive GC Training (Agilent 7890 GC with OpenLAB EZChrom)	OU	£1200

NOVEMBER 2014

10 th - 13 th	4-day Comprehensive GC-MS Training (Agilent 5975 MS)	OU	£1,200
17 th - 20 th	4-day Hands-on Sample Preparation	OU	£1,350
17 th	1-day Hands-on Headspace	OU	£450
18 th	1-day Hands-on Solid Phase Micro Extraction (SPME)	OU	£450
19 th	1-day Hands-on Thermal Desorption	OU	£450
20 th	1-day Hands-on Pyrolysis	OU	£450
	2-day Hands-on Sample Preparation - Selecting any two of the above		£800
	3-day Hands-on Sample Preparation - Selecting any three of the above		£1,100
25 th – 26th	2-day Comprehensive GC Training (SRI GC with PeakSimple)	OU	£800

DECEMBER 2014

1 st - 5 th	5-day Complete Hands-on GC & GC-MS	TBC	£1550
1 st - 2 nd	2-day Hands-on GC & Maintenance	OU	£800
3 rd - 4 th	2-day Hands-on (GC)-MS & Maintenance	OU	£800
1 st , 2 nd + 5 th	3-day Hands-on GC, Maintenance and GC(-MS) Troubleshooting	OU	£1,100
3 rd - 5 th	3-day Hands-on GC-MS, Maintenance and Troubleshooting	OU	£1,100
1 st	1-day Hands-on GC Theory and Methods	OU	£450
2 nd	1-day Hands-on GC Maintenance	OU	£450
3 rd	1-day Hands-on GC-MS Theory and Methods	OU	£450
4 th	1-day Hands-on GC-MS Maintenance	OU	£450
5 th	1-day Hands-on GC & GC-MS Troubleshooting	OU	£450
9 th	1-day Absolute Basics of GC & GC-MS	OU	£120
10 th - 11 th	2-day Applied Deconvolution (AMDIS)	OU	£595
$15^{th} - 18^{th}$	4-day Comprehensive GC Training (Thermo TRACE GC with Xcalibur)	OU	£1200



2014 Training Course Dates (by course)

PRICES: All prices quoted are excluding VAT.

VENUE: OU - The Open University, Milton Keynes, UK

TBC - Venue to be confirmed

Generic classroom based training courses with practical focus

1-day Absolute Basics of GC & GC-MS		£120
24 th March 2014	OU	
17 th June 2014	TBC	
5 th September 2014	TBC	
9 th December 2014	OU	
5-day Complete GC & GC-MS		£990
20 th - 24 th January 2014	OU	
24 th - 28 th February 2014	TBC	
7 th - 11 th April 2014	Hoddesdon	
14 th - 18 th July 2014	TBC	
18 th - 22 nd August 2014	TBC	
6 th - 10 th October 2014	TBC	
3-day Practical Essentials of GC & GC-MS		£595
20 th - 22 nd January 2014	OU	1393
7 th - 9 th April 2014	Hoddesdon	
14 th - 16 th July 2014	TBC	
6 th - 8 th October 2014	TBC	
6 - 8 October 2014	IBC	
2-day The GC & GC-MS Clinic		£400
23 rd - 24 th January 2014	OU	
10 th - 11 th April 2014	Hoddesdon	
17 th - 18 th July 2014	TBC	
9 th - 10 th October 2014	TBC	
1-day Gases & Plumbing and Sample Introduction in GC & G	C-MS	£220
20 th January 2014	OU	
7 th April 2014	Hoddesdon	
14 th July 2014	TBC	
6 th October 2014	TBC	
1-day GC Columns, GC Detectors (including MSD) and Data A	-	£220
21 st January 2014	OU	
8 th April 2014	Hoddesdon	
15 th July 2014	TBC	
7 th October 2014	TBC	



1-day Sampling Techniques for GC & GC-MS		£220
22 nd January 2014	OU	
9 th April 2014	Hoddesdon	
16 th July 2014	TBC	
8 th October 2014	TBC	
1-day GC & GC-MS Method Development and	1-day GC & GC-MS Method Development and Advanced Techniques	
23 rd January 2014	OU	
10 th April 2014	Hoddesdon	
17 th July 2014	TBC	
9 th October 2014	TBC	
1-day GC & GC-MS Troubleshooting & Mainte	enance	£220
24 th January 2014	OU	
11 th April 2014	Hoddesdon	
18 th July 2014	TBC	
10 th October 2014	TBC	
3-day Mass Spectral Interpretation		£595
25 th - 27 th March 2014	OU	1333
16 th - 18 th September 2014	OU	
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Generic laboratory based hands-on training courses

5-day Complete Hands-on GC & GC-MS		£1,550
10 th - 14 th March 2014	OU	
9 th - 13 th June 2014	OU	
8 th - 12 th September 2014	OU	
1 st - 5 th December 2014	OU	
2-day Hands-on GC & Maintenance		£800
10 th - 11 th March 2014	OU	
9 th - 10 th June 2014	OU	
8 th - 9 th September 2014	OU	
1 st - 2 nd December 2014	OU	
2-day Hands-on (GC)-MS & Maintenance		£800
2-day Hands-on (GC)-MS & Maintenance 12 th - 13 th March 2014	OU	£800
	ΟU ΟU	£800
12 th - 13 th March 2014		£800
12 th - 13 th March 2014 11 th - 12 th June 2014	OU	£800
12 th - 13 th March 2014 11 th - 12 th June 2014 10 th - 11 th September 2014	ου ου	£800 £1,100
12 th - 13 th March 2014 11 th - 12 th June 2014 10 th - 11 th September 2014 3 rd - 4 th December 2014	ου ου	
12 th - 13 th March 2014 11 th - 12 th June 2014 10 th - 11 th September 2014 3 rd - 4 th December 2014 3-day Hands-on GC, Maintenance and GC (-MS)	OU OU OU Troubleshooting	
12 th - 13 th March 2014 11 th - 12 th June 2014 10 th - 11 th September 2014 3 rd - 4 th December 2014 3-day Hands-on GC, Maintenance and GC (-MS) 10 th - 11 th & 14 th March 2014	OU OU OU Troubleshooting	



3-day Hands-on GC-MS, Maintenance and Troubles	hooting	£1,100
12 th - 14 th March 2014	OU	
11 th - 13 th June 2014	OU	
10 th - 12 th September 2014	OU	
3 rd - 5 th December 2014	OU	
1-day Hands-on GC Theory and Methods		£450
10 th March 2014	OU	
9 th June 2014	OU	
8 th September 2014	OU	
1 st December 2014	OU	
1-day Hands-on GC Maintenance		£450
11 th March 2014	OU	
10 th June 2014	OU	
9 th September 2014	OU	
2 nd December 2014	OU	
1-day Hands-on GC-MS Theory and Methods		£220
12 th March 2014	OU	
11 th June 2014	OU	
10 th September 2014	OU	
3 rd December 2014	OU	
1-day Hands-on GC-MS Maintenance		£450
13 th March 2014	OU	
12 th June 2014	OU	
11 th September 2014	OU	
4 th December 2014	OU	
1-day Hands-on GC & GC-MS Troubleshooting		£450
14 th March 2014	OU	
13 th June 2014	OU	
12 th September 2014	OU	
5 th December 2014	OU	
4-day Hands-on Sample Preparation (Headspace	e SPMF TD Pyrolysis)	£1,350
19 th - 22 nd May 2014	OU	,000
17 th - 20 th November 2014	OU	
1-day Hands-on Headspace		£450
19 th May 2014	OU	
17 th November 2014	OU	
1-day Hands-on Solid Phase Micro Extraction (SPMI	Ε)	£450
20 th May 2014	OU	
18 th November 2014	OU	



1-day Hands-on Thermal Desorption (TD)		£450
21 st May 2014	OU	
19 th November 2014	OU	
1-day Hands-on Pyrolysis		£450
22 nd May 2014	OU	
20 th November 2014	OU	
2-day Hands-on Sample Preparation - Selecting any	two of the above	£800
3-day Hands-on Sample Preparation - Selecting any two of the above		£1,100
3-uay manus-on Sample Freparation - Selecting any	three of the above	11,100
2 day Hands on Advanced Injection		C900
2-day Hands-on Advanced Injection 28 th - 29 th January 2014	OU	£800
8 th - 9 th July 2014		
8 - 9 July 2014	OU	
1-day Hands-on Programmable Temperature Vapo	uriser (PTV)	£450
28 th January 2014	OU	
8 th July 2014	OU	
1-day Hands-on Large Volume Injection (LVI)		£450
29 th January 2014	OU	
9 th July 2014	OU	
2-day Hands-on GCxGC Operator (Thermal & floogeth - 30 th April 2014 21 st - 22 nd October 2014	OU OU	£800
Manufacturer and software specifi	c training courses	
4-day Comprehensive GC Training (Agilent 789	0 GC with OpenLAB Chemstation)	£1,200
10 th - 13 th February 2014	OU	,
4 th - 7 th August 2014	OU	
4-day Comprehensive GC Training (Agilent 7890 GC with OpenLAB EZChrom) $28^{th} - 31^{st}$ October 2014		£1,200
4-day Comprehensive GC Training (Thermo TRACE with Xcalibur) 15 th –18 th December 2014		£1,200
2-day Comprehensive GC Training (SRI GC with 25 th –26 th November 2014	PeakSimple)	£800
4-day Comprehensive GC-MS Training (Agilent 12 th - 15 th May 2014 10 th - 13 th November 2014	5975 MS) OU OU	£1,200



Switch) OU OU	£450
	£800
OU	
OU	
	£595
OU	
OU	
	£220
OU	
OU	
1-day Automated Deconvolution and Reporting (Agilent DRS)	
OU	
OU	
	£450
OU	
OU	
	OU O

COURSE DISCOUNTS

Discounts cannot be combined and are only applicable to courses both organised and run by Anthias Consulting Ltd. The number of days refers to the number of days a course takes as advertised.

- Early Bird: Book at least 12 weeks in advance and receive a 10% discount for any course.
- Group Discount: 4 colleagues from the same company can attend for the price of 3, when attending the same course –
 this applies to any course but cannot be combined with any other discount and must be booked at least 4 weeks in
 advance.
- Student: Discount of 10% for any course (valid student ID card required) if booked at least 4 weeks in advance.
- *RSC Member*: Discount of 15% for the 5-day Complete GC & GC-MS course or 10% for any other 2-, 3-, 4- or 5-day course (membership number required) if booked at least 4 weeks in advance.
- *ChromSoc Member*: Discount of 10% for any 2-, 3-, 4- or 5-day course (membership number required) if booked at least 4 weeks in advance.
- Warwick alumini: Discount of 10% for any 2-, 3-, 4- or 5-day course (membership number required) if booked at least 4
 weeks in advance.



Book the Hands-on GCxGC Operator and GCxGC Data Handling courses together and receive a 15% discount.

COURSE BOOKINGS

Anthias courses can be booked via our website www.anthias.co.uk or by sending an email to courses@anthias.co.uk.

Depending on demand, the number of dates for each course may be increased or some dates cancelled. Please visit www.anthias.co.uk for the most up-to-date list of dates and prices.

COURSE NUMBERS

- Generic classroom based training courses need at least 5 people to proceed and have a maximum of 12 people on each course.
- Generic laboratory based hands-on training courses need at least 2 people to run and have a maximum of 4 people on each course.
- Manufacturer and software specific training courses need at least 3 people to run and have a maximum of 6 people on each course.

MORE INFORMATION

For course descriptions or to download a brochure please visit www.anthias.co.uk. For a full course outline and any other questions, please email courses@anthias.co.uk.

OTHER COURSE DELIVERY OPTIONS

We can provide any of the above to various clients at locations throughout the UK and overseas. Our courses are designed to match any numbers, training requirements and budgets. We can provide:

- On-site classroom, hands-on lab-based, hardware and software courses
- Personalised classroom, hands-on lab-based, hardware and software courses at The Open University

TERMS & CONDITIONS

- 1. All courses and material will be presented in native English language using high visual content, but the course assumes a reasonable understanding of English on every delegate's part.
- 2. All delegates 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.
- 3. Payment of course fees must be received before the course start date. Full payment or a purchase order is required at the time of booking. The booking will be provisionally kept for 1 week, until payment or a purchase order is received. When payment has been received in full or a formal purchase order has been provided, the delegate's place on the course will then be confirmed. If paying by purchase order, full payment must be made within 30 days of the invoice, or 2 weeks before the start of the course, whichever is sooner.



- 4. For late bookings, if payment is not received prior to the delegate attending the Course, Anthias Consulting reserves the right to refuse admission until payment has been made in full.
- 5. Course cancellation will incur a penalty of a deductible amount per person: minus an admin fee up to 8 weeks before the course start date; -50% up to 6 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.
- For classroom-based courses, a minimum of 5 attendees will be required for a course to proceed; a maximum of 15 analysts will be accommodated on any course at any one time. For laboratory-based courses, a minimum of 2 attendees will be required for a course to proceed: a maximum of 4 to 6 analysts, depending on the course, will be accommodated on any course at any one time. Anthias Consulting Ltd. reserves 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 will 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 will not 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.
- 7. Course prices are exclusive of VAT. VAT will be charged at the standard rate of 20%.
- 8. Anthias Consulting welcomes delegates from overseas. Once full payment for the course has been received, a visa invitation letter can be provided, which states that a delegate is registered to attend a training course. Anthias Consulting has no influence over any embassy and is unable to guarantee that a visa will be granted. Delegates are solely responsible for obtaining a visa, and failure to do so will not make the delegate or delegate's company exempt from the cancellation penalty. Anthias Consulting advises delegates from overseas to book and pay for a course and apply for a visa well in advance of the course start date, so that if required a full refund minus an admin fee can be paid up to 8 weeks before the course start date.
- 9. Anthias Consulting does not accept responsibility for flights or hotel bookings or their cancellation policies. Delegates therefore book flights and hotels at their own risk. Delegates and their companies are responsible for ensuring they have adequate travel permits and visas for course attendance, as well as adequate travel & medical insurance cover.
- 10. Delegates are not permitted to bring samples onto the courses, there most likely will not be an instrument available to analyse such samples. We advise delegates to bring in their existing chromatograms for discussion instead (where appropriate, according to the course), although Anthias Consulting cannot promise to answer delegate's problems relating to their individual areas of work.
- 11. Discounts: Offers cannot be combined, except where stated.
- 12. Anthias Consulting accepts payment by cheque, BACS, faster payments, bank transfer or credit card. Cash payments are not accepted. All payments must be made in UK pounds. A card processing fee of 2.83% will be added for all payments made by credit card.
- 13. Payments made from a non-GBP account are subject to a £10 admin fee.
- 14. All invoices must be paid in full; bank commission charges are not accepted.
- 15. Prompt payment is much appreciated. Anthias Consulting will exercise their statutory right to claim interest at 8% plus the Bank of England base rate, and compensation for debt recovery costs under the Late Payment legislation.