



# **Student Allocator 2.2**

## **Release Notes**

## Document summary

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Public: Yes

## Support

To access support for Scientia software, visit <http://www.scientia.com/en-GB/Support>

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# Contents

1	About this release .....	1
1.1	About Student Allocator .....	1
1.2	Reasons for this release .....	1
1.3	New licence file .....	1
1.4	Supported platforms .....	1
2	Release details.....	2
3	Install and upgrade.....	9
3.1	Installing the software .....	9
3.2	Upgrading an installation of a previous version .....	9

# 1 About this release

## 1.1 About Student Allocator

Student Allocator enables students and staff members to make choices of modules, tutorials and other activities on-line. It can be used at different points in the academic year, either for module selection, activity selection (when the timetable is in place) or both. When used for module selection, you can ensure students choices are consistent with their programme. When used for activity selection, you can provide individual, up-to-date, clash free timetables.

## 1.2 Reasons for this release

Student Allocator 2.2 includes functional improvements and minor problem fixes.

For more information about the improvements in this release, see the *Functional changes at this release* table in *Release details* (on page 2).

## 1.3 New licence file

To run Student Allocator 2.2, you must install a new **allocator.004** licence file on the server.

## 1.4 Supported platforms

For supported platforms, see the *Scientia Hardware and Software Requirements - Technical Guide*.

## 2 Release details

This section contains the following information about this release:

- A summary of the functionality that has been added or changed since the previous release.
- A summary of the problems that are resolved in this release. Only problems that were present in a previous full release are listed.
- A summary of previously discovered, salient problems that have not been resolved in this release. These problems might have been introduced in any prior version of this software. If you encounter any of these problems, contact your local support team to add your experiences to the investigation (see *Support* on page ii).

Functional changes at this release:

ID	Description
US583  US764	<p><b>Grid timetable</b></p> <p>The Student UI now provides a read-only grid timetable display. Separate tabs represent each semester of the year. Each tab displays the student's timetable during that semester.</p>
US602	<p>Variant activities are now displayed in the Student UI including the grid timetable.</p>
US607  US812  US1726	<p>In the grid timetable, activity types are colour coded; consequently, the user can distinguish different activity types.</p> <p>If the Activity Type property is not imported from Syllabus Plus, activities are shown in grey. Also, when showing alternative activity choices, activities are shown in grey.</p>
US589	<p><b>User interface changes in the Staff Application</b></p> <p>To accommodate new functionality, significant changes have been made to the user interface of the Staff Application.</p>
US594	<p><b>Schedule Completion</b></p> <p>The new Schedule Completion feature automatically allocates students all the way down to activity level. Where the tree contains student choice (for example, a requirement to choose two modules from a list of four), the algorithm can make a choice. Consequently, it can proceed to make allocations further down that part of the tree.</p>

## Student Allocator 2.2 Release Notes

ID	Description
	<p>The algorithm ensures that students that the AO is mandatory for (in their programme of study) are allocated first. So, the allocation of students that are required to take the module is not blocked by students that it is an option for (in their programme of study). Likewise, students on an elective do not block students who have chosen the module as an option. This would be most useful at the module and activity level where space is limited.</p> <p>During allocation, the algorithm ensures that the rules that are set in the Subject Area Manager (SAM) are obeyed.</p>
US595	The auto allocation code ensures that mandatory students are not blocked by optional or elective students.
US596	The auto allocation code ensures that when a student's optional modules cannot be fully allocated they are left unallocated to any optional module activity.
US588 US927	A staff user can add filter operators to filter students in the Schedule Completion view.
US1135 US159 US649	<p>Staff users can prioritise some students over others. They can also sort the prioritized item list in Schedule Completion view.</p> <p>A staff user can now order which group of students are allocated first for the auto allocation process.</p>
US1069	A staff user can now see which students they are allocating and how many.
US740	The Allocation Behaviour setting should be remembered in Schedule Completion task window.
US1019	When a staff user cancels a Schedule Completion task a message will appear to double-check that it was intentional.
US155	A staff user can over allocate during a fitting run.

## Student Allocator 2.2 Release Notes

ID	Description
US925 US925 US1149	A staff user can remove auto-allocations selectively, by using the <b>Delete child auto allocations</b> button. This will not affect manual allocations, allocations made using the child allocation grid, or scheduled waiting list allocations.
US538	When running an auto allocation task users can fill each group before processing unto the next (clump).
US539	Spread students between groups when running an auto allocation task.
US1094 US1044	A staff user watching a scheduled task can see the progress of the task update automatically.  They can also stop or cancel a scheduled task.
US731 US1450 US852	Feedback is provided to the staff user when running Schedule Completion task and when it has completed using the task status.
US1680	The Allocation Engine should find the best solution for the student.
US1011	After a Schedule Completion run, a staff user can view a helpful report of allocation failures. The report shows all of and only the relevant / causative failures.
US814	A staff user is warned that they have uncommitted changes before launching a new task.
US1636	When students are deallocated from a programme they should not be deallocated from any modules.
US1705	Students that fail to allocate to a variant or joint activity should not be allocated to the parent AO.
US639	A description field has been added to student details view in the staff client and admin client.

## Student Allocator 2.2 Release Notes

ID	Description
US590	In the Staff UI you can now filter by description and hostkey.
US1068	The green tick in the child allocation grid now have a consistent meaning.
US1095	A staff user is taken to the login page after the UI has timed out.
US626	The integration of task pages has been improved to match with rest of site.
US1093	The task pages in the Staff UI have a consistent, usable, design.
US955	The <b>Auto Allocate</b> button in the Child Allocations grid has been renamed to <b>Auto Fill</b> .
US1698	The next and previous buttons in the child allocation grid would be better placed near the centre of the screen so users don't have to scroll the screen to see the next button.
US1602	Allow the user to set the allocation completion level.
US1067	Staff users can now find incomplete allocations beneath the current AO.
US1603	Filtering to find students with incomplete allocation should respect the user-defined allocation completion level.
US1074	Student Allocator contains a new report that flags up invalid data. A staff user can run it prior to starting a Schedule Completion task.
US1012	Staff users can now see, in advance, details of any pair of modules, taken by a student, that has no clash-free combination of activities.
US848	Staff users can now see details where students have clashes.
US598	Using the clash filter, a staff user can now identify students that have clashes.



## Student Allocator 2.2 Release Notes

ID	Description
US1518	There is now an <i>Allocation progress of AO Type</i> report in the staff UI.
US1052	A log is saved onto the server so that a staff user can check if a task is still running.
US1075	In the SAM, a user can now search by description and hostkey.
US609	A new type of prerequisite rule has been added, which implies exclusivity amongst siblings rather than representing it with multiple exclusion rules.
US504	A SAM user can exclude students from allocation to selected objects by applying the exclusivity rule.
US1070	A SAM user can make all prerequisites exclusive.
US669	The exclusive option for a prerequisite should be accessible from the speed menu.
US1441	The <b>Remove exclusivity for all</b> option is accessible from the speed menu.
US505	A SAM user can view the requirements and exclusions applied to an AO without drilling down.
US154	In the SAM a staff user can allow allocation to ignore some rules described by the graph without removing the rules from the AO.
US1124	A SAM user can now make structural changes to the graph and the system will ensure that SA allocations remain consistent.
US1605	A staff user cannot edit default allocation object type hostkeys.
US1561	The optionality controls in the Config and Users client have been removed.
US1591	Data Importer has an XML key to increase the default maximum number of failed import allowed.

## Student Allocator 2.2 Release Notes

ID	Description
US1643	GraphMonitor fixes up allocations when the state of an AO changes to Active.
US1661	Increase timeout globally so users don't get command timeouts.
US1695	The service that reads data from TRANS tables should better handle a lost database connection.
US1589	Hosted applications should be tolerant of SQL deadlocks.
	<b>Connect</b>  The following user stories are supported when the Connect tool is used. Connect enables the integration of Scientia products.
US1604	This new version supports jointly taught activities and variant activities. To fully use these new allocation objects, Connect is needed to import them from Enterprise Foundation.
US1050	The creation of jointly taught activities in Syllabus Plus should be reflected in Student Allocator.
US1049	The creation of variants in Syllabus Plus should be reflected in Student Allocator.
US1091	Delete student in Syllabus Plus when a student is deleted in Student Allocator.
US1482	A student sets table [view] should be added to the database schema for Student Allocator.
US1484	A student should be added to the student set table in the Student Allocator database (SADB).
US1485	Students should be added to an existing student set or to a newly created student set in the SADB.

## Student Allocator 2.2 Release Notes

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Problems that are resolved in this release:

ID	Description
US612	If a student is not taking a compulsory AO, the check box in the student UI is disabled. The assumption is that they must already be taking the AO.
US581	Prerequisite group changes to exclusion group when a prerequisite is attached.
US662	Prerequisite 'format' string exposed in SAM UI.
US578	Bug when undoing a 'group' command.

Problems that are not resolved in this release:

ID	Description	Workaround
DE982	Clash filter only shows clashes of activities from Syllabus Plus. Clashes introduced in the SAM are not shown.	No workaround.
DE978	There is no warning message displayed when a license is close to expiry date or when the license is in grace period.	No workaround.
US1979	In the <b>Schedule Completion</b> window, selecting or amending time is difficult.	Select the time and type over it.
US1975	On the <b>Find Student</b> page, the credit filter results can appear to be incorrect when compared to the Student UI view.	No workaround.

## 3 Install and upgrade

### 3.1 Installing the software

For information about installing Student Allocator 2.2, see the *Student Allocator 2.2 Installation and Upgrade Guide*.

### 3.2 Upgrading an installation of a previous version

For information about upgrading Student Allocator 2.2, see the *Student Allocator 2.2 Installation and Upgrade Guide*.