



## MBS U2 Training

We are pleased to provide you with the MBS U2 training kit. It provides you with details of the available courses, a training planner for 2012 and comprehensive information regarding MBS's training offerings.

### What qualifies MBS to provide U2 training?

MBS is an Authorised Independent Training Provider for U2 Software. We have 7 instructors certified in the U2 courses with a wide spread of knowledge and course certifications.

### What courses are offered?

A full catalogue of the currently available courses is included in this package. The course notes include the course description, objectives and prerequisites. As courses are added to the AITP program MBS will offer them as soon as possible

### What are the training options?

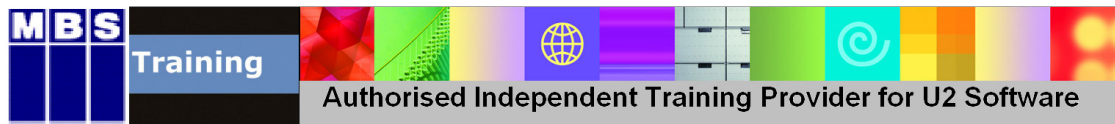
MBS will be offering two formats of training, Public and Private. Public training is advertised and will occur on specific dates and is open to anyone. Private training is scheduled by special arrangement and effectively is a training course packaged to your specific requirements either in-house or at MBS. Courses that are not offered as Public training can be provided as Private training as necessary

### What are the training costs?

The cost per day for all Public courses is \$850 per student per day. This cost includes all manuals and training materials.

Prices for private classes will be based on your requirements. Additional charges may apply such as instructor travel and living expenses facilities and remote lab support.





The prices listed in the schedule are for information only and are subject to change without notice.

### How do I book training?

The simplest way to book training is to go to the MBS web site, [www.mbs.net.au](http://www.mbs.net.au), and enter your details under the training booking page.

Alternatively you can contact the MBS training coordinator  
Chris Turner  
[Chris.turner@mbs.net.au](mailto:Chris.turner@mbs.net.au)  
+613 9571 3111

### What about cancellations?

A student may cancel their attendance on a course:

- At least 10 business days prior to the Monday of the week the class is running without penalty.
- Less than 10 business days prior to the Monday of the week the class is running, as a result they will be charged at least fifty percent (50%) of the current price.
- At the start date of the class, or fail to attend the course on which they're enrolled, as a result they will be charged for the full price of the course.

MBS reserves the right to cancel any course 10 business days out from the Monday of the week the course is running. If we cancel a course for which you have prepaid, we will refund the price you paid.

You may cancel a Private Class less than one month before its schedule start date. We may charge actual costs incurred, including travel and living expenses.

All cancellations and transfers must be received in writing.



### Schedule of Public Courses Start Dates

<b>UniVerse Administration</b>	<b>4 days</b>	<b>\$3,400</b>
2 April	Melbourne	
19 June	Sydney	
<b>UniData Administration</b>	<b>4 days</b>	<b>\$3,400</b>
12 June	Sydney	
8 October	Melbourne	
<b>UniVerse Fundamentals</b>	<b>4 days</b>	<b>\$3,400</b>
19 March	Melbourne	
17 April	Sydney	
17 July	Sydney	
16 October	Melbourne	
<b>UniData Fundamentals</b>	<b>4 days</b>	<b>\$3,400</b>
10 April	Sydney	
22 May	Melbourne	
21 August	Sydney	
6 November	Melbourne	
<b>UniVerse Theory and Practice</b>	<b>4 days</b>	<b>\$3,400</b>
1 May	Melbourne	
6 August	Sydney	
4 September	Melbourne	
<b>UniData &amp; UniVerse Database Programming</b>	<b>4 days</b>	<b>\$3,400</b>
7 May	Melbourne	
13 September	Sydney	



<b>Basic Extensions for Advanced Programmers</b>	<b>4 days</b>	<b>\$3,400</b>
5 June	Sydney	
27 August	Melbourne	
2 October	Sydney	
<b>UniData Data Replication</b>	<b>3 days</b>	<b>\$2,550</b>
26 March	Sydney	
9 July	Melbourne	
<b>UniData Recoverable File System</b>	<b>2 days</b>	<b>\$1,700</b>
29 March	Sydney	
12 July	Melbourne	











**Course name : U2 UniVerse Administration**

**General information**

<b>Code:</b>	UV904	
<b>Language:</b>	English	
<b>Product:</b>	UniVerse	
<b>Release:</b>	10.0 or higher	
<b>Target audience:</b>	System Administrator	
<b>Format(s):</b>	Classroom	Number of Days: 4 days

**Course description:**

Develop the system administration skills you need to manage, maintain, and troubleshoot UniVerse systems. Learn how to modify terminal definition files to correct terminal behavior, such as proper arrow key and function key operation. Learn about and use the different data file types, alternate keys, and transaction logging in lecture and lab exercises. Also, explore other administrative functions, such as print spooler configuration and control, and user process control.

**Your new skills:**

After completing this course, you should be able to:

- Install UniVerse
- Configure UniVerse in a UNIX or Windows environment
- Manage data files and accounts
- Define and maintain system security
- Backup and restore data
- Monitor system performance Work with printer and other peripheral devices

**Who should attend**

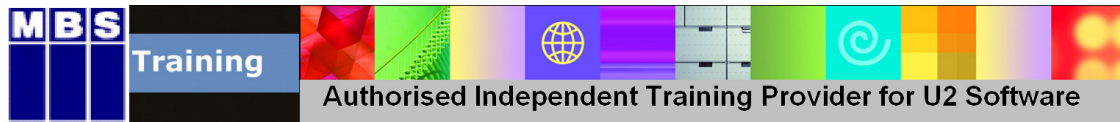
This course is designed for Application Developers.

**Prerequisites:**

In order to attend this course you must have the following skills or completed the following course:

- U2800 UniVerse Fundamentals or equivalent knowledge
- A basic understanding of the UNIX or Windows operating systems





**Course name : U2 UniData and UniVerse Database Programming**

**General information**

<b>Code:</b>	U2120	
<b>Language:</b>	English	
<b>Product:</b>	UniData/UniVerse	
<b>Release:</b>	UD6.1 & UV10.0 or higher	
<b>Target audience:</b>	Application Developer	
<b>Format(s):</b>	Classroom	Number of Days: 4 days

**Course description:**

Build on your existing programmer skills by exploring many of the diverse commands and options available with U2 UniData and UniVerse programming. In the lecture and hands-on lab exercises, focus on learning how to use the commands and options that lead to increased programming proficiency and productivity. Explore fundamentals of the development environment, through the primary system tools, and the intricacies of manipulating the native data structures of strings, dynamic arrays, and multivalued fields.

**Your new skills:**

After completing this course, you should be able to:

- Design simple procedural programs
- Implement these programs in BASIC involving coding, compiling, testing and debugging
- Interact with U2 database files
- Employ techniques which control transfer of data between users, U2 database files and Printers
- Read and modify BASIC programs written by others

**Who should attend**

This course is designed for Programmers who develop code for the UniVerse or UniData BASIC environment or who port applications from other platforms into UniVerse or UniData BASIC.

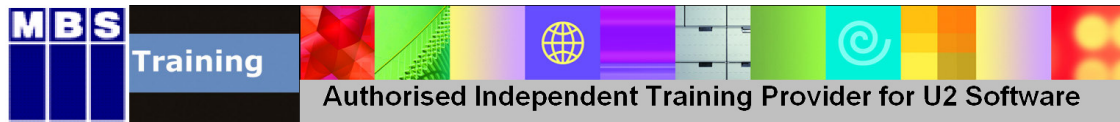
**Prerequisites:**

In order to attend this course, you must have the following skills or completed the following course:

- UD2200 UniData Fundamentals and/or U2800 UniVerse Fundamentals







## Course name : U2 Basic Extensions for Advanced Programmers

### General information

<b>Code:</b>	U2140	
<b>Language:</b>	English	
<b>Product:</b>	UniData/UniVerse	
<b>Release:</b>	UD7.1 & UV10.0 or higher	
<b>Target audience:</b>	Advanced Programmers	
<b>Format(s):</b>	Classroom	Number of Days: 4 days

### Course description:

This course is designed to teach programmers familiar with the U2 Application Development language (U2 Basic) the available extensions to the U2 Basic language and how to effectively use them. Learn methods and techniques to open the U2 database pragmatically to the world of XML and Web Services. The ability to utilize the power of the U2 data servers in a secure and productive manner are critical skills you will learn in this course.

### Your new skills:

After completing this course, you should be able to:

- Implement and use the U2 Socket API
- Use CallHTTP to access a Web Server
- Explain how to utilize XML for export and import XML documents to the U2 data server
- Use the SOAP API in U2 Basic
- Use encryption in transit in U2 Basic
- Explain and use Secure Socket Layer (SSL)
- Use XML/DB Tool to map U2 data to and from XML documents
- Utilize U2 Web Services Developer to create and test Web Services using U2 Data Servers
- Write Basic programs to use consume U2 Web Services to obtain and write data to a U2 Server

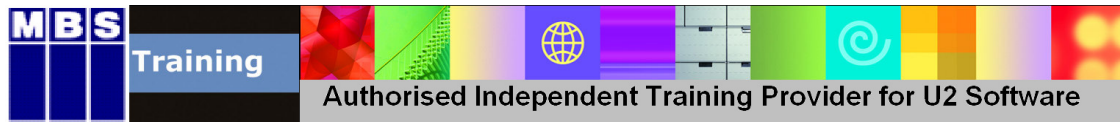
### Who should attend

This is an intermediate course designed for programmers familiar with the U2 Application Developer programming language.

### Prerequisites:

Students should have the following skills or completed the following courses:

- U2 UniData Fundamentals (UD2200) **or** equivalent experience with UniData.
- U2 UniVerse Fundamentals (U2800) **or** equivalent experience with UniVerse.
  
- U2 Application Developer (U2120) **or** equivalent programming experience



**Course name : U2 SB+ Essentials**

**General information**

**Code:** SB500

**Language:** English

**Product:** SB+

**Release:** 5.4

**Target audience:**

**Format(s):** Classroom

Number of Days: 4 days

**Course description:**

This hands-on course provides an introduction to the functionality and concepts of the SB+ application development environment. Explore application design applicable to both character based and GUI development. Let your imagination soar as you unleash the power of SB+ and very quickly realize results. Gain experience building an application from the ground up, starting with file and dictionary definitions.

**Your new skills:**

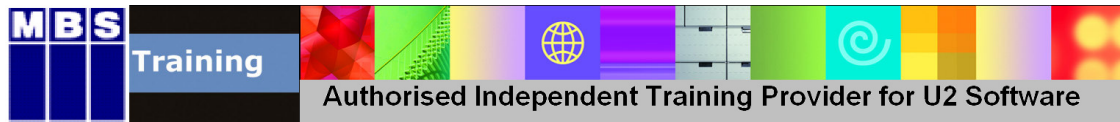
- Comprehend accounts and files from the SB+ perspective
- Realize the power of SB+ processes
- Create simple and complex data entry screens
- Understand global field definitions
- Build screens using sequential key mechanisms and accumulators
- Examine common variables and SB+ expressions
- Understand paragraph logic and create your own paragraphs
- View, update, search, and replace data in different files and accounts

**Who should attend**

Developers, programmers, database and system administrators, and project managers.

**Prerequisites:**

None.



**Course name : U2 SB+ Advanced Development**

**General information**

**Code:** SB525

**Language:** English

**Product:** SB+

**Release:** 5.4

**Target audience:**

**Format(s):** Classroom

Number of Days: 4 days

**Course description:**

Learn advanced U2 SB+ development skills through a combination of lecture and laboratory exercises. Build upon an existing application to acquire a detailed understanding of specific SB+ tools. Create complex process definitions that update multiple files, update periodically, validate, and use a job schedule process. In addition, learn how to use the powerful SB+ Report Writer to create complex reports, set up output formats for preprinted forms, generate multipass reports, and route output to specific locations.

**Your new skills:**

- Create complex process definitions
- Design and build menu definitions and function key setup
- Extract data using Query Report definitions
- Create standard and complex reports using SB+ Report Writer
- Include conditional fields and interactive prompting in reports
- Create multipass reports and control pagination
- Set up and implement SB+ security
- Direct printer management and system control parameters
- Transform your character based SB+ application to Graphical User Interface (GUI)

**Who should attend**

Application developers and programmers.

**Prerequisites:**

U2 SB+ Essentials (SB500)

