Untis
GRUBER & PETTERS













Untis 2026

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1 Foreword

As every year, this brochure contains all the new features in **version 2026.0.0**. As we also publish many new features during the year with the minor releases in order to make improvements available to you more quickly, we have described all the functions that have been added since version 2025.0.0.
We wish you every success with your planning!

Your Untis team

2 General changes

We already pointed out the increasing importance of 64-bit technology in the 2025 version brochure - particularly in view of the fact that Windows 11 is only available as a 64-bit version. This development underlines the general technological shift towards more powerful systems.

With a view to the future, this switch is becoming even more relevant: Microsoft has announced that it will finally end support for Windows 10 in October 2025. This means that supported 32-bit Windows will no longer be available in the foreseeable future. This change not only affects security updates, but also compatibility and platform issues, which also affect Untis.

Untis is still available in a 32-bit and 64-bit version, but we strongly recommend switching to the 64bit version now, provided the technical requirements are met:

· a 64-bit operating system, such as Windows 11 and
· the Microsoft Office package in the 64-bit version

If you use Untis in the MultiUser version, please make sure that you use the corresponding ODBC connector that connects Untis to the respective database.
Here is an overview of what you need to consider when using or switching from the 32-bit to the 64bit version:

SingleUser	**Use / switch to 64-bit version possible at any time without any problems** Requirement: 64-bit operating system and Microsoft Office package in the 64-bit version. For Excel export or mail dispatch via MAPI, Untis and Untis and MS Office must be installed in the same architecture (32-bit or 64bit). must be installed. When accessing a file from several computers, the same Untis version must be the same Untis version must be installed on these computers.
MultiUser MS Access database	The same Untis version must be installed on all PCs in a MultiUser system. must be installed on all PCs in a multi-user system. The appropriate ODBC connector for the 64-bit version is only available in connection with an installed Microsoft Office (64-bit).
MultiUser MS SQL database	The same Untis version must be installed on all PCs in a MultiUser system. must be installed on all PCs in a MultiUser system.

MultiUser MySQL database	The same Untis version must be installed on all PCs in a MultiUser system. must be installed on all PCs in a MultiUser system.
	When switching to the 64-bit version, the existing connector must be must be replaced with a suitable new one.

As was the case last year, when the partial area optimization in the course planning module was available exclusively for the 64-bit version of Untis for the first time, this technical path will continue in 2026: The new total optimization [15] can also only be used in the 64-bit version.

2.1 Message history

In the Untis 2025.0.0 version, we have already added a new function 

to the <Start> tab, which allows you to track the message history in Untis. After clicking on this icon, the notifications displayed in this Untis session appear in chronological order. You can use the buttons in this window to delete and copy individual messages.

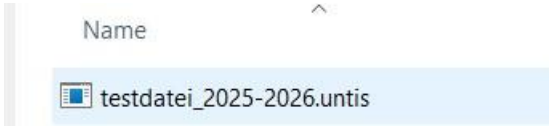


2.2 Change of school year

With version 2025.7.0, the school year change via the 'File | New school year' menu has been improved.



Untis now automatically creates a new file for the new school year, with the start and end date at the end of the file name.



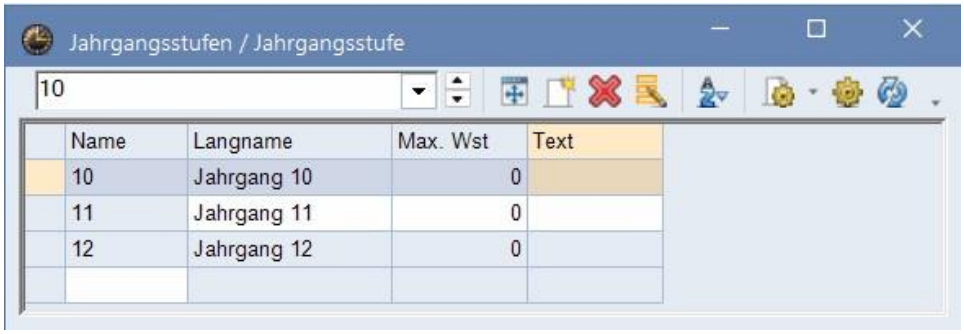
2.3 Grades as master data element

Grades become a master data element in version 2026. You can open the window via the <Classes> ribbon.



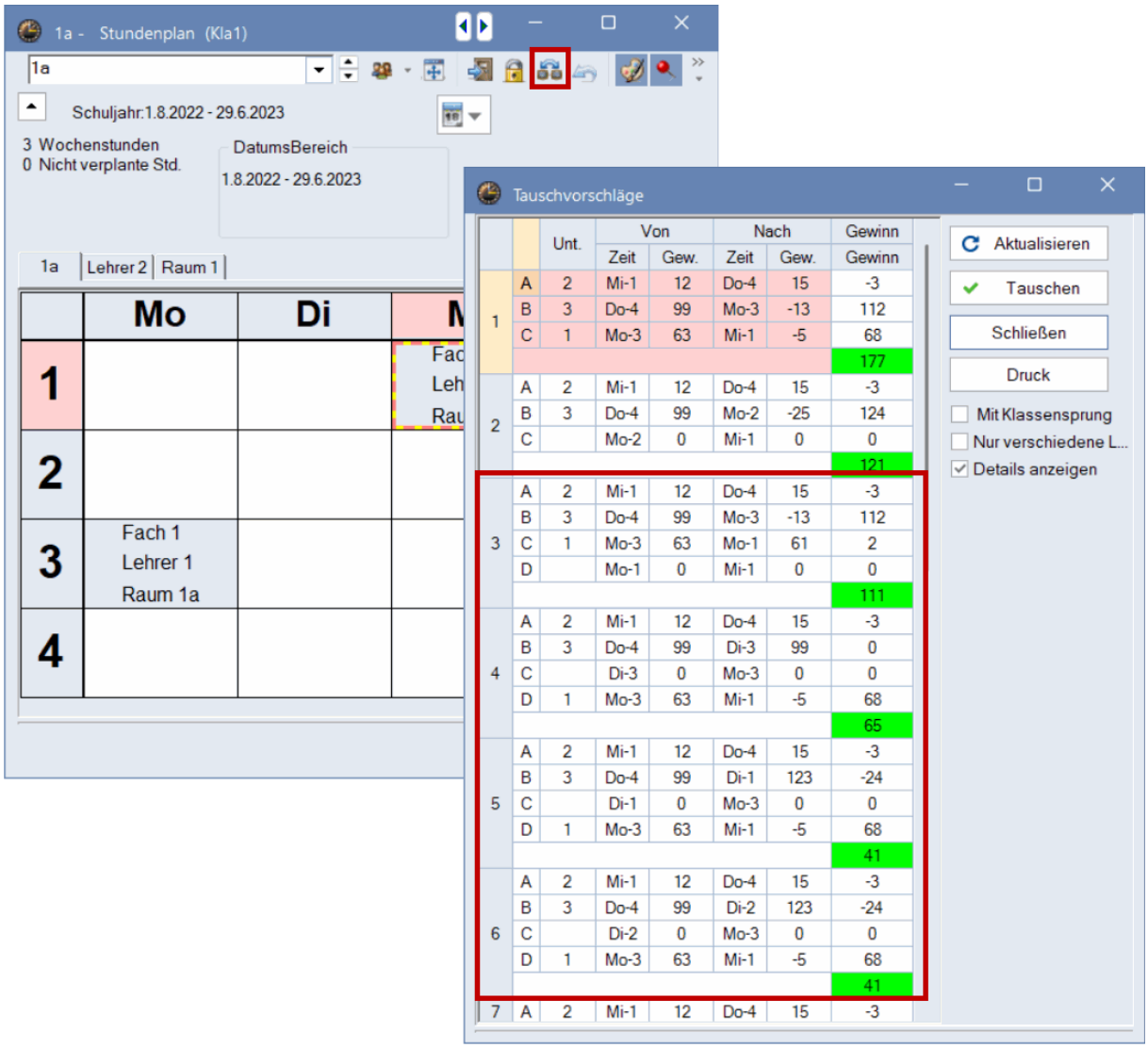
As before, year groups can be created via the classes or in this new window. You can also assign a long name and a descriptive text.

For all course planning users, the column "Max. Wst" column is also relevant for all course planning users, as the maximum number of weekly lessons per year group can also be entered here for band formation.



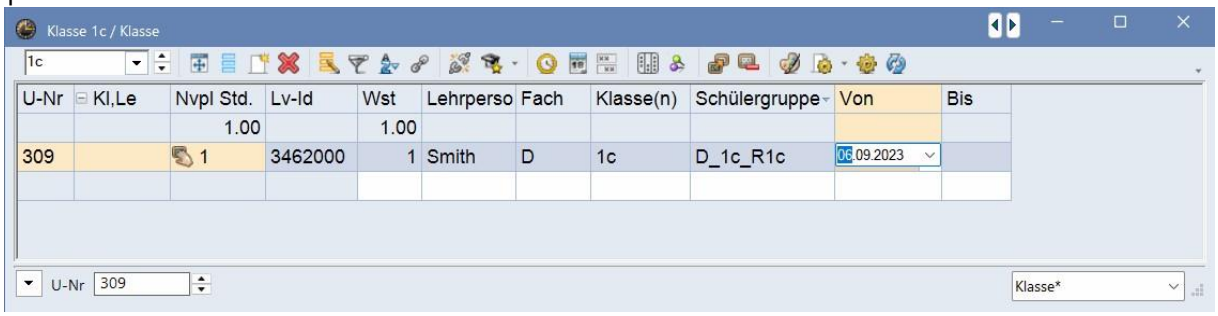
2.4 Improved exchange suggestions

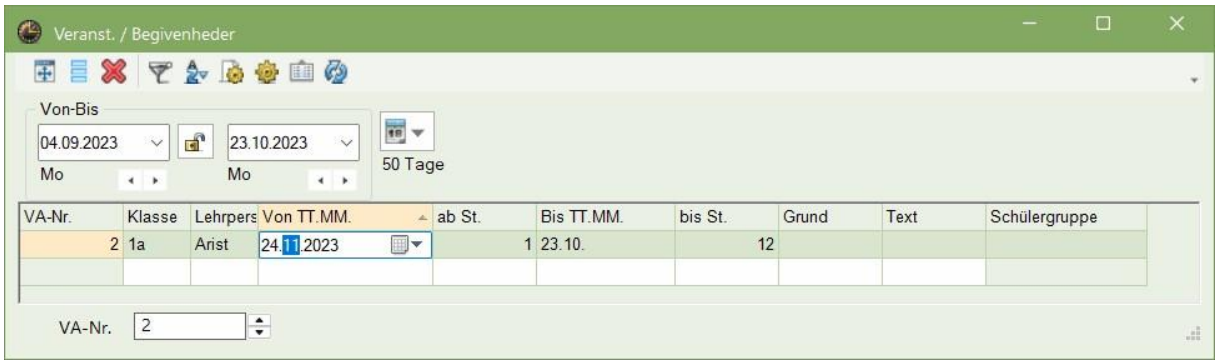
The swap suggestions for manual planning in the timetable have been improved. In addition to 2part swaps, larger swap chains are now also offered in many cases, which were not displayed in previous versions.



2.5 Improved date filter

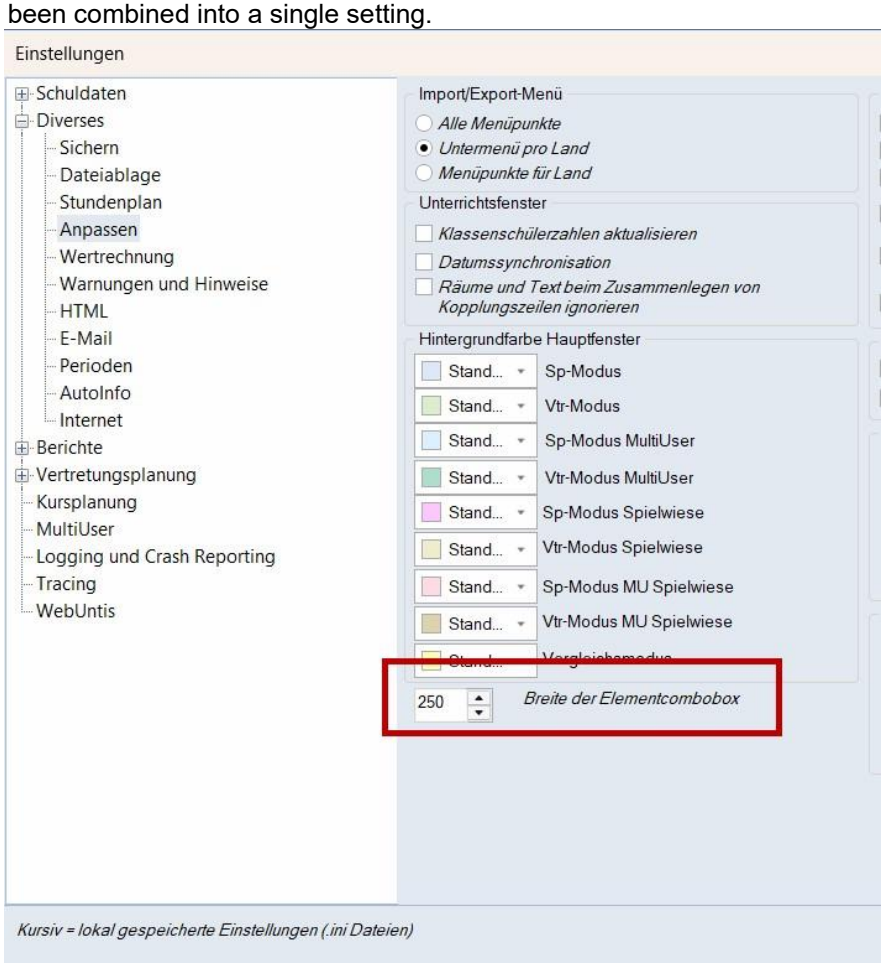
Since Untis 2025.2.0, you can enter the date faster and more easily using the keyboard in many places:



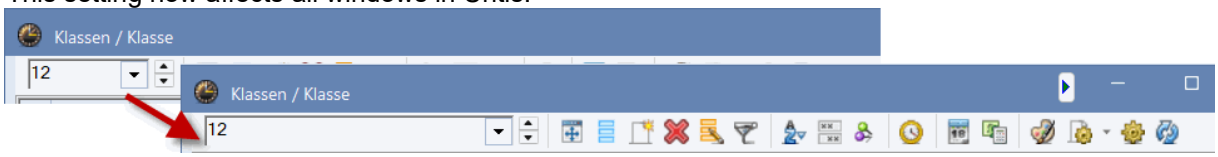


2.6 Width of the selection boxes

Untis previously had two different settings for setting the width of the selection boxes. These have been combined into a single setting.



This setting now affects all windows in Untis.



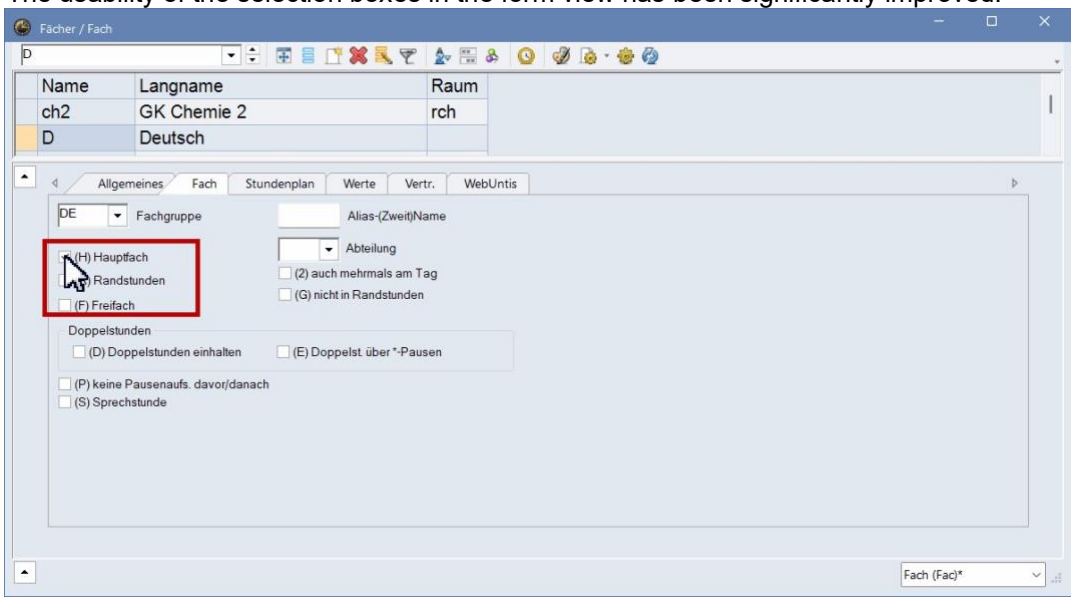
2.7 Room collision message

If room collisions occur during manual planning, a message appears in Untis indicating with which lesson a collision would occur.
The teacher of the colliding lesson is now also displayed in this message.



2.8 Improved handling of selection boxes

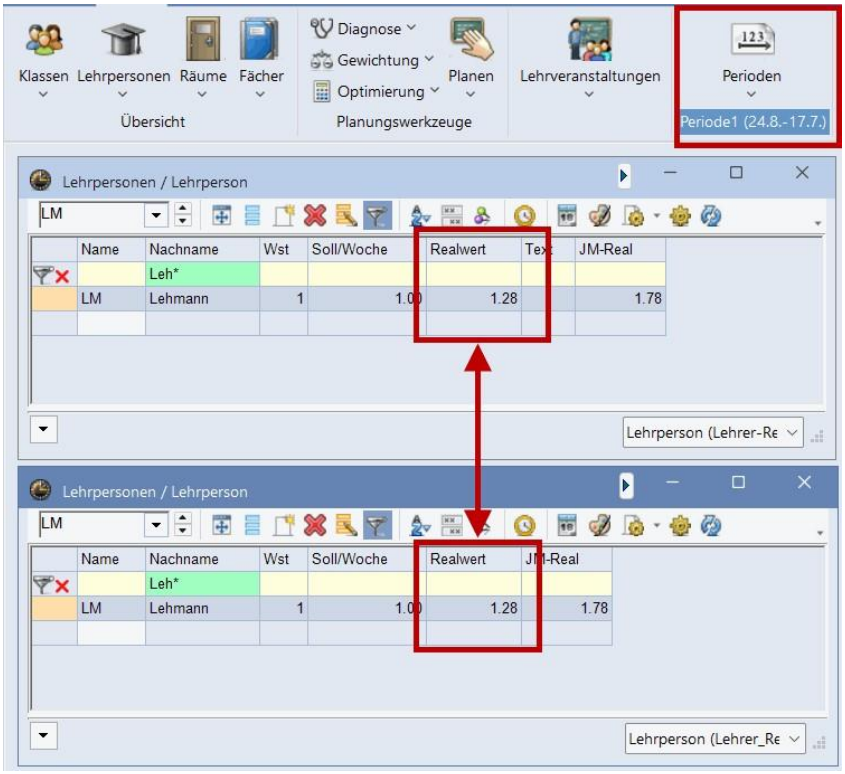
The usability of the selection boxes in the form view has been significantly improved.

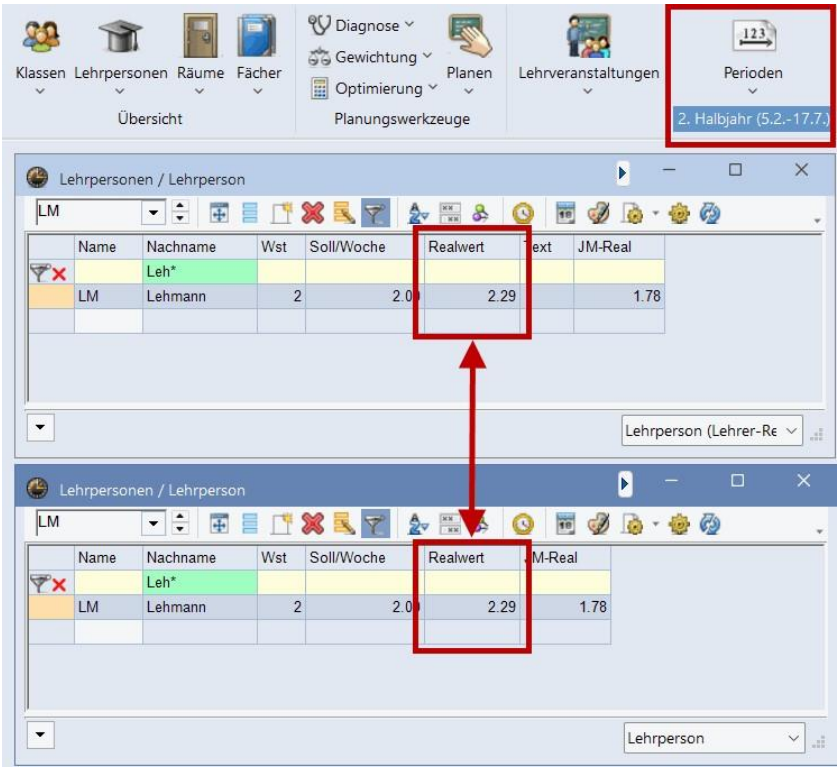


3 Lesson planning and value calculation

3.1 Real value

Since Untis 2025.5.0, the same real value is displayed in the master data window for teachers as in the totals line of the teaching window. This rule is now also applied to periods.

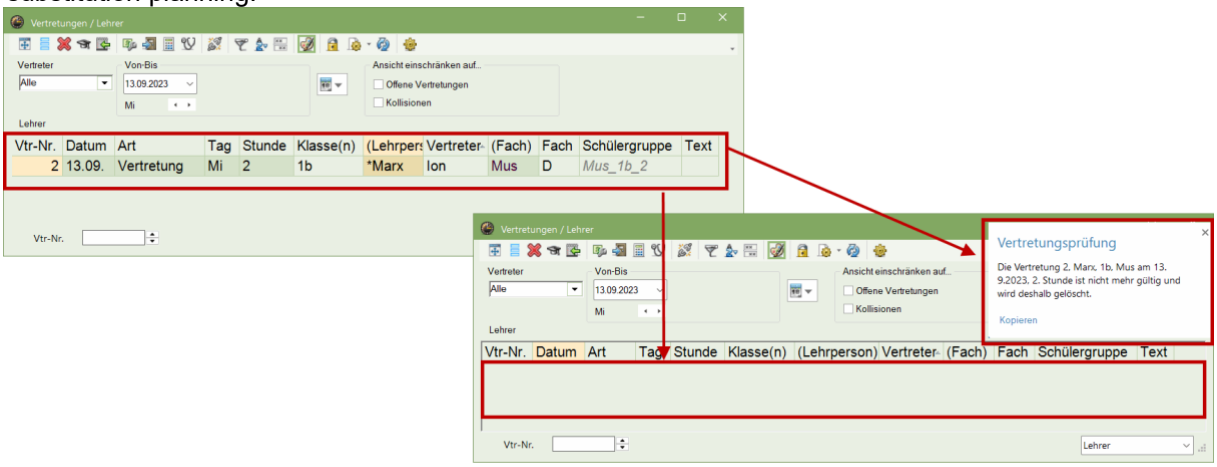

Klassen
Lehrpersonen
Räume
Fächer
Übersicht
Diagnose
Gewichtung
Optimierung
Planen
Planungswerkzeuge
Lehrveranstaltungen
Perioden
Periode1 (24.8.-17.7.)
Lehrpersonen / Lehrperson
LM
Name
Nachname
Wst
Soll/Woche
Realwert
Text
JM-Real
Leh*
LM
Lehmann
1
1.00
1.28
1.78
Lehrperson (Lehrer-Re
Lehrpersonen / Lehrperson
LM
Name
Nachname
Wst
Soll/Woche
Realwert
JM-Real
Leh*
LM
Lehmann
1
1.00
1.28
1.78
Lehrperson (Lehrer_Re


Klassen
Lehrpersonen
Räume
Fächer
Übersicht
Diagnose
Gewichtung
Optimierung
Planen
Planungswerkzeuge
Lehrveranstaltungen
Perioden
2. Halbjahr (5.2.-17.7.)
Lehrpersonen / Lehrperson
LM
Name
Nachname
Wst
Soll/Woche
Realwert
Text
JM-Real
Leh*
LM
Lehmann
2
2.00
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Lehrperson (Lehrer-Re
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LM
Name
Nachname
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Realwert
JM-Real
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Lehmann
2
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Lehrperson

4 Substitution planning

4.1 Automatic deletion of substitutions

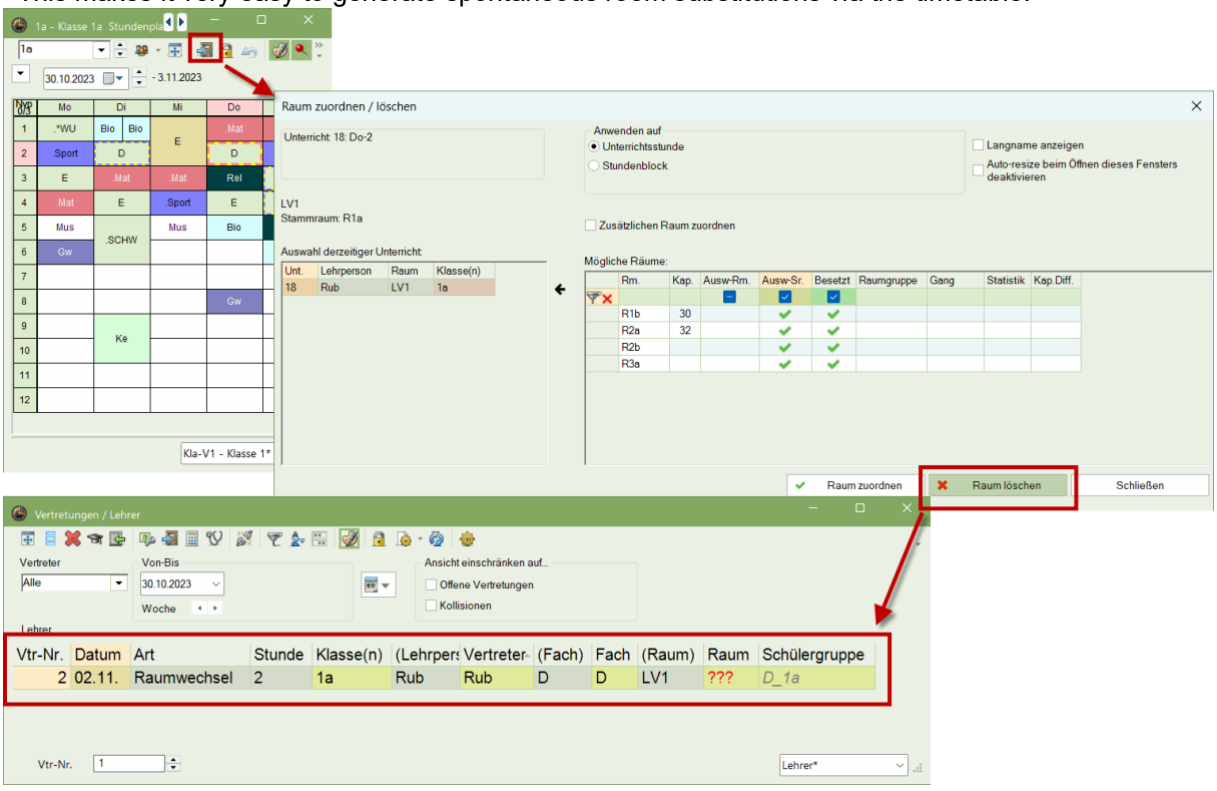
Since 2025.2.0, substitutions are deleted if the teacher is removed from the underlying lesson. A message informs you which substitution has been automatically deleted when you open the substitution planning.



4.2 Delete room

In Untis 2025.3.0, we have already activated the <delete room> function in the room assignment dialog for substitution planning, where it was previously missing.

This makes it very easy to generate spontaneous room substitutions via the timetable.



4.3 Student group in the reservations

The student group is now also displayed in the preregistrations.

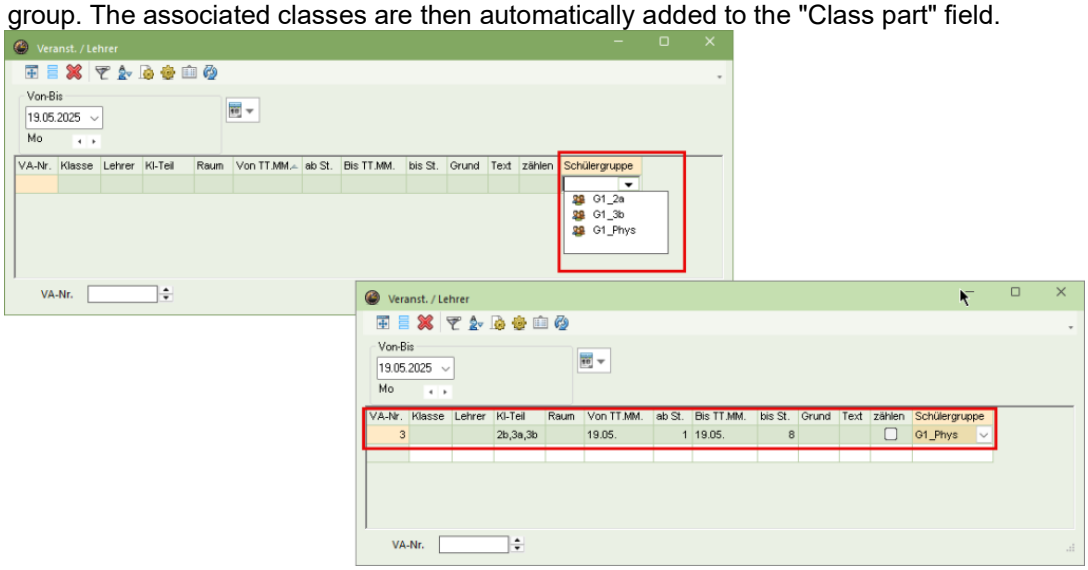


If a preregistration is entered, this field can also be edited. As with the events, the student groups of those lessons for which the class, subject and teacher match the preregistration are also offered.



4.4 Create events

Previously, it was only possible to assign a student group to an event that had already been created in Untis.
The task here was to first select the classes and then a selection of those student groups was displayed in the student group field that were actually associated with the classes entered. Now it is also possible to reverse the whole process. You can now also create an event by entering a student group. The associated classes are then automatically added to the "Class part" field.



5 Course planning

5.1 New total optimization

A completely new total optimization with a new algorithm and a new interface awaits you in course planning.
For this reason, the 64-bit version now also distinguishes between the new and the old total optimization.
In the 32-bit version of Untis, only the existing total optimization is available.



5.1.1 The new algorithm

For Untis 2026, we have formulated the total optimization problem in the course planning module as an integer linear optimization problem and used this as part of a new algorithm.
This not only improves significant results in the area of total optimization, but also represents a paradigm shift:
The new total optimization ensures that a fixed maximum number of weekly hours per grade level is not exceeded. In order to achieve this goal, more student collisions may be permitted.

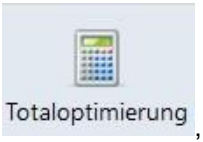
The new total optimization ·
reduces the planning effort.
· provides better band allocation.
· finds solutions with fewer hours per week.

This creates clearer assistance for resolving planning problems caused by ·
Student clashes instead of excessive weekly hours.
· Ignored time requests that can be specifically adjusted.

In a comparison of 11 schools (up to 3 grades, between 80-360 students and 60-200 courses), the new total optimization delivers better results in terms of weekly hours (average -4.1) and band occupancy (average +4%).

5.1.2 Interface and new functionalities

The new total optimization, which you can start by clicking on the <Total optimization> ribbon

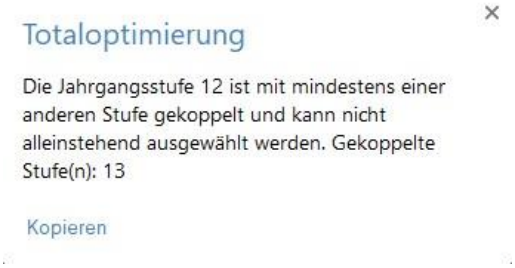


, guides you step by step in tabs through the necessary entries before optimization.

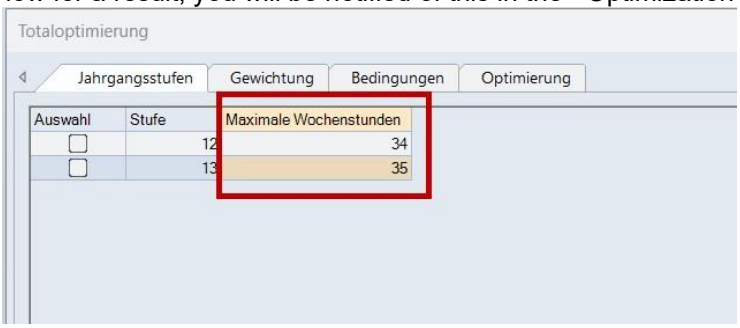
5.1.2.1 Tab 'Grades'

The Grades tab contains two functions.

You use the selection field to select the year groups for which you want to start the optimization.
For certain reasons, it may be necessary to optimize certain year groups together - for example, because classes from different year groups have been entered in a course. In this case, the affected year groups are also selected and an explanatory message is displayed on the right-hand side of the screen.



You can also enter a condition at this point that has not yet existed. You can enter a maximum number of hours per week per level that will not be exceeded. If the specified number of weekly hours is too low for a result, you will be notified of this in the <Optimization> tab.

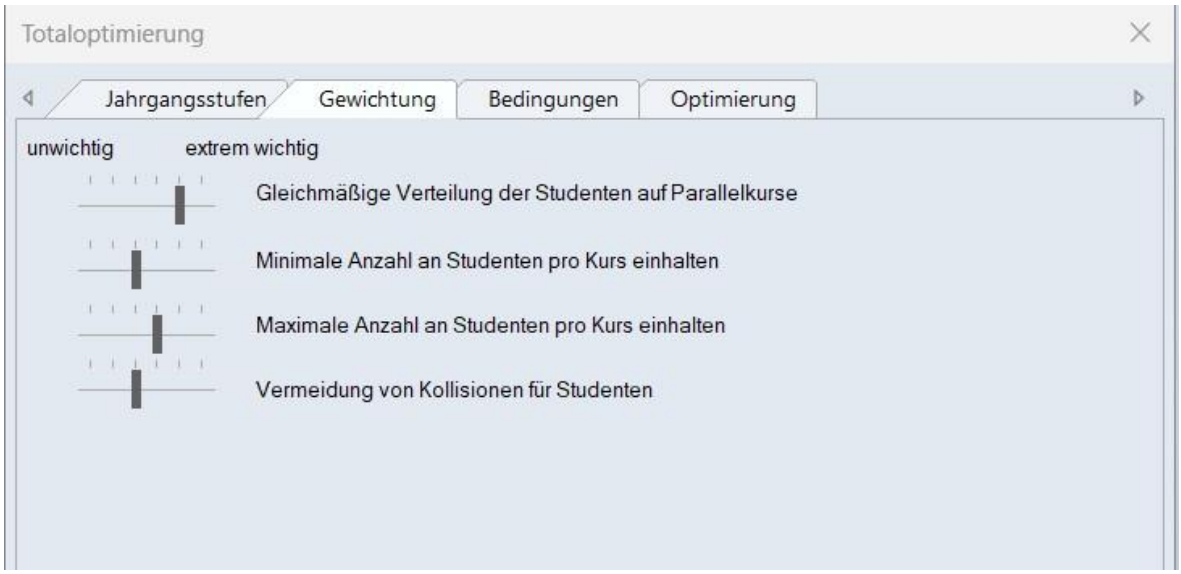


You can also enter and change this condition in the new '[Year levels]' window.

5.1.2.2 Tab 'Weighting'

The input of weighting parameters using numbers has been replaced by the tried and tested sliders.

These can be found in the Weighting window and also directly in the Total optimization window.

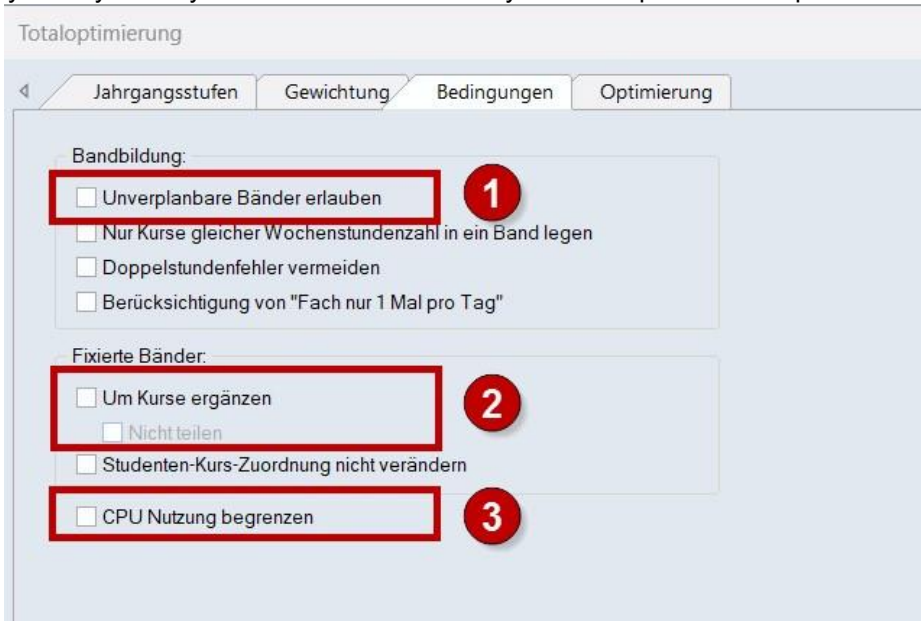


Note: The optimization normally gives preference to the best possible occupancy of a band over the minimum and maximum number of students per course. However, if you weight these two parameters with 'extremely important', the band occupancy is neglected in favor of the number of students per course.

5.1.2.3 Conditions' tab

In this tab, you can set additional conditions for the optimization run. The existing conditions from the previous total optimization have been retained, we have simply regrouped them.

There has been a change to the existing conditions and two new conditions have been added, which you may already be familiar with from last year's new partial area optimization.



1) You can now allow the creation of unplannable bands by setting this condition. This may be useful if you have entered many time requests but still want to adjust them. In an unschedulable band, courses can be scheduled whose time requests are generally mutually exclusive. This can achieve a better overall result.

2) The 'Do not split' condition is dependent on the 'Add courses' condition. Therefore, if you havecourses added to an existing band by the optimization, you can also define that this band should not be split.

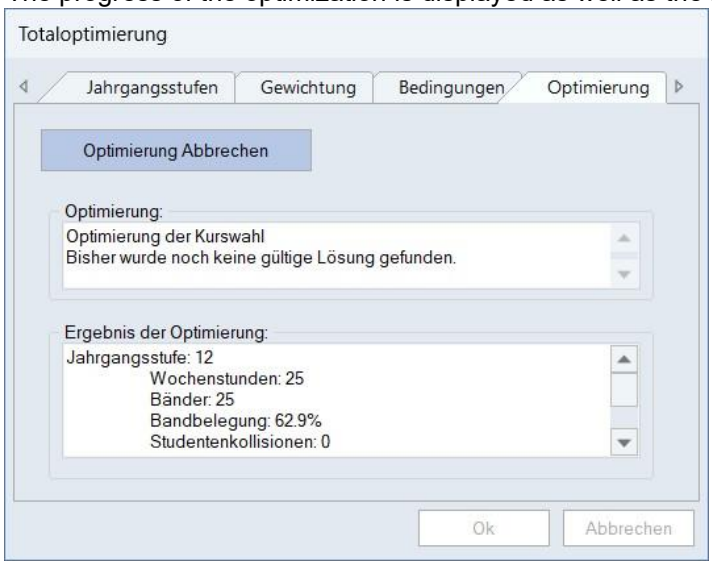
3) If you set 'Limit CPU usage', not all cores of your computer are used by the optimization and you can still work alongside the optimization run.

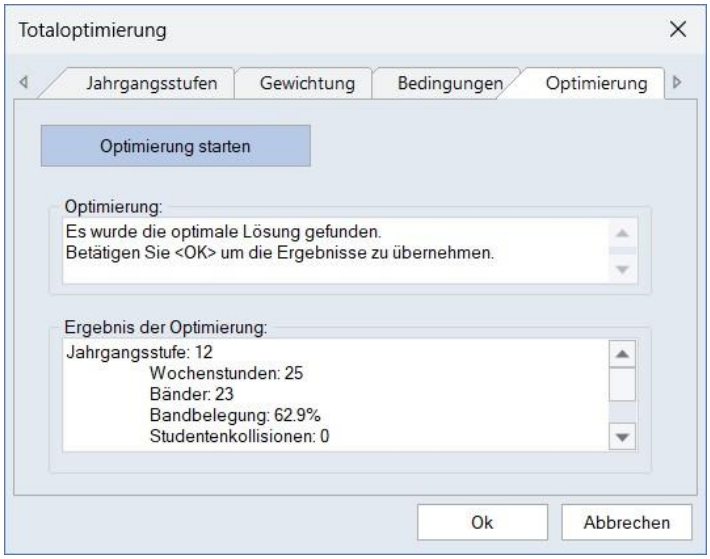
Note: Non-fixed bands
In the new total optimization, only those tapes that are fixed are used for the optimization run. Tapes that are not fixed are discarded.

5.1.2.4 Optimization' tab

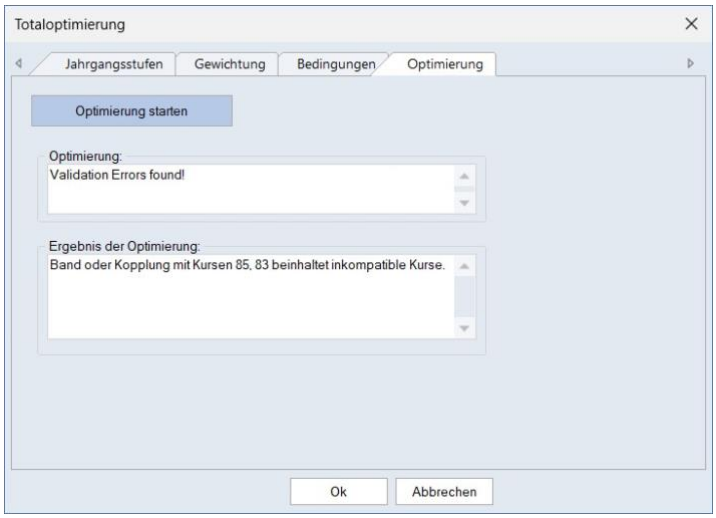
Once you have set all the conditions and parameters in the other tabs, you can start the optimization here.

The progress of the optimization is displayed as well as the result at the end of the optimization run.





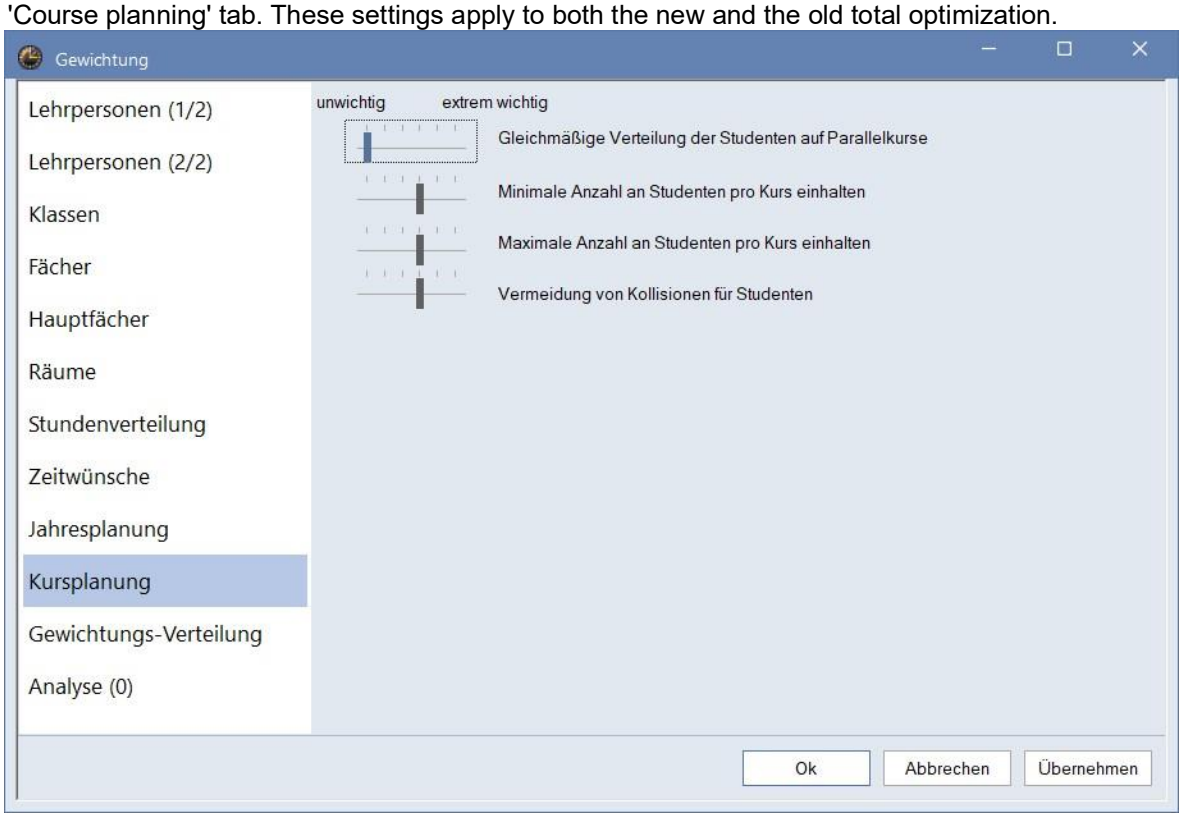
If certain constellations in your data prevent an optimization run, validation errors will be displayed in the lower part of the window. These must be corrected before the optimization can be started.



Click on <Ok> to accept the result at the end of the optimization, click on <Cancel> to not accept the result.

5.1.3 Weighting

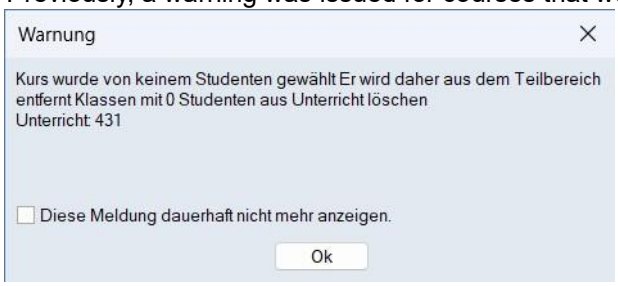
The weighting parameters for total optimization can now be found in the 'Weighting' window in the 'Course planning' tab. These settings apply to both the new and the old total optimization.



The entry of these parameters is synchronized with the ' Weighting 16 ' tab in the new total optimization.

5.1.4 Warning for courses without elections

Previously, a warning was issued for courses that were not selected by any students.



The courses were automatically excluded from the optimization run. For this reason, only a message is now displayed on the right-hand side of the screen for all affected courses.



5.1.5 Quality monitoring

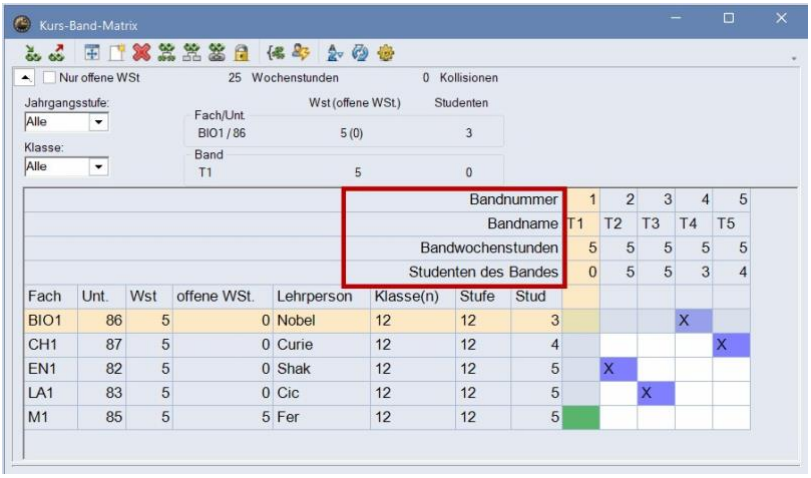
Untis 2026 collects data relating to the use of course optimization algorithms. No conclusions can be drawn about the school or the user. It only records which options are used in which combination in course planning, how complex the planning problems are and how good the solution quality is. By sending this data, we can develop new features and improve workflows in Untis in the future.

5.2 Course-band matrix

Four improvements await you in the course-band matrix.

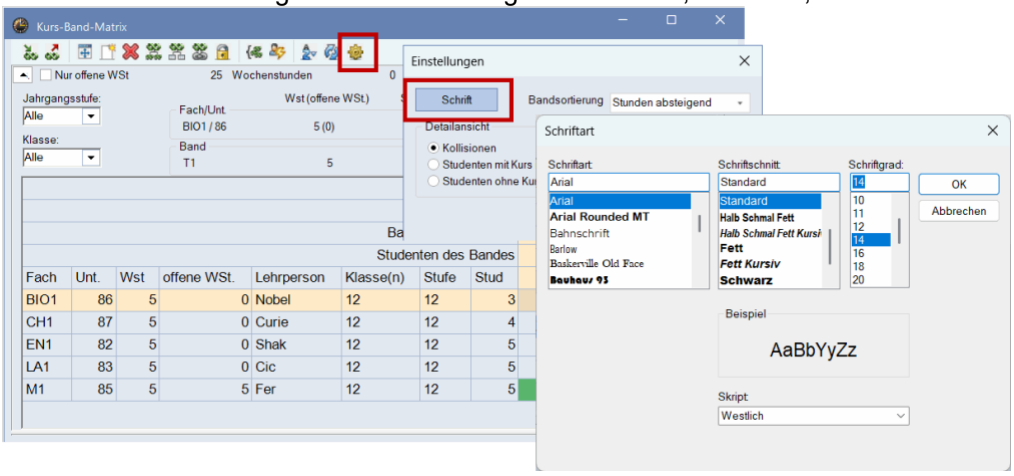
5.2.1 Line headings

The headers of the matrix have been given headings.



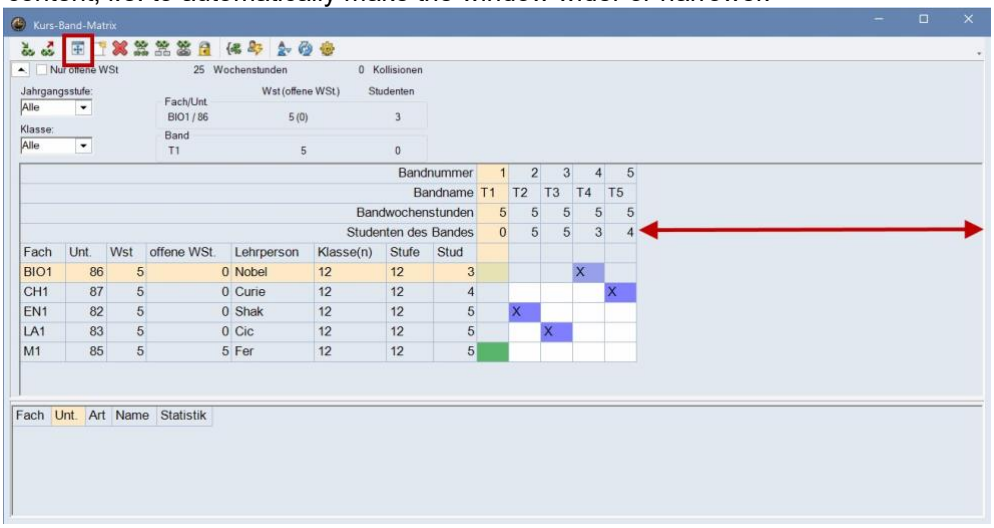
5.2.2 Font size

You can use the 'Settings' function to change the font and, above all, the font size.



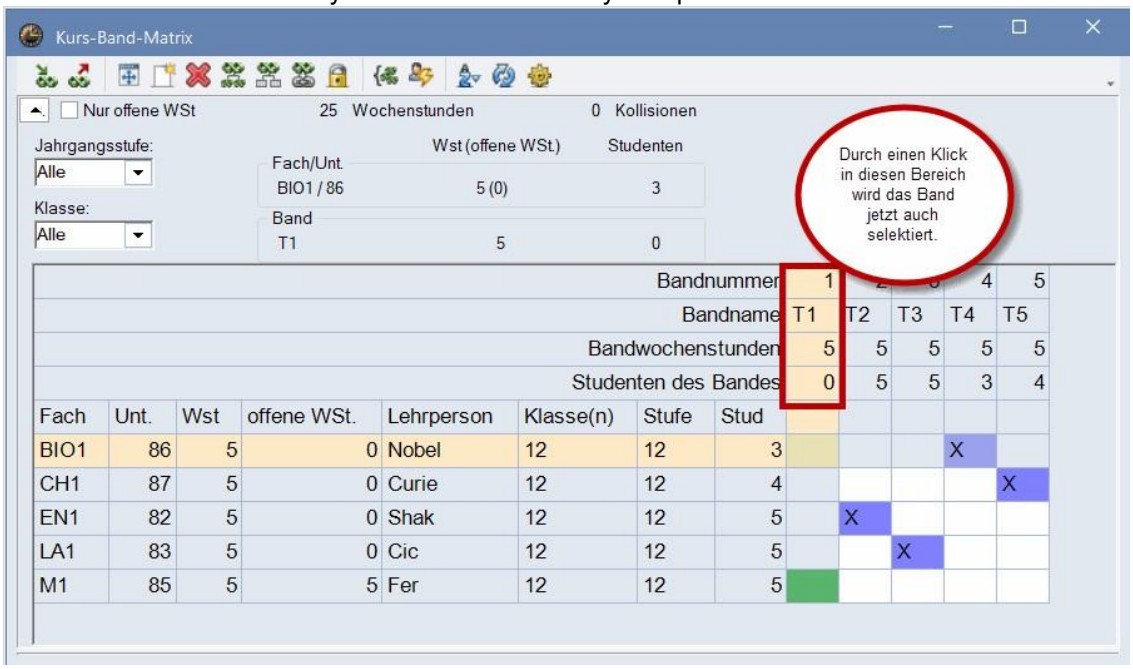
5.2.3 Adapt size to content

A new function in the toolbar of the course band matrix allows you to adjust the window size to the content, i.e. to automatically make the window wider or narrower.



5.2.4 Improved band selection

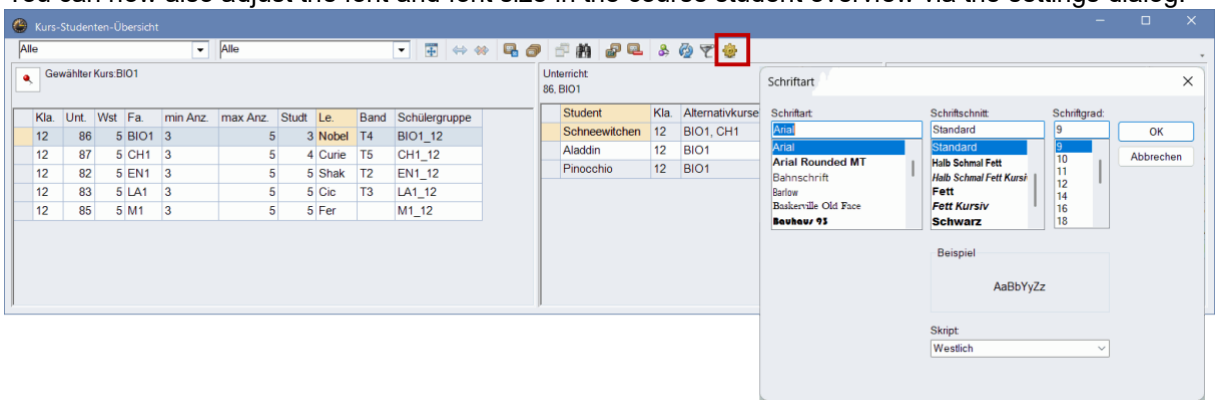
Previously, a band could only be selected by clicking in the white area of the matrix. Clicking in the header changed the sorting of the band, but did not select it. From version 2026, clicking in the header also selects a band so that you can delete it directly if required.



5.3 Course student overview

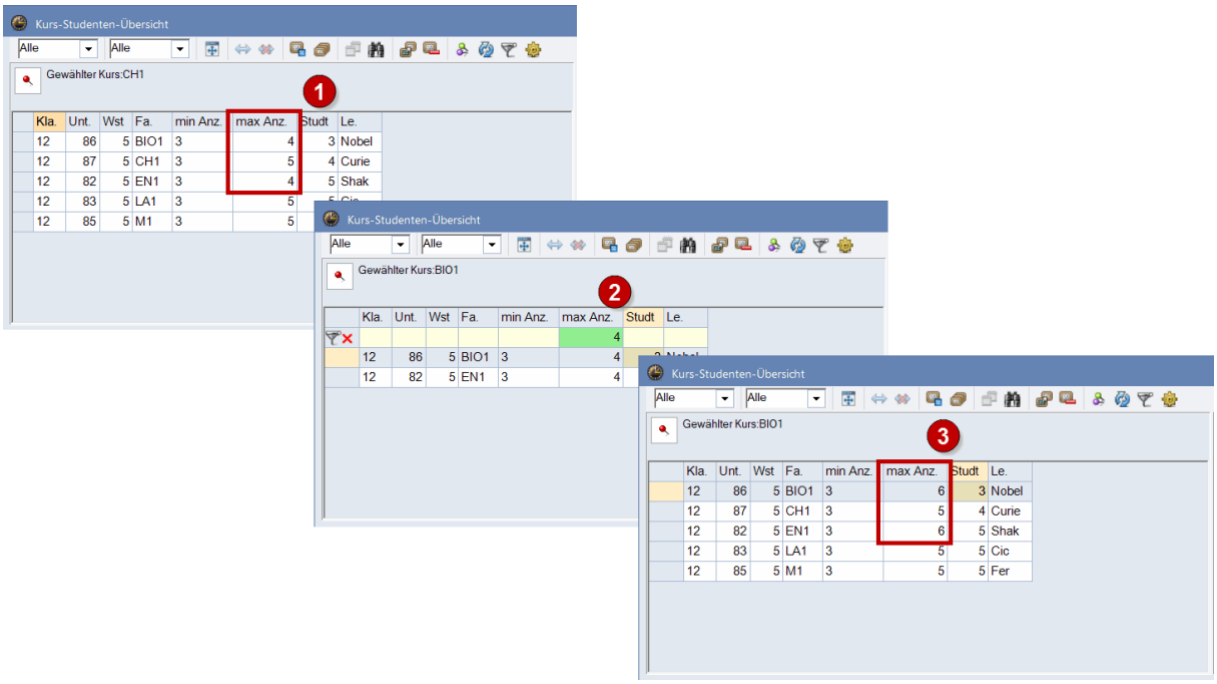
5.3.1 Font size

You can now also adjust the font and font size in the course student overview via the settings dialog.



5.3.2 Improved working with filters

You can now make simple series changes in the course student overview while using the filter function.



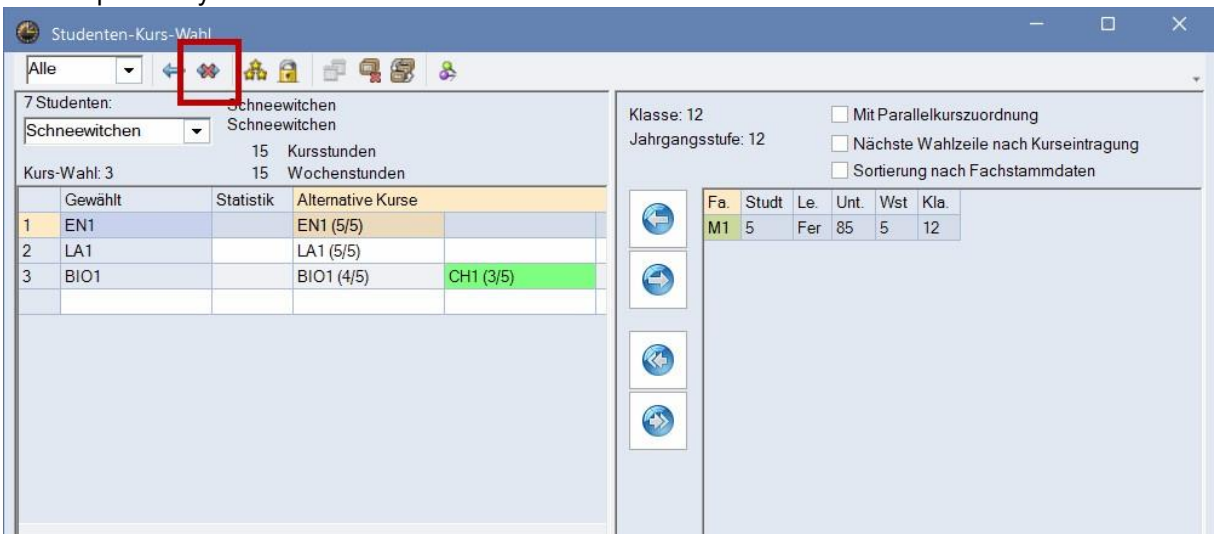
5.4 Changing the font size

You can now set the font and font size in the following 4 course planning windows.

- Course-band matrix 21
- Course-student overview 23
- Course-student-matrix
- Course-student-selection

5.5 New icon in the student course selection

In the 'Student course selection' window, the icon for deleting the student's course assignment has been replaced by another one.



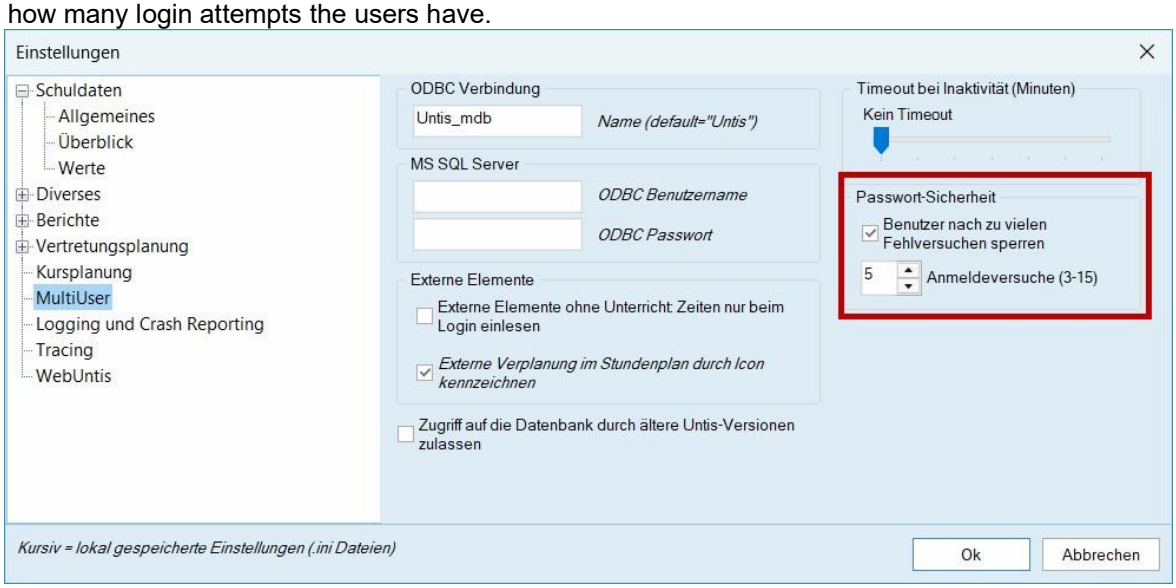
6 MultiUser

6.1 Password security settings

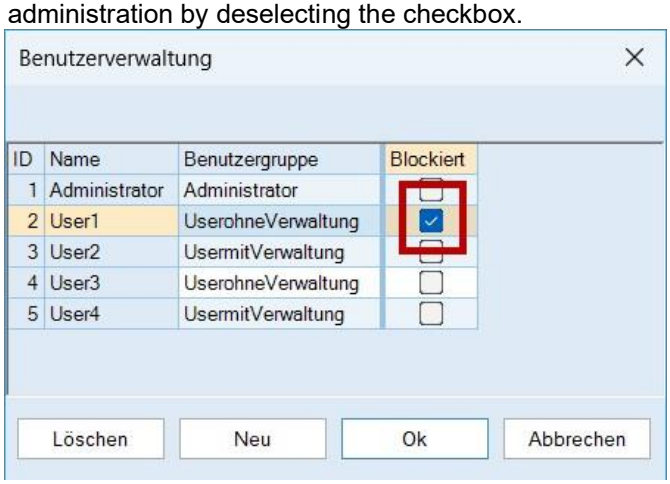
In the MultiUser environment, administrators can now set users to be blocked after a certain number of failed attempts.

6.1.1 For administrators

To activate this function, set the corresponding option in the settings dialog in the area and specify how many login attempts the users have.

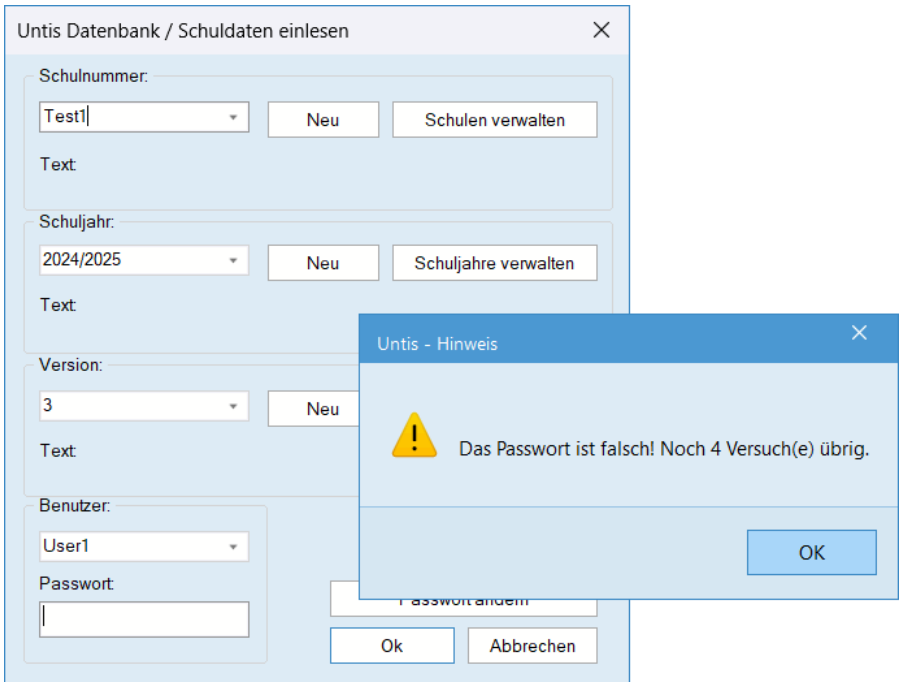


If a user has been blocked by several failed attempts, they can be reactivated in the user administration by deselecting the checkbox.



6.1.2 For users without administrator rights

If you enter an incorrect password, the following message appears:



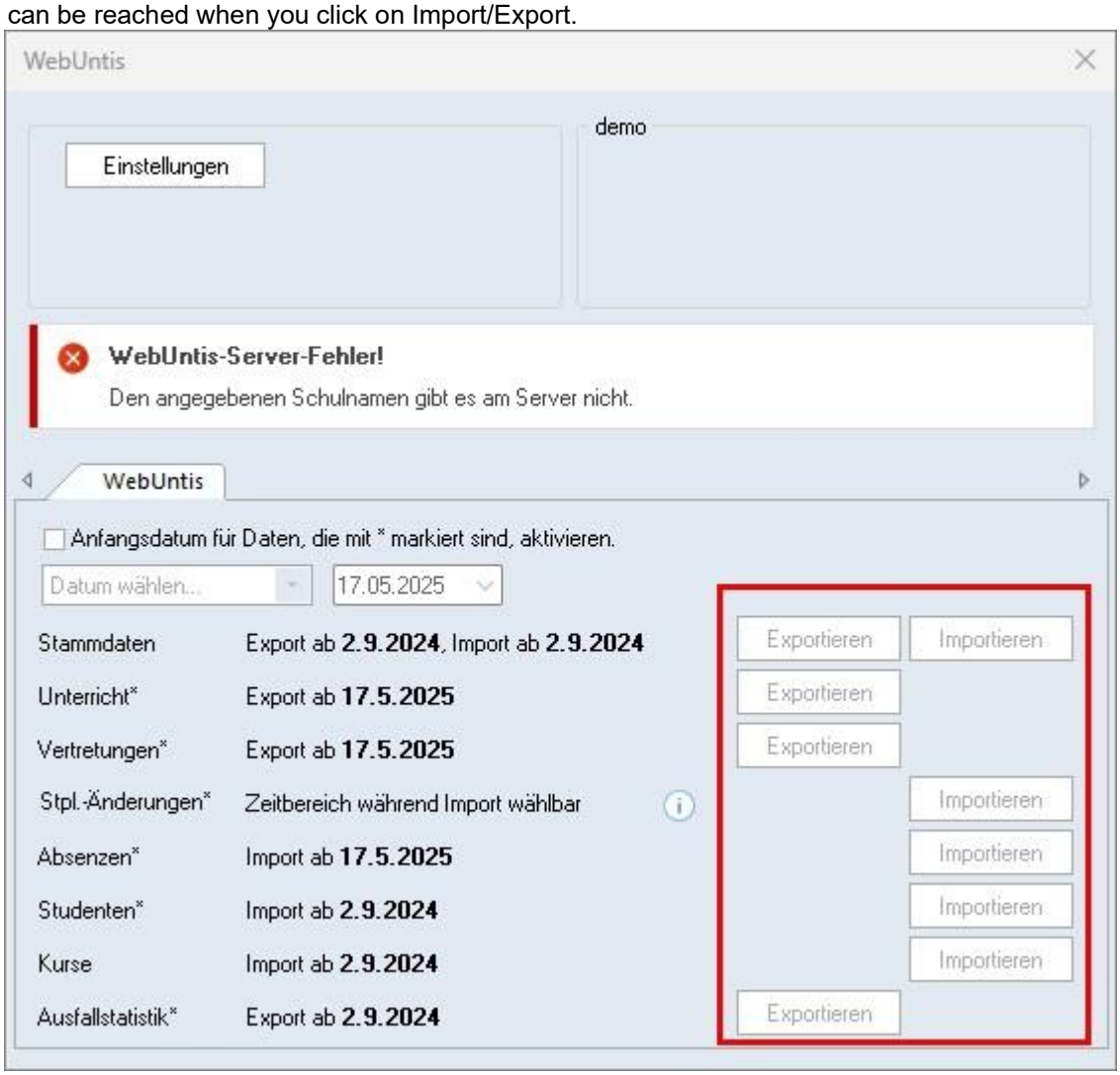
If you have exhausted the number of failed attempts, your user will be blocked. In this case, the administrator can unblock you again.



7 Data exchange Untis-WebUntis

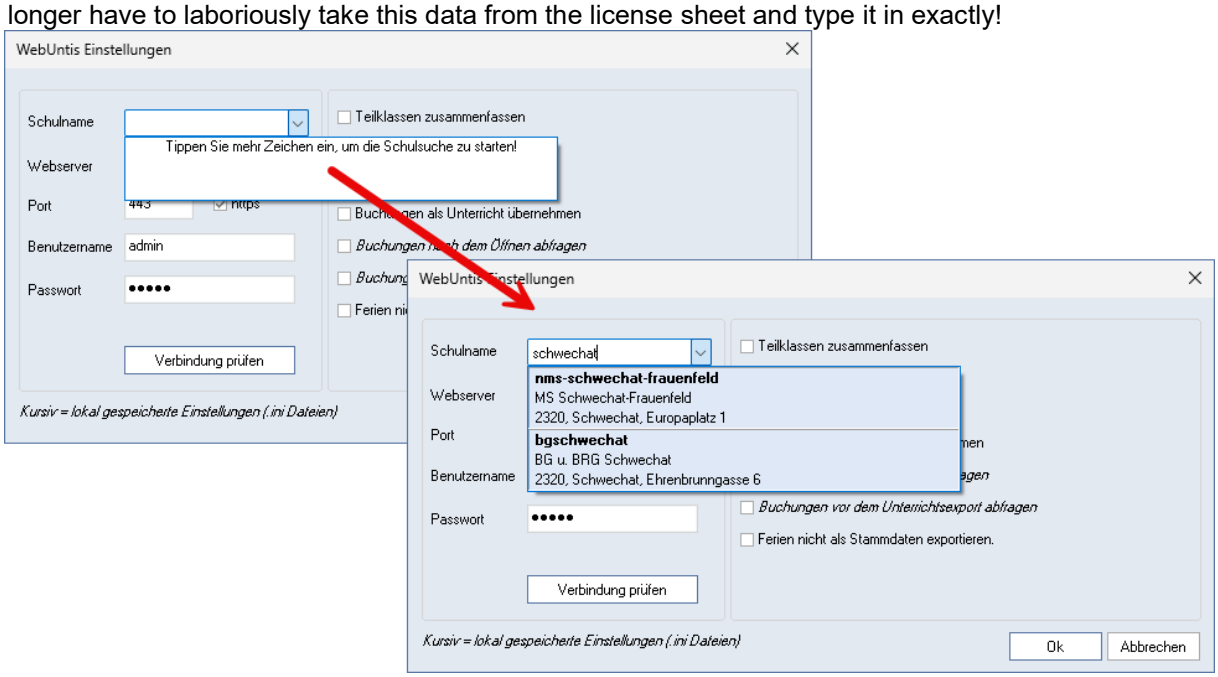
7.1 Export with inactive connection to WebUntis

Since 2025.0.0, when you open the WebUntis dialog, you can see whether Untis was able to establish the connection to WebUntis. If there is an error establishing the connection, you will not only be shown what the problem could be, but Untis will now also prevent you from interacting with the dialog until the connection can be established. This means that you can always be sure that the WebUntis server can be reached when you click on Import/Export.



7.2 WebUntis school search in Untis

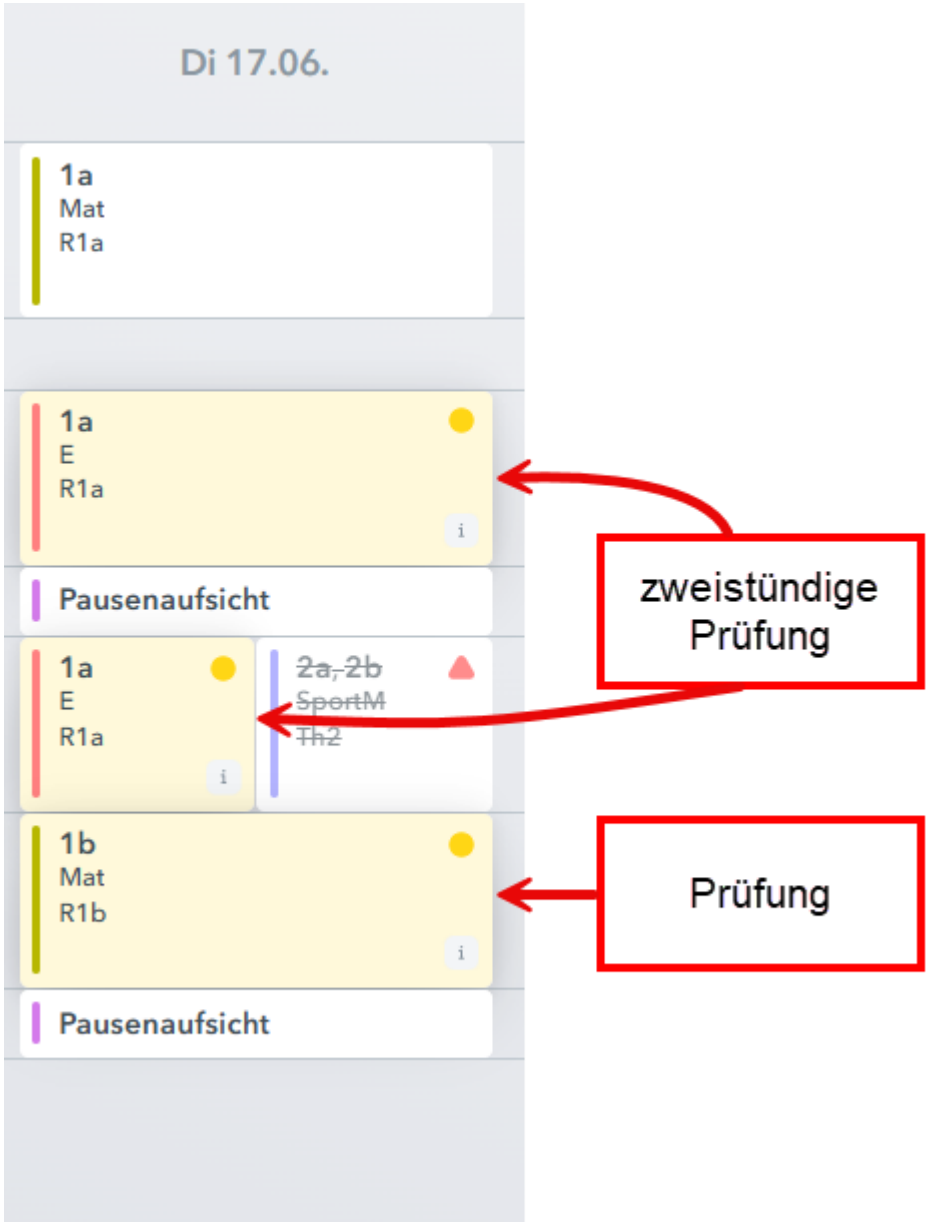
The WebUntis school search is now integrated in Untis 2026.
In the WebUntis settings, you can now enter the name of your school or simply the address and you will be shown suggestions from which you can select your school, just like in the browser. Now you no longer have to laboriously take this data from the license sheet and type it in exactly!



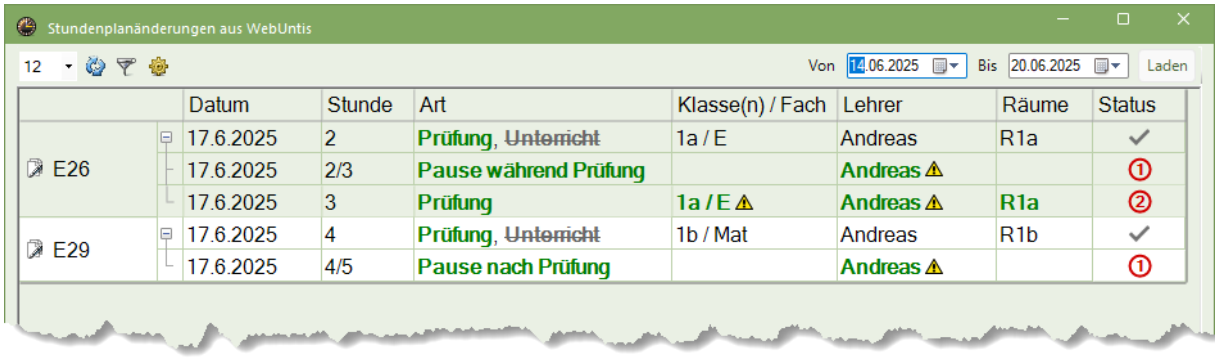
7.3 Break supervisors during exams

With Untis 2026, we have expanded the options in the timetable changes window from WebUntis to include break supervisors. Untis shows you conflicts by default if a teacher has a break supervision directly before or after an exam. In addition, a break supervision during an exam is always displayed as a conflict.

In the following example, two exams have been created in WebUntis. One with a break supervision during a two-hour exam and one with a break supervision directly after an exam.



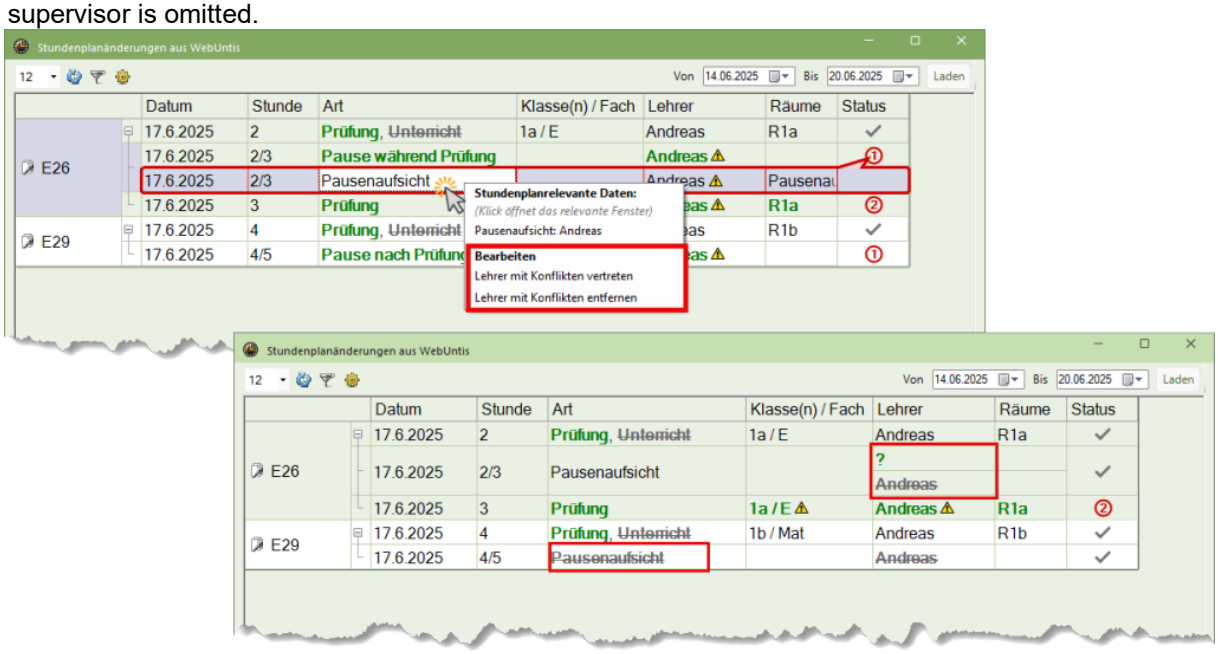
When you import these into Untis, you are informed that the break supervisors are treated as a conflict.



	Datum	Stunde	Art	Klasse(n) / Fach	Lehrer	Räume	Status
E26	17.6.2025	2	Prüfung, ~~Unterricht~~	1a / E	Andreas	R1a	✓
	17.6.2025	2/3	Pause während Prüfung		Andreas ⚠		①
	17.6.2025	3	Prüfung	1a / E ⚠	Andreas ⚠	R1a	②
E29	17.6.2025	4	Prüfung, ~~Unterricht~~	1b / Mat	Andreas	R1b	✓
	17.6.2025	4/5	Pause nach Prüfung		Andreas ⚠		①

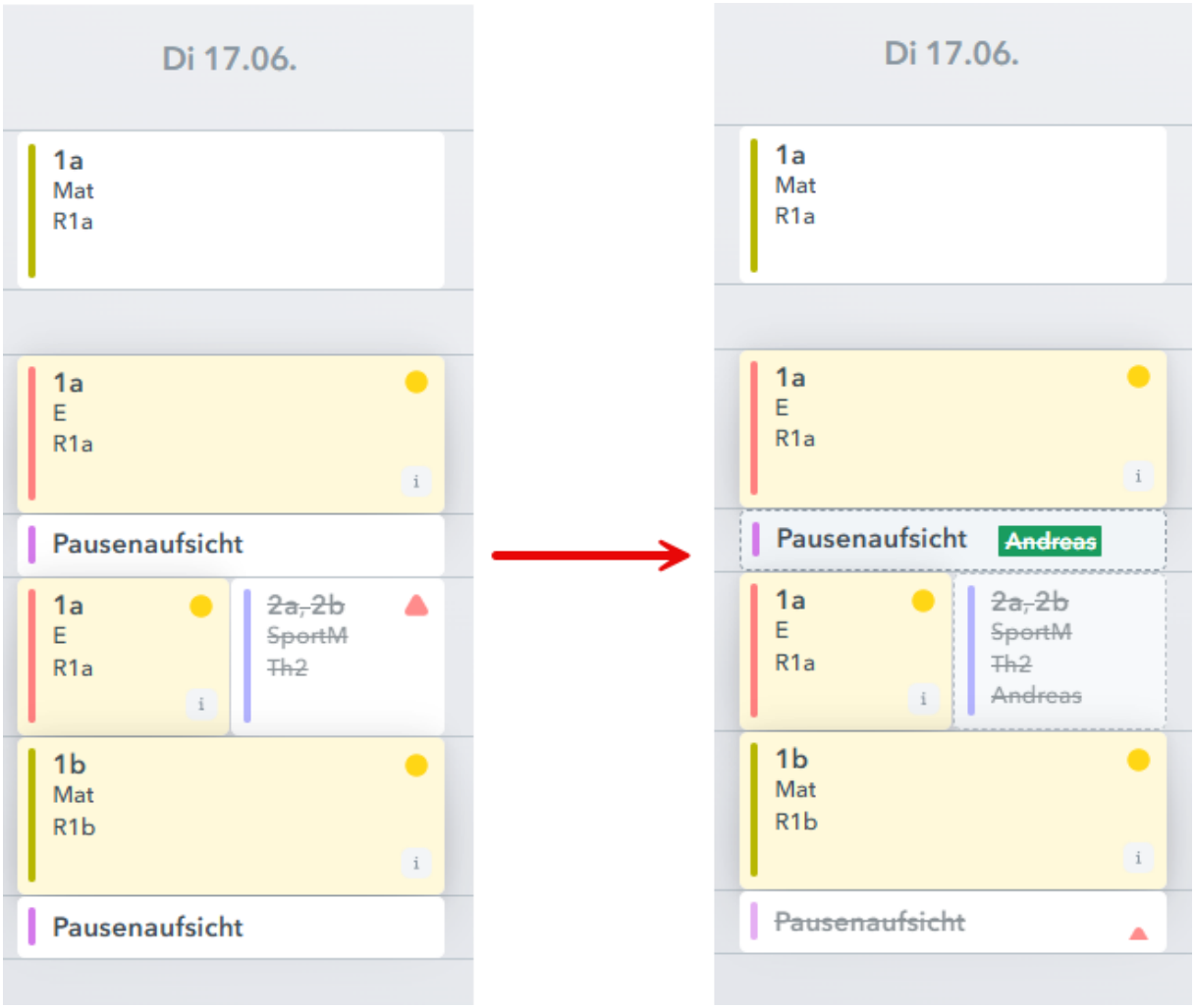
This was already possible for the most part in Untis 2025. From Untis 2026, this break supervision can now also be edited directly after a right-click.

On the one hand, you can define that the teacher of this break supervisor should be substituted, which creates an open substitution. On the other hand, there is also the option of removing the teacher from the break supervisor, which results in the break supervisor being removed. In the example, you can see that the first break supervisor is to be substituted, but the second break supervisor is omitted.

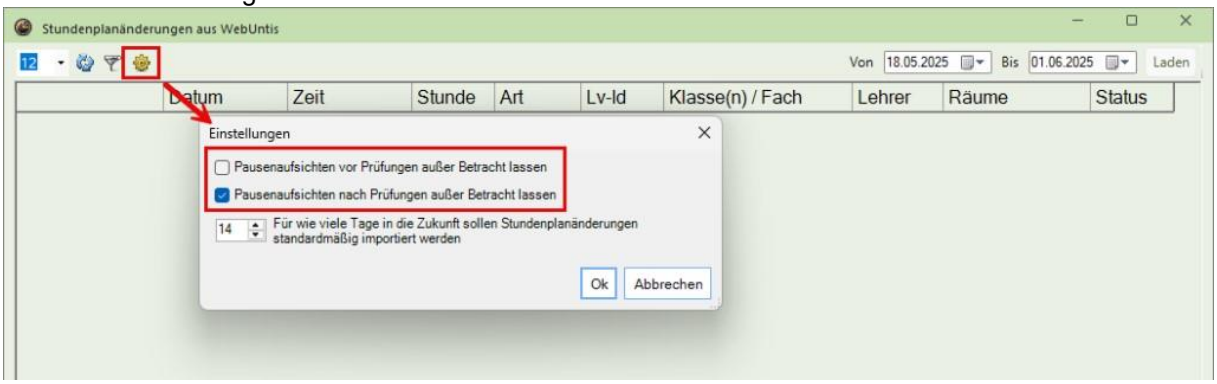


The special feature here is that the substitution window does not have to be opened in Untis at any time. The conflicts from WebUntis could be resolved directly during import.

In WebUntis, an export of this data (without the necessary insertion of a substitute for the first break supervisor) would look like this:



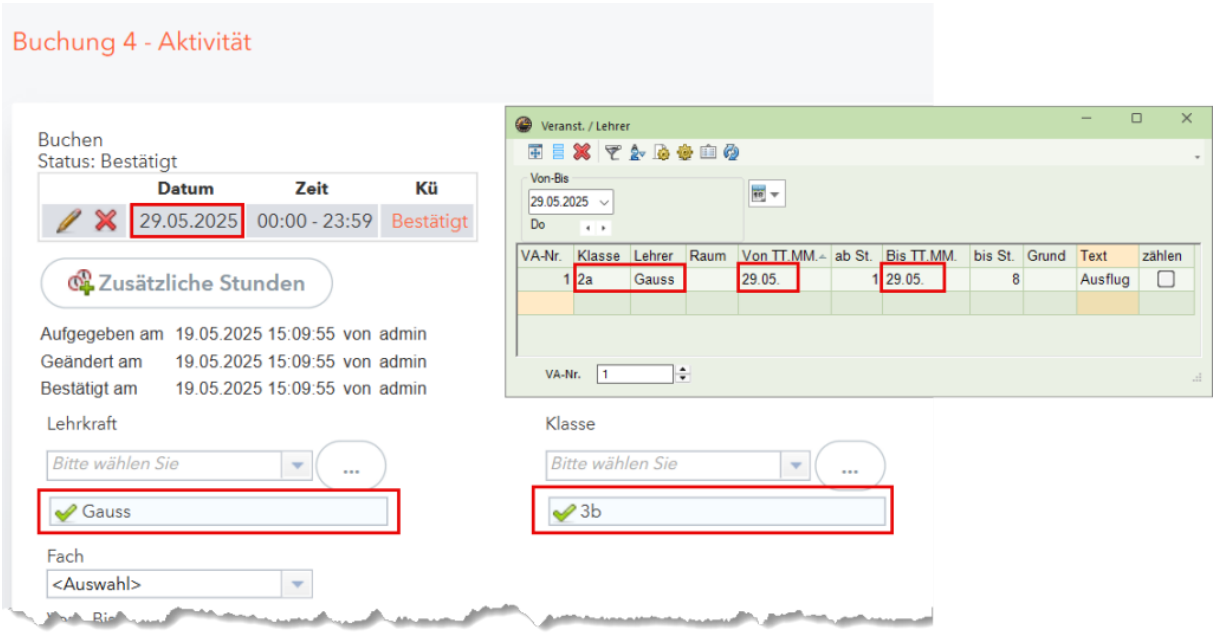
By the way, you can activate/deactivate the display of break supervisors as conflicts before and after exams via the settings.



7.4 Events as a conflict

By importing timetable changes, you can load bookings that you have entered in WebUntis into Untis. These are displayed in the 'Timetable changes' window and compared with the data from Untis to prepare you for any conflicts. Recently, events from Untis have also been used here.

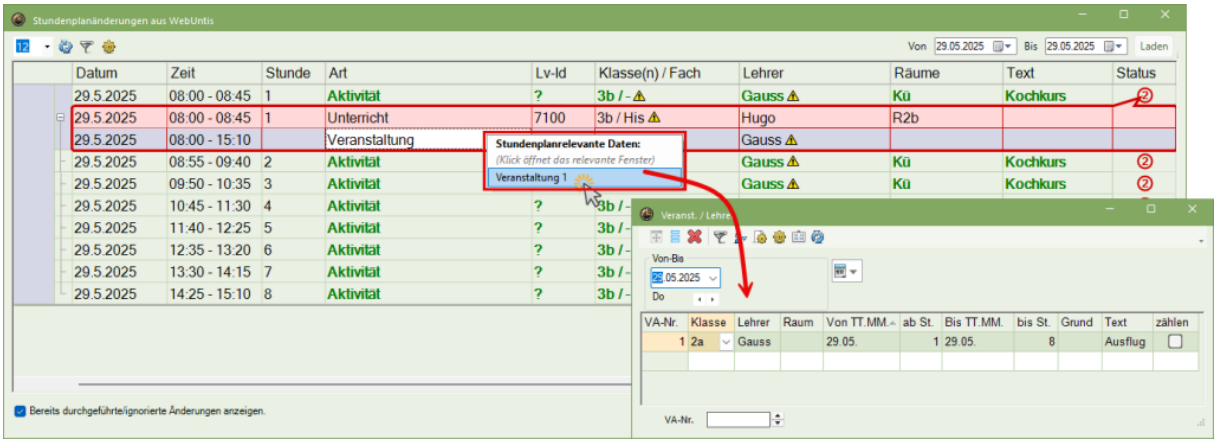
In the following example, you can see how a booking in WebUntis and a course in Untis collide. In this case, the teacher has been booked twice: she is supposed to hold a cooking course and take part in a school event at the same time.



If you now import the timetable changes into Untis, you can see the collision between the event from WebUntis and the class.

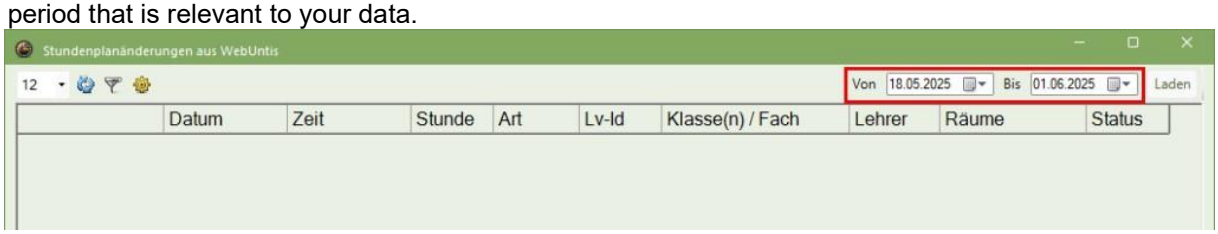


As with all other lines, it is also possible to display the elements that are affected here by rightclicking on them.

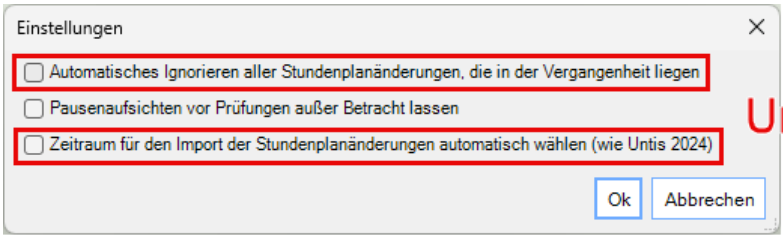


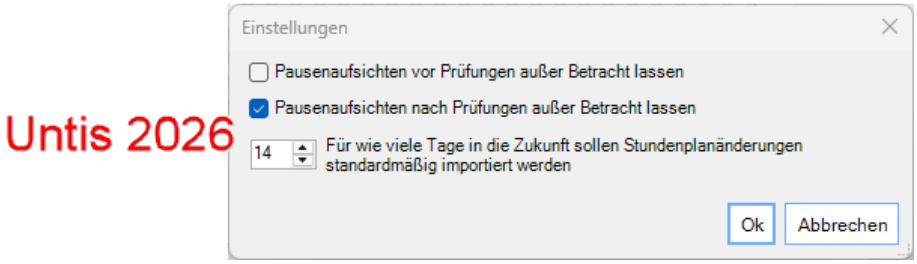
7.5 Time range for timetable changes

With Untis 2024 and the introduction of the new timetable change window, the bookings that could be relevant to you were automatically loaded. Through your valuable feedback and some iterations, we have now landed on the simplest solution and have long offered by default that you simply specify the period that is relevant to your data.



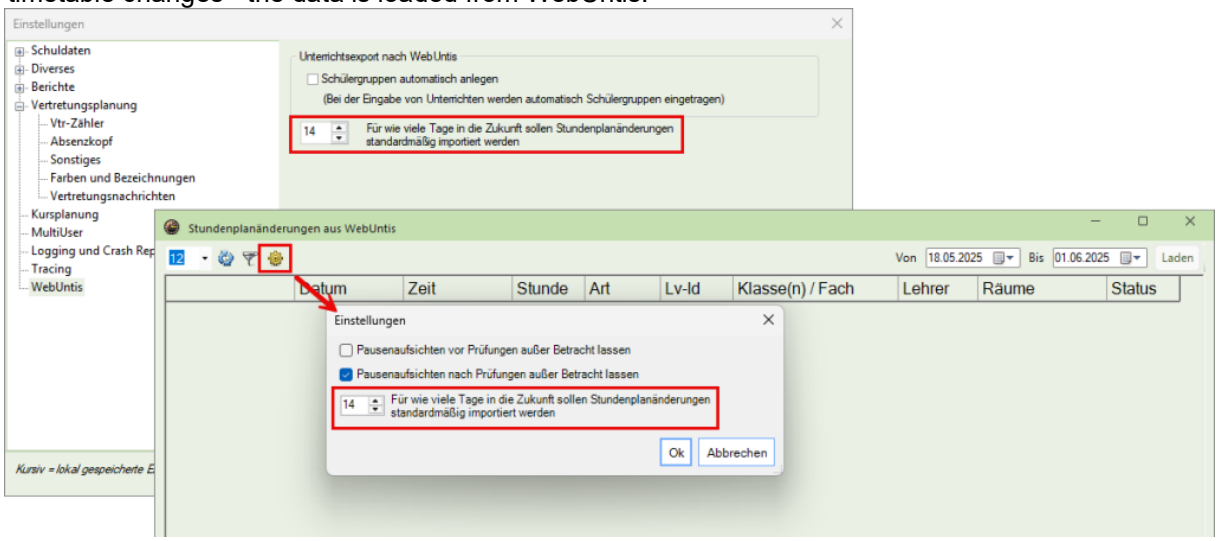
We have now finally removed this automatic calculation of the time range - both in Untis and WebUntis.







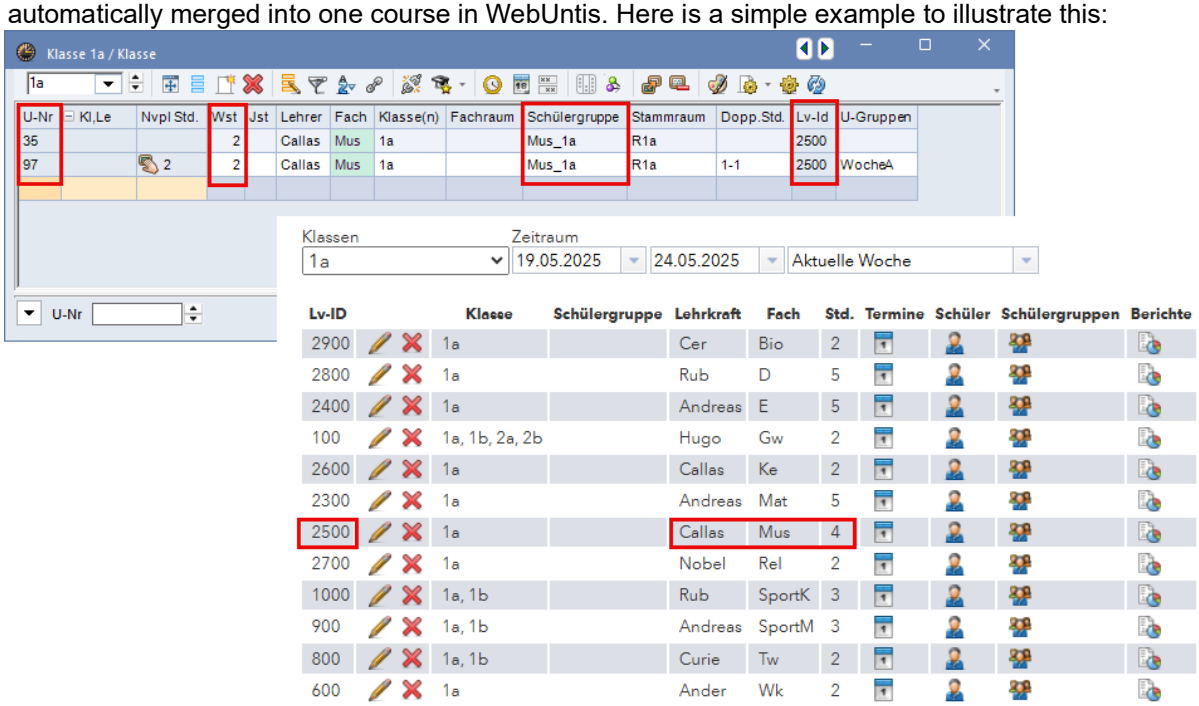
In addition, you can now configure how many days into the future - when opening the window for timetable changes - the data is loaded from WebUntis.



7.6 Texts for teaching

The difference between courses and lessons often causes confusion in Untis. On the one hand, this is because it reflects the fact that there are different teaching models in Untis and WebUntis. On the other hand, problems with courses are pointed out in Untis that only really become visible in WebUntis.

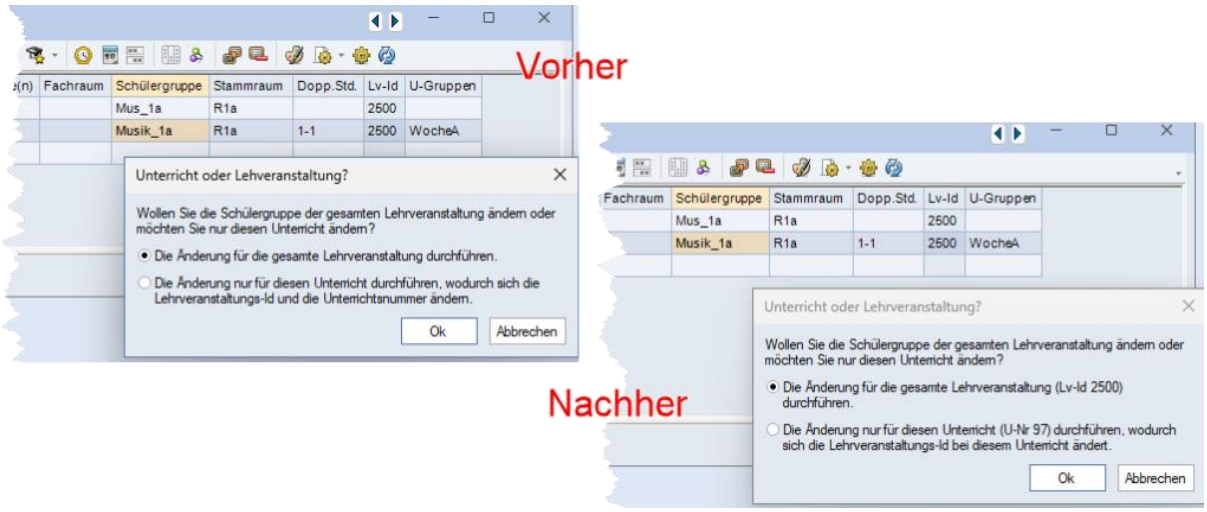
Here is a brief summary:
Untis and WebUntis use different teaching models. In Untis, the focus is on organizational planning, while in WebUntis the course serves as a unit for attendance, course material and performance assessment. Several Untis teaching units that relate to the same class, subject and student group are automatically merged into one course in WebUntis. Here is a simple example to illustrate this:



In the example, there are two Untis lessons for music. They involve the same students (because they are the same classes and the same group of students) and the same subject. For planning reasons, two lessons are created in Untis, as 2 units are planned as a double lesson every 14 days.
However, when these lessons are subsequently transferred to WebUntis, there should only be a single course for these two lessons in the class register.

This example should be used to illustrate the text change.

If the student group of a lesson is now changed in Untis, the question appears as to whether this change should apply to the lesson or to the course. We have improved the text here so that the IDs of the affected elements are now also displayed.



For the sake of completeness, here is an explanation of the effect of these two options:
If the change applies to the entire course, all lessons with the same Lv ID are adjusted so that the same student group is entered.
If the change only applies to the lesson, a new course is created. As a result, this would be a separate lesson in WebUntis with independent absence control, performance evaluation, etc.