

WISE TIMETABLE 5

Wise Timetable Release Notes



Wise Timetable
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Wise Timetable Release Notes



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Wise Timetable Release notes

INTRODUCTION

Wise Timetable is professional university and school scheduling software. It enables so many things to its users, such as manual and automatic course scheduling in multiple weeks (and in every week it can be different), web access and publishing by only one click, even most complex and largest timetables can be handled very easily, etc.

All of modules are already included in the license and software is suitable for all kinds of high educational institutions – universities, colleges, primary and secondary schools, tuition schools and further education institutions.

It is more than simple – by data entry all work is already done, software optimizes the whole schedule in 10 seconds! Wise Timetable software is made to meet any needs of any kind of educational institutions because it was made and updated according to direct requests and demands of so many educational institutions that already use Wise Timetable.

Therefore, our team tries to meet and satisfy all of those needs in order to have all of customers satisfied and works hardly to innovate and implement new functionalities and options in the software in order to have even better product for timetabling.

In this new version 5, there are a lot of new things, options and possibilities with program as for example easier replacement of terms, iCalendar incorporated in e-mails with timetables, option to disable some term, and a lot of other options released which you can notice within this whole paper, starting immediately from the very first heading.

Download demo version 5 on our official website and try Wise Timetable totally for free!

Keyboard shortcuts

We revised keyboard shortcuts available in Wise Timetable – especially for function keys. Now, some very often used screens are accessible also with function keys. Here is the list of all function keyboard shortcuts:

F1 - content sensitive help

F2 – Settings → Miscellaneous

F3 – Edit courses (opens select courses screen)

F4 – Room view – overview of all the rooms

F5 – Select View by Room – main view

F6 – Select View by Lecturer – main view

F7 – Select View by Group – main view

F8 – Select View by Course – main view

F9 – Lecturer View – overview of all the lecturers

F10 – Plan final exams

F11 – Invoke »Full screen edit« screen (popularly »Magnetic Board«)

F12 – Invoke »Substitutions« module (Cover planning)

SHIFT + F10 – Untouched reservations: make all reservations made on the web »fresh« - signed as »new«, so when editing different timetable you can import them again as »new«

CTRL + F10 – manual check for modifications in database – new reservations,... Shows history log screen. This will not work if database is »Deactivated« previously in History log screen

SHIFT + F11 – reload all the language settings, color schemes, etc... So, if you changed these configuration files while program is running, you can refresh it all here.

SHIFT + F12 – generate automatically all the web passwords for professors. If password already exists it is NOT overwritten. In directory *c:\ProgramData\WiseTimetable* the file TutorPasswords.txt is created in order to let you collect passwords in one place (and inform professors if you like). The file looks like this:

1. GILBERT JAMES: GILBERTJ489
2. WEBB EDWARD: WEBBE604
3. WILLIAMS ELLEN: WILLIAMSE963
4. COLWELL RITA: COLWELLR166
5. YORKE ROBERT: YORKER326

....

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Passwords are created as combination of surname, first letter of the name and random number at the end.

CTRL + F12 – generate automatically all the web passwords for groups. If password already exists it is NOT overwritten. In directory *c:\ProgramData\WiseTimetable* the file TutorPasswords.txt is created in order to let you collect passwords in one place (and inform students if you like). The file looks like this:

1. AFM1-1: AFM11232
2. AFM1-2: AFM12380
3. AFM1-3: AFM13311
4. BAM1-1: BAM11273

...

Passwords are created as combination of group name and random number. Delimiters and special characters are always ignored.

SHIFT + INSERT – this is the same as SHIFT + F12 but passwords are always forced to be overwritten even if there is defined password

CTRL + INSERT – this is the same as CTRL + F12 but passwords are always forced to be overwritten even if there is defined password

RIGHT ARROW – shift week slider to the right

LEFT ARROW – shift week slider to the left

At groups screen (Edit → Groups) you can press:

Enter: to confirm input for all groups

Double click on group: to edit table cell (like group name or email...)

When table of groups is selected you can press first letter of »Edit« button (different name in different languages and software automatically recognize what is first letter for particular – current language used) – for editing of groups.

CTRL + R - change mode to reference mode – in this case when you select some course on the main screen and then change view (by pressing F5-F8 or selecting it from menu) then corresponding room or corresponding professor is automatically selected in other view

CTR + R - again – returns to SWAP mode – thus enabling moving course across the main screen (these modes are visible by showing »REF« or »SWP« sign at bottom right of the main screen.

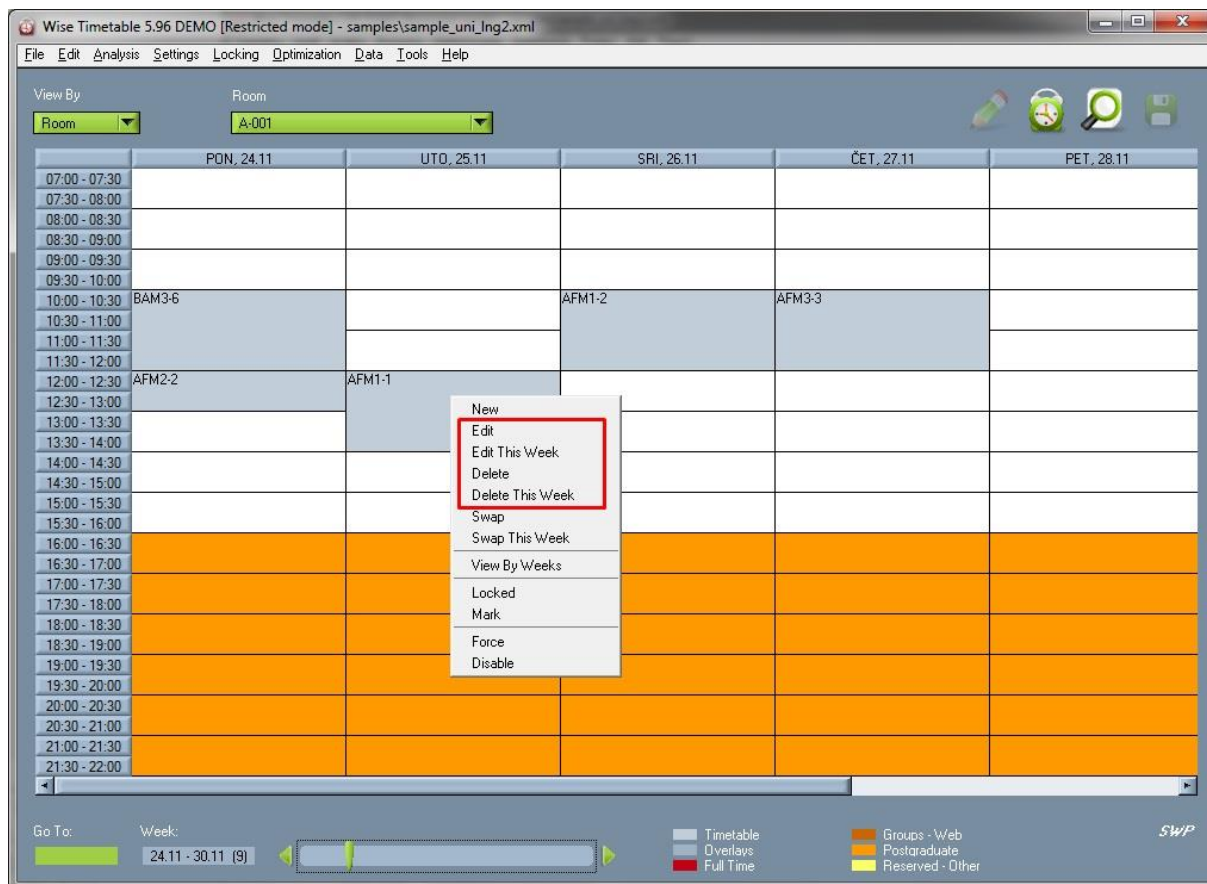
Chapter 1

Changes between versions 5.85 and 5.96

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1. Editing reservations from the main screen

To edit reservation from the main screen make right mouse click on the reservation and you will be able to see 3 new options (before this was dimmed for reservations). New options are: Edit, Edit this week and Delete.

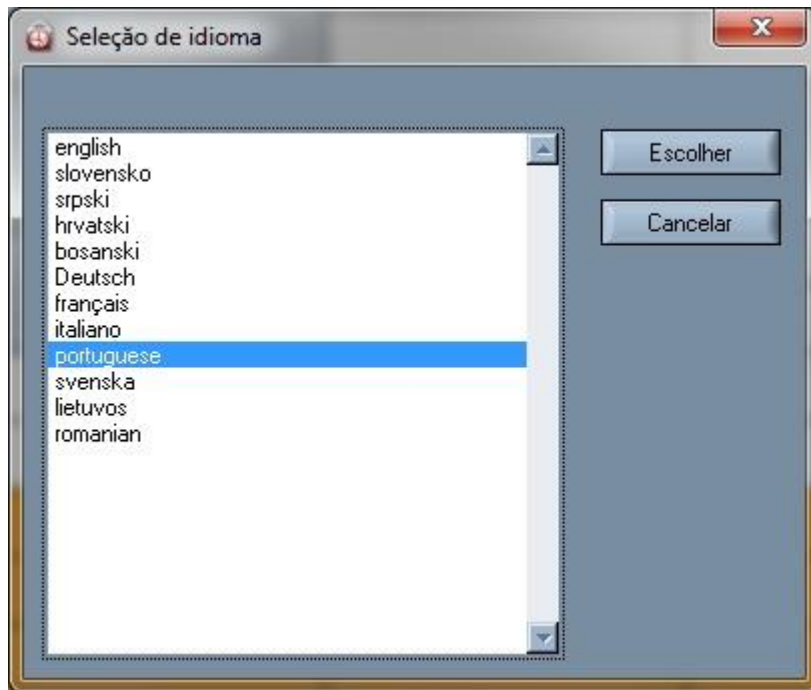


Edit functions leads directly into reservation edit screen. Before this was possible only by editing corresponding entry – Room, Lecturer, Group, etc.

When delete only for this week, reservations will be splitted into two parts (before and after this week) – or remain in one piece if this is the first or the last week of the reservation duration

2. Wise Timetable supports Portuguese language

With this version Wise Timetable supports Portuguese language including PC application, web modules and help.



3. New system for data recovery

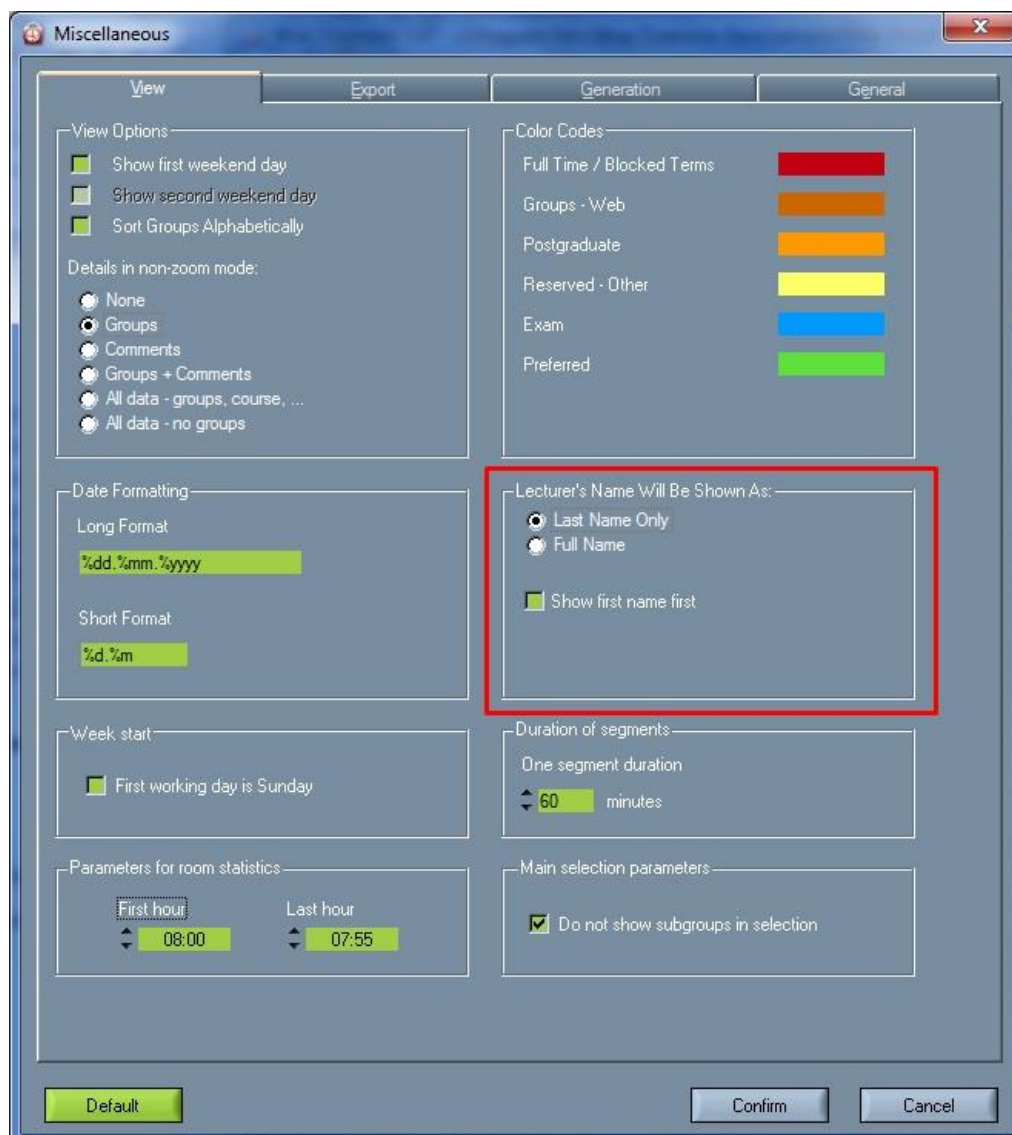
There is complete new system for data recovery if something goes wrong with the computer all application (or accidentally deletion of data). Software now save the file every 8 minutes in background into recovery file. This saving is not visible to user and is done by involving separate thread in Windows system – making everything in background. Not only one recovery file is saved but 9 of them – effectively covering period of 9 x 8 latest minutes of work and one file from yesterday (the name of that file contains »OLDFILE«). So user can pick from various stages of edited data. Recovery files are complete xml files – containing complete timetables. These files are stored in directory `c:\ProgramData\WiseTimetable` (or on XP systems – still supported by the product - in installation directory/config). Here is example of these recovery files:

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10LDFILE09-13 utorak septembar 23 2015.xml
1RECOVER09-13 srijeda septembar 23 2015.xml
2RECOVER09-26 srijeda septembar 23 2015.xml
3RECOVER09-34 srijeda septembar 23 2015.xml
4RECOVER09-42 srijeda septembar 23 2015.xml
5RECOVER09-50 srijeda septembar 23 2015.xml
6RECOVER09-58 srijeda septembar 23 2015.xml
7RECOVER10-06 srijeda septembar 23 2015.xml
8RECOVER10-14 srijeda septembar 23 2015.xml
9RECOVER10-22 srijeda septembar 23 2015.xml

4. Better order of lecturer's name/surname in exporting into PDF files

Now exporting into PDF files takes care about proper order of Lecturer's name/surname. User can choose format of displaying lecturer's name. This is defined in Settings → Miscellaneous → View.



5. Screen options

5.1. New ways of exiting the screen

Now all screens in Wise Timetable system can be exited by pressing ESC or ENTER keys. Rare exceptions are screens like Course selection screen – because ENTER in that case goes into editing of the Course, View Rooms and View Lecturers.

5.2. New ways of entering into editing screens

Now F12 keyboard shortcut is changed to different functionality - when on the main screen choose View you want and press F12 and edit screen for chosen view will open. Before this was possible only by going into menu Edit → Rooms/Lecturers/Programs/Subject Areas/Groups/Courses/Students.

Choose **View by Room**, choose specific room and press F12 key and edit screen for that room will be opened.

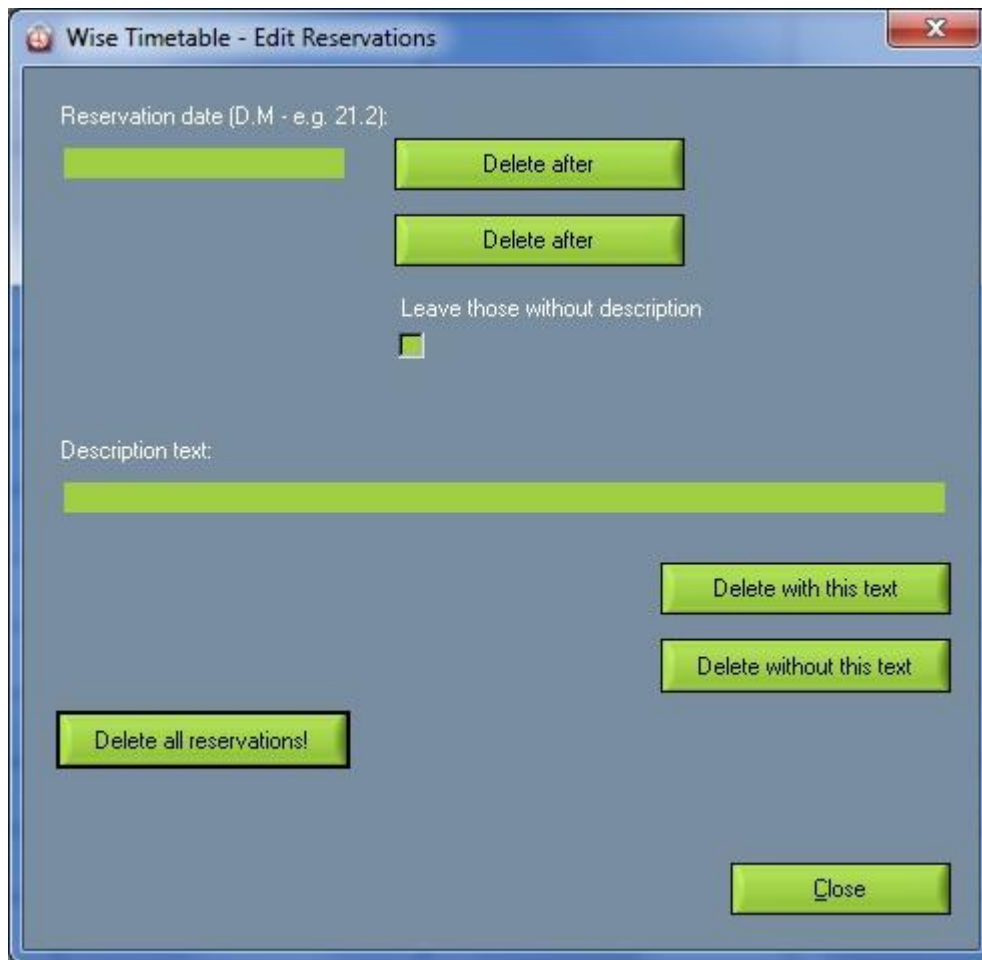
Choose **View by Lecturer**, choose specific lecturer and press F12 key and edit screen for that lecturer will be opened.

Choose **View by Group**, choose program, subject area year, specific group and press F12 key and edit screen for that group will be opened.

Choose **View by Course**, choose program, subject area year, specific course and press F12 key and edit screen for that course will be opened.

6. Edit Reservations

Edit Reservations screen is available at Tools → Edit Reservations. We made this screen for better handling reservations – in order to delete many reservations at once. It is possible to choose to delete according to dates or according to content (text description inside the reservation):

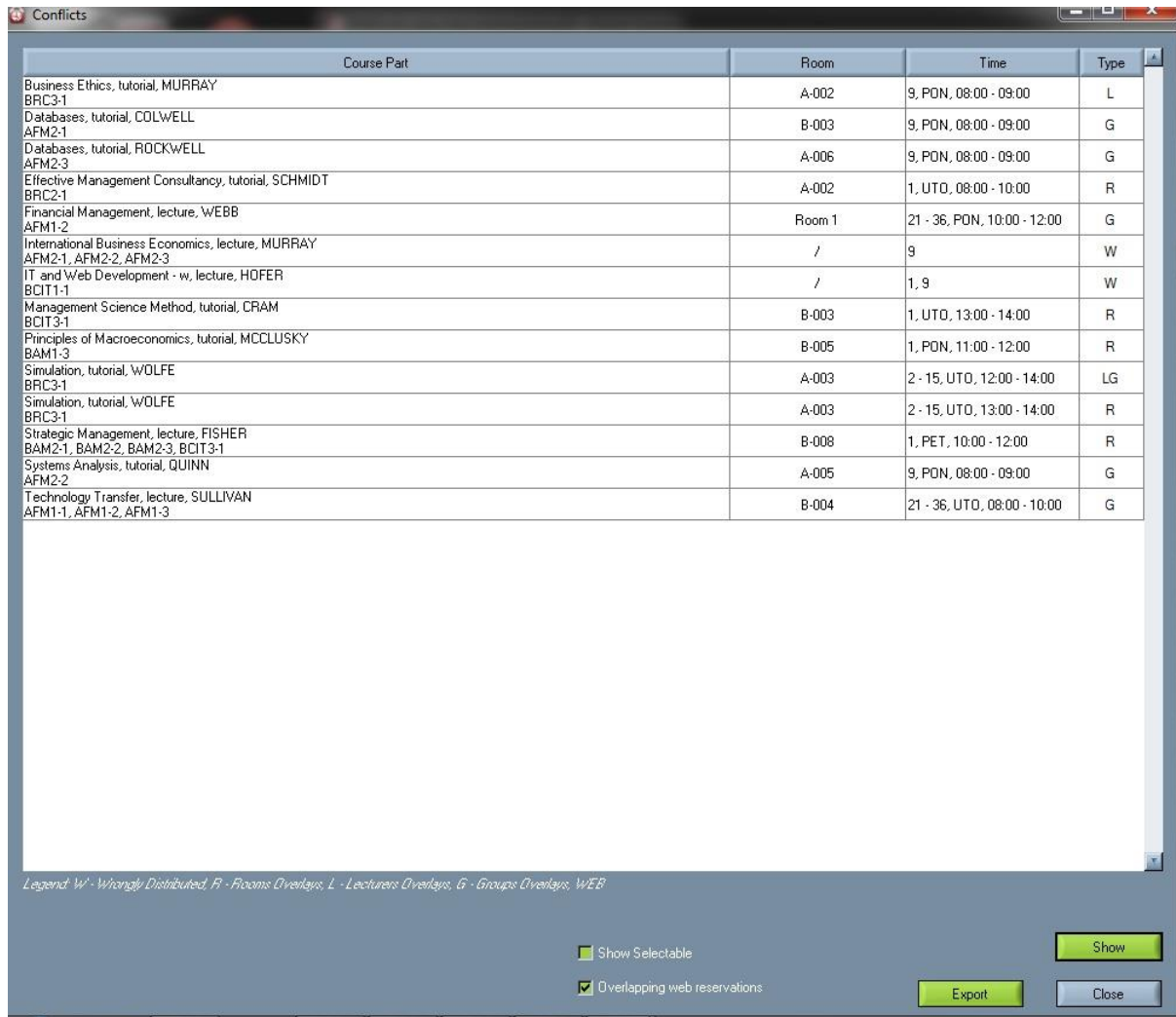


7. New procedure for users which work on different programs

There is new procedure introduced for concurrent users which work on different programs. With this option we publish to central database only those schedules which are defined for my local computer. With this procedure we do not have to wait for other user to finish their timetable editing because of locked database – because we publish only programs which are edited on local computer. This procedure is possible only if programs are really distinctive and no many overlapping schedules are from different programs. For each computer we define list of programs in text file (each program name in separate lines) named: syncsPrograms.txt stored in directory *c:\ProgramData\WiseTimetable*. This file can be accessed from two places: Data → Sync schedules and Settings → Miscellaneous → General → syncsPrograms.txt.

8. Conflict window can be resized

In order to show longer lists at once Conflicts window can now be resized and window content is resized accordingly.



The screenshot shows a window titled "Conflicts" with a table of course conflicts. The table has four columns: Course Part, Room, Time, and Type. The data is as follows:

| Course Part | Room | Time | Type |
|---|--------|-----------------------------|------|
| Business Ethics, tutorial, MURRAY BRC3-1 | A-002 | 9, PON, 08:00 - 09:00 | L |
| Databases, tutorial, COLWELL AFM2-1 | B-003 | 9, PON, 08:00 - 09:00 | G |
| Databases, tutorial, ROCKWELL AFM2-3 | A-006 | 9, PON, 08:00 - 09:00 | G |
| Effective Management Consultancy, tutorial, SCHMIDT BRC2-1 | A-002 | 1, UTO, 08:00 - 10:00 | R |
| Financial Management, lecture, WEBB AFM1-2 | Room 1 | 21 - 36, PON, 10:00 - 12:00 | G |
| International Business Economics, lecture, MURRAY AFM2-1, AFM2-2, AFM2-3 | / | 9 | W |
| IT and Web Development - w, lecture, HOFER BCIT1-1 | / | 1, 9 | W |
| Management Science Method, tutorial, CRAM BCIT3-1 | B-003 | 1, UTO, 13:00 - 14:00 | R |
| Principles of Macroeconomics, tutorial, MCCLUSKY BAM1-3 | B-005 | 1, PON, 11:00 - 12:00 | R |
| Simulation, tutorial, WOLFE BRC3-1 | A-003 | 2 - 15, UTO, 12:00 - 14:00 | LG |
| Simulation, tutorial, WOLFE BRC3-1 | A-003 | 2 - 15, UTO, 13:00 - 14:00 | R |
| Strategic Management, lecture, FISHER BAM2-1, BAM2-2, BAM2-3, BCIT3-1 | B-008 | 1, PET, 10:00 - 12:00 | R |
| Systems Analysis, tutorial, QUINN AFM2-2 | A-005 | 9, PON, 08:00 - 09:00 | G |
| Technology Transfer, lecture, SULLIVAN AFM1-1, AFM1-2, AFM1-3 | B-004 | 21 - 36, UTO, 08:00 - 10:00 | G |

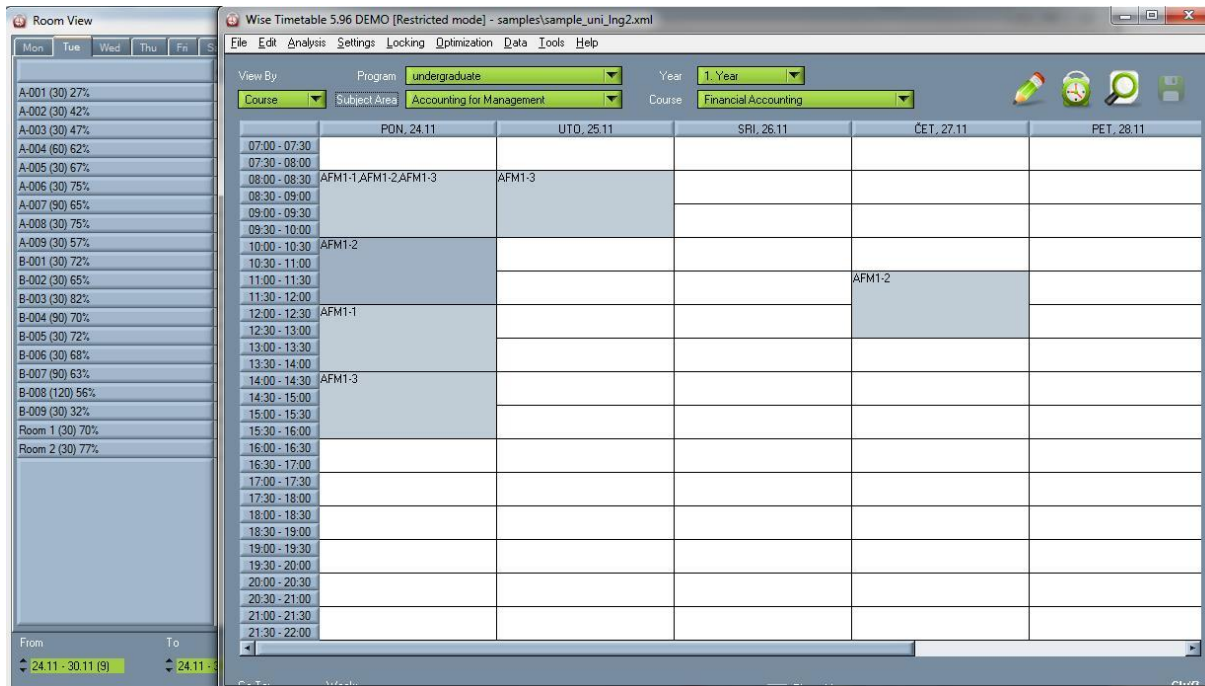
Legend: W - Wrongly Distributed, R - Rooms Overlays, L - Lecturers Overlays, G - Groups Overlays, WER

At the bottom of the window, there are checkboxes for "Show Selectable" (unchecked) and "Overlapping web reservations" (checked). There are also buttons for "Show", "Export", and "Close".

9. Work with two screens at the same time

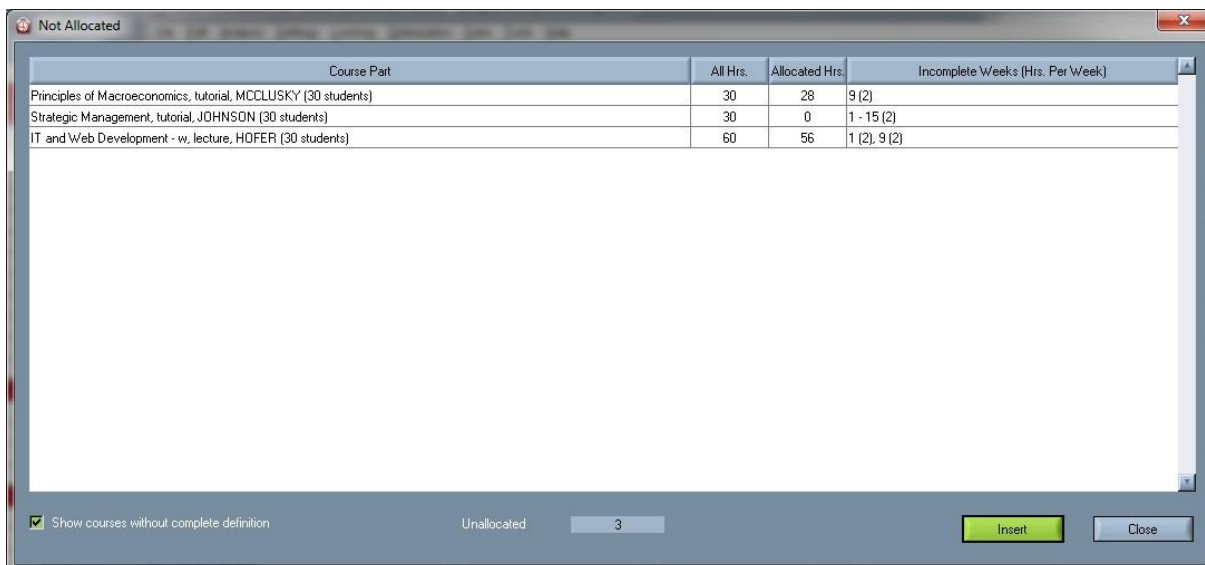
View rooms and View lecturers windows can be called and after that we can still work on the main screen (while these views are still open). Interaction between main screen and view screens is implemented so when the work is changed on the main screen it is also changed on one or both opened view screens.

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10. Show courses without complete definition

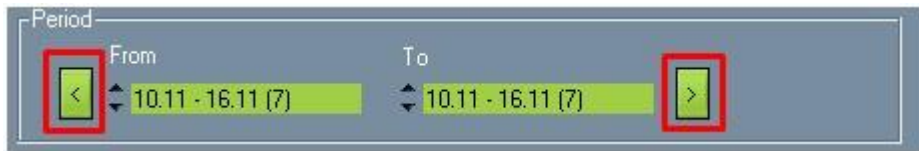
On »Not Allocated« screen (Analysis → Find Unallocated Turns), there is checkbox »Show courses without complete definition« - in order to shorten list of unallocated schedules when course do not have complete definition (e.g. no lecturers defined or no groups) – so they cannot be generated anyway.



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11. Easier moving trouhg weeks

In order to move easier trough weeks we added arrows on the left and right side of week duration on »Occupancy« screen. Occupancy screen is called from menu Analysis → View occupancy, but also used when inserting schedules directly from course definition/edit screen.



12. Colors introduced to Occupancy screen

On Occupancy screen, to distinguish different entities (from the legend at the bottom), we introduced colors. By default "LA" (Lecturer allocated) fields in the table are colored red and they are bold (only text) but if you make left click with a mouse to any other entry at the bottom (legend), you will see that clicked entry now will be colored red in the table. With that we can easy and quickly see when only lecturer is occupied or only room, etc.

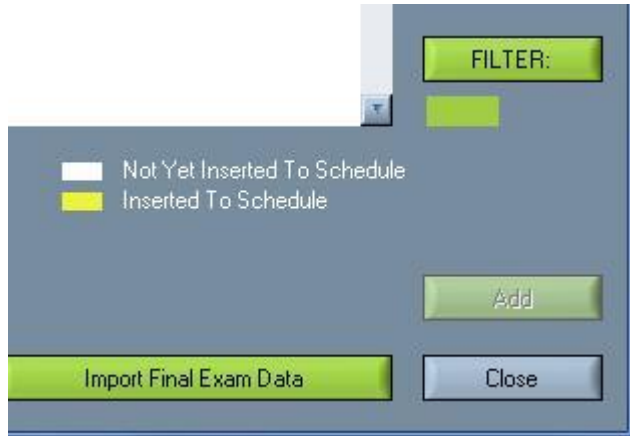
Legend Of Reservations:

- Not Reserved
- Full Time
- Groups - Web
- Postgraduate
- Reserved - Other
- Exam

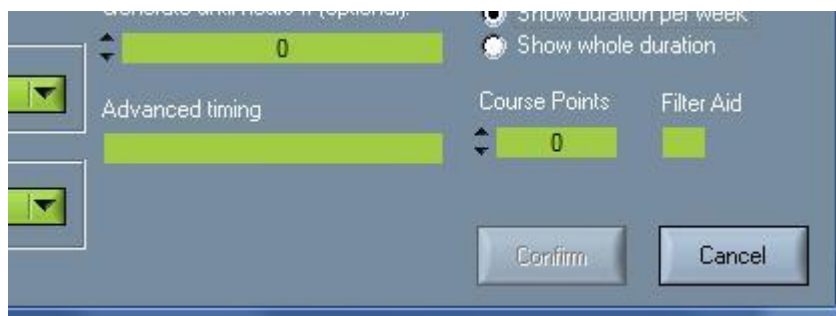
RA Room Allocated LA Lecturer Allocated GA Group Allocated RB Room Blocked LB Lecturer Blocked GB Group Blocked

13. Filter for the courses

There is new filter for the courses (Edit → Courses). With this filter user can filter all the displayed courses by entering certain character bellow “FILTER” button.

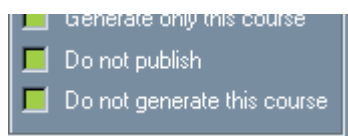


Character that user is entering is “FILTER AID” which is defined inside the course. Filter Aid can contain any ANSI character. With this system we can distinguish courses into categories (e.g. »w« for winter semester, »s« for summer semester, »a« for all year courses, etc...) and then list only certain categories in course selection screen.



14. Do not generate this course

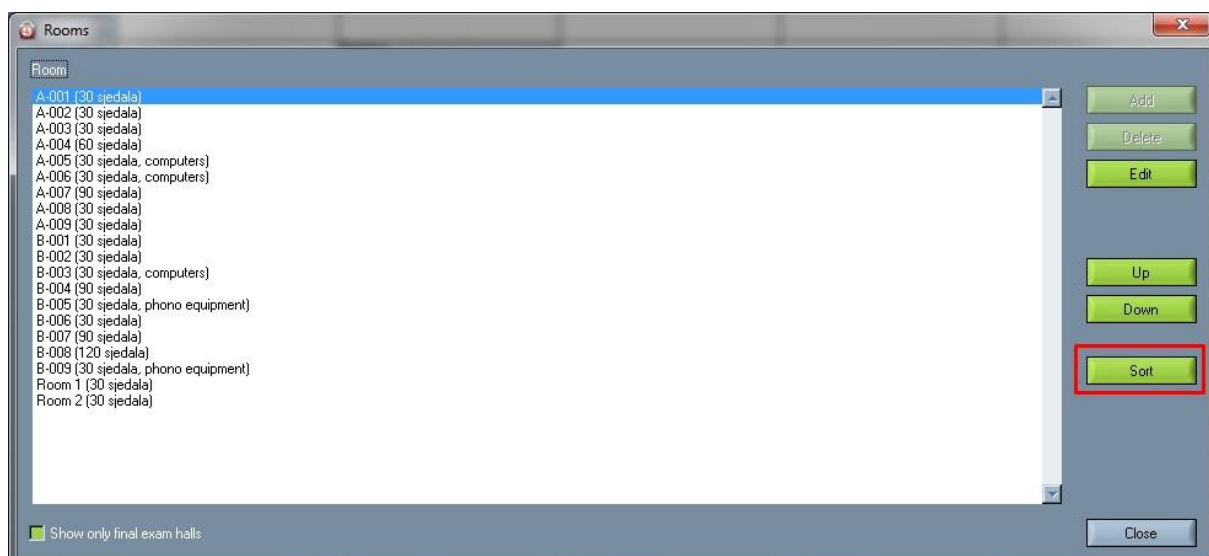
“Do not generate this course” option can be found at the course screen and if checked it allows user not to generate this particular course (even if it belongs to program7year set to generation).



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15. Sort/Sort all options

Option can be found in the menu Edit → Courses, Edit → Rooms, Edit → Programs and Settings → Course Types. In Course Types besides Sort option there is Up and Down option, options are very useful if we use sequential generating which takes into account course type sequence. With this options courses and rooms can be sorted alphabetically. Once when this is done it stays even when software is restarted – and such is saved into sml file or database.



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| Name | Points | Translation | Years | Code | City | Color |
|---------------|--------|-------------|-------|-------|--------|-------|
| undergraduate | 0 | | 3 | 1 / 1 | (None) | Text |

| Name | Code |
|----------|------|
| lecture | |
| seminar | |
| tutorial | |

16. Maximum weekly hours

Now is possible to set maximum weekly hours for lecturers and for students separately. You can set weekly hours at the menu Settings → Miscellaneous → Generation.

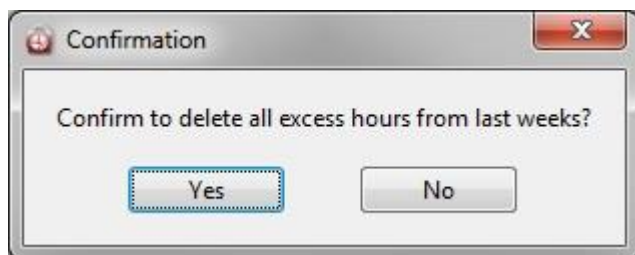
17. Points system

Points system is available at Edit → Programs and Edit → Subject Areas. Option is used to determine how many points is needed to pass the subject area. If points system is used in subject areas and programs, than relevant number of points is number of points in subject areas. If number of points in subject areas is 0, than relevant number of points is in programs. To be able to use points system You need to enable Course points option in Settings → Miscellaneous → General by checking Use points system.

18. Message window

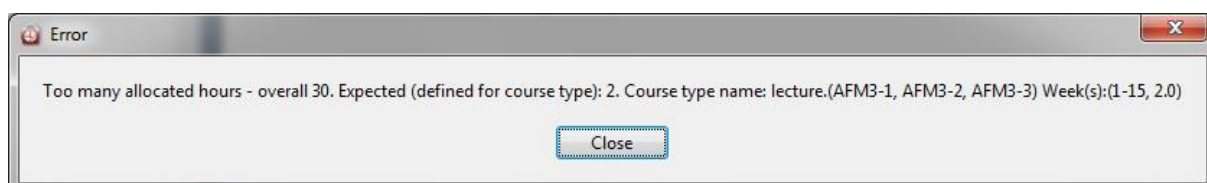
18.1. Message when modular courses are exceeded

When modular courses hours are exceeded, system ask user if excess hours should be deleted automatically.



18.2. Error message

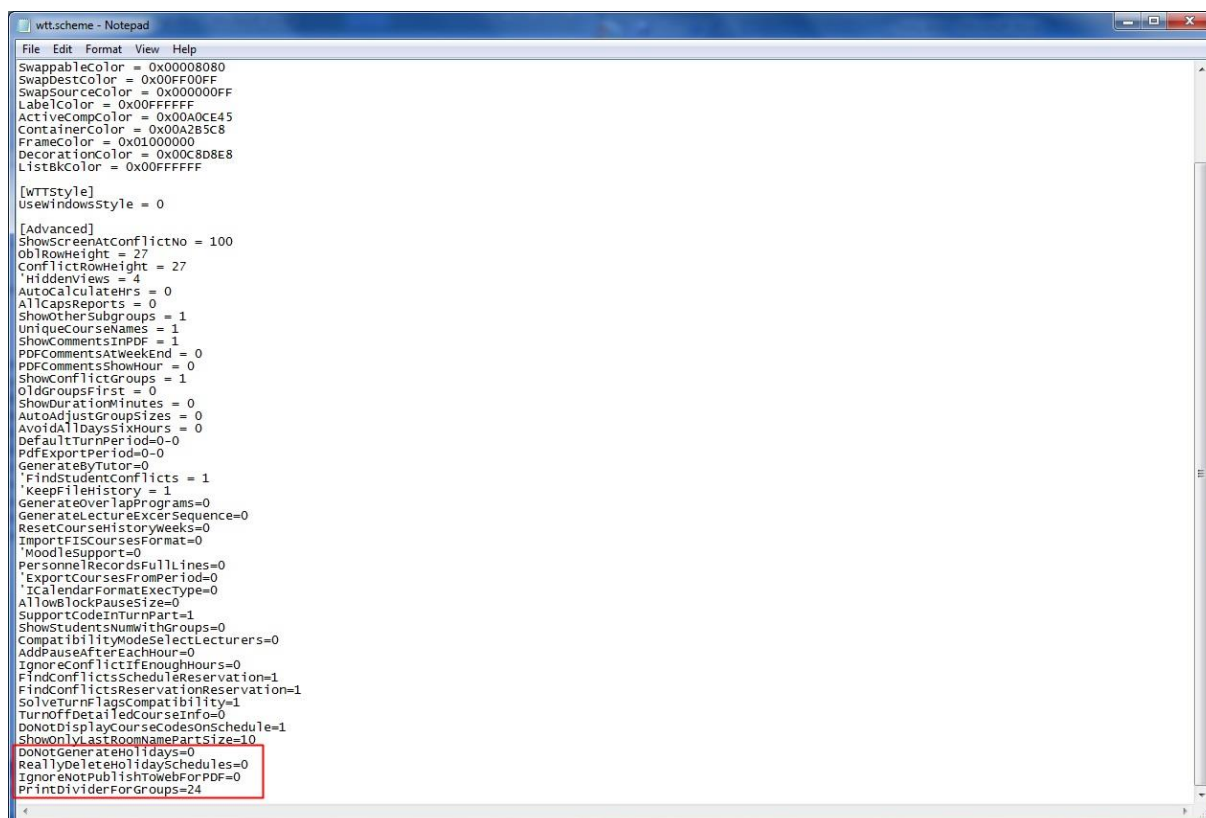
Error messages are improved when turn is having too many already defined hours in timetable.



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19. New advanced options in wtt.scheme

1. DoNotGenerateHolidays=0 – if this option is set to 1, automatic generating of schedules will not generate anything on holidays;
2. ReallyDeleteHolidaySchedules=0 – if this option is set to 1, when we delete schedules with button “Delete schedules” at Settings → School Year Details, they are not just disabled (and colored in red) but completely deleted from the timetable;
3. IgnoreNotPublishToWebForPDF=0 – if this option is set to 1, even when Course (see course editing screen) is not going to be published to Web, that some course will be exported to PDF file (also sent to lecturers if sending by email directly from application);
4. PrintDividerForGroups=24 – this parameter is important only for printing of timetables (by groups) directly to printer. It determines line spacing, and mostly can be left alone (on 24) but on same rare prints can be adjusted for better timetable layout on a paper.



```
File Edit Format View Help
SwappableColor = 0x00008080
SwapDestColor = 0x00FF00FF
SwapSourceColor = 0x000000FF
LabelColor = 0x00FFFFFF
ActiveCompColor = 0x00A0CE45
ContainerColor = 0x00A2B5C8
FrameColor = 0x01000000
DecorationColor = 0x00C8D8E8
ListBkColor = 0x00FFFFFF

[WTTStyle]
UseWindowsStyle = 0

[Advanced]
ShowScreenAtConflictNo = 100
OblrowHeight = 27
ConflictRowHeight = 27
HiddenViews = 4
AutocalculateHrs = 0
AllcapsReports = 0
ShowOtherSubgroups = 1
UniqueCourseNames = 1
ShowCommentsInPDF = 1
PDFCommentsAtWeekEnd = 0
PDFCommentsShowHour = 0
ShowConflictGroups = 1
OldGroupsFirst = 0
ShowDurationMinutes = 0
AutoAdjustGroupSizes = 0
AvoidAllDaysSixHours = 0
DefaultTurnPeriod=0-0
PdfExportPeriod=0-0
GenerateByTutor=0
FindStudentConflicts = 1
KeepFileHistory = 1
GenerateOverlapPrograms=0
GenerateLectureExerciseSequence=0
ResetCourseHistoryWeeks=0
ImportTISCoursesFormat=0
MoodiesSupport=0
PersonnelRecordsFullLines=0
ExportCoursesFromPeriod=0
IcalendarFormatExectype=0
AllowBlockPauseSize=0
Supportcodeinturnpart=1
ShowStudentsNumwithGroups=0
CompatibilityModeSelectLecturers=0
AddPauseAfterEachHour=0
IgnoreConflictIfEnoughHours=0
FindConflictsScheduleReservation=1
FindConflictsReservationReservation=1
SolveturnFlagsCompatibility=1
TurnoffDetailedcourseinfo=0
Donotdisplaycoursecodesonschedule=1
ShowOnlyLastRoomNamePartSize=10
DonotGenerateHolidays=0
ReallyDeleteHolidaySchedules=0
IgnoreNotPublishToWebForPDF=0
PrintDividerForGroups=24
```

Wise Timetable Release notes

20. IP number in the export of data into central database

When exporting data into central database now also IP number of the current computer (when export is made) is written into history log and shown to users among other changes.

| | | | |
|--------------------|---------------|---|------------------|
| 16.9.2015 12:51:31 | User | Data exported to the database | IP=192.168.2.133 |
| 15.9.2015 13:06:54 | User | Data exported to the database | IP=192.168.2.133 |
| 15.9.2015 13:02:09 | User | Data exported to the database | IP=192.168.2.133 |
| 15.9.2015 12:47:29 | ANDREW ALTMAN | New groups reservation (7984): Room A-009 on 15.09.2015 (18:00 - 18:30) | |
| 15.9.2015 12:47:02 | ANDREW ALTMAN | New groups reservation (7983): Room A-006 on 15.09.2015 (16:30 - 17:00) | |
| 15.9.2015 12:42:52 | ANDREW ALTMAN | New groups reservation (7982): Room A-003 on 15.09.2015 (17:00 - 17:30) | |
| 15.9.2015 12:34:09 | ANDREW ALTMAN | New room reservation (7981): Room A-001 on 15.09.2015 (08:00 - 09:30) | |
| 15.9.2015 12:30:35 | User | Data exported to the database, IP=192.168.2.133 | |

21. Disable database

When history log (from database changes) is shown at the program startup, there is possibility to disable database completely. This is useful if making timetables for the new year (locally on PC, using only local xml files) and do not want to work with database at all. Other way to disable database is Settings → Miscellaneous → General → dbsettings.ini.

| | | |
|---------------------|-------------|----------------------|
| 13/09/2015 02:05:46 | Rok Stritar | New groups reservati |
| 13/09/2015 02:04:00 | Rok Stritar | New groups reservati |
| 13/09/2015 02:03:56 | Rok Stritar | New groups reservati |
| 13/09/2015 02:03:53 | Rok Stritar | New groups reservati |

Disable database!

22. Improvement with direct export to PowerCampus

Direct export to PowerCampus database tables is improved by filling also event location table. Now, all data that is relevant for PowerCampus system is exported directly into PowerCampus database.

Improvement with Web modules for reservation

For the Web modules for reservation, there are new options which defines which user can reserve what and use which module. List of users is shown in list for login is now determined by 3-character string like 11N – this means: must be professor, must be administrator, to be other is not important, or N10 – this means: to be professor is not important, must be administrator, can not be other.

Wise Timetable Release notes

| Settings for list of professors for reservations | | | | |
|---|--|---|---|---|
| 3 char value explanation for (Professor,Admin,Other) can be 1 - must be set, 0 - must not be set, N - not checked | | | | |
| Rooms - must be (Professor,Admin,Other) e.g. 11N: | <table><tr><td>N</td><td>1</td><td>N</td></tr></table> | N | 1 | N |
| N | 1 | N | | |
| Groups - must be (Professor,Admin,Other) e.g. N10: | <table><tr><td>N</td><td>1</td><td>N</td></tr></table> | N | 1 | N |
| N | 1 | N | | |
| Group and Branch selection handling | | | | |

23. Improvement with generating

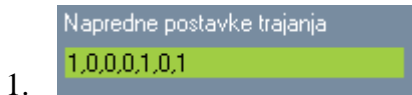
Generating of complex multi-week timetables is generally improved. Now generating is much quicker and more optimal.

Chapter 2

Changes between versions 5.80 and 5.85

1. Advanced timing

Advanced timing option is used to determine detailed performing of the selected turn in individual days/weeks. In the Advanced timing box write if selected turn is performing in individual days. See examples in following pictures:

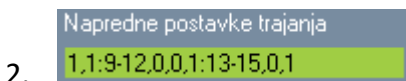


In this example you can declare on which days selected turn will be performed.

0 - selected turn will not be performed on particular day

1 - selected turn will be performed on particular day

Note that there are always seven characters separated by comma representing each day in the week (start day depends on start day defined in the software, e.g. Monday, Sunday etc.). If you write less than seven characters, software will automatically write the missing ones.



In this example you can declare on which days selected turn will be performed and in which period during that day.

0 - selected turn will not be performed on particular day

1 - selected turn will be performed on particular day

To specify the time in particular day (we are speaking about turns that will be performed - 1 because there is no need to specify turns that will not be performed) use this format - 1:start hour-end hour.

Start and end hours are defined in the software and you can easily see them in Start hour in the same window.

Note: in start and end hour do not write the time, write ordinal number of the hour (also seen in Start hour). Example: 1:5-12 (in our case selected turn will be performed on selected day from 09:00 to 12:30)

Same as in the first example, separate each day (seven days) by comma.

Besides this manual way for Advanced timing, you can also import data via Course Constraints. The following data is imported:

- course code or course name (mandatory),
- advanced timing (can be 0 or 1).

Wise Timetable Release notes

Example of one CSV line: courseName;advancedTiming

Innovation;0,1,1:5-15,1,0,1:11-14,0 or Innovation;0,1,1,1,0,0,0

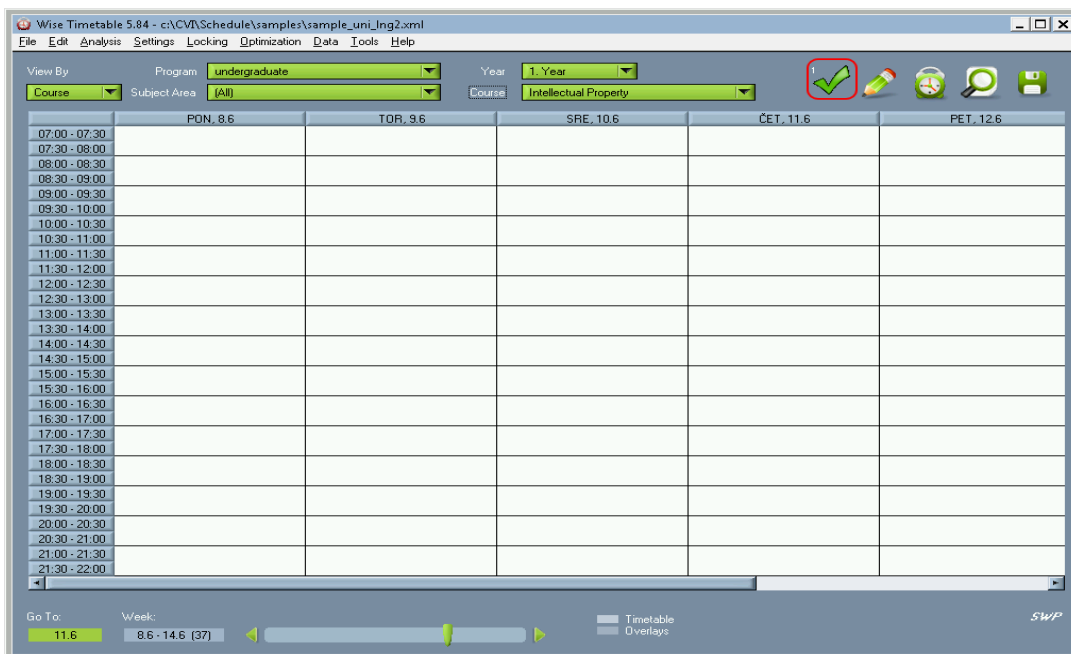
2. Approval system

Approval system is used for making online reservations. You can set Approval system in Configuration pages.

| General settings | |
|---|--|
| Use translated course name: | <input type="radio"/> Use <input checked="" type="radio"/> Don't use |
| Hide subject area code: | <input type="radio"/> Use <input checked="" type="radio"/> Don't use |
| Use reservations: | <input type="radio"/> Use <input checked="" type="radio"/> Don't use |
| Timetable valid until: | 0 |
| | <small>*Write '0' if you want to disable this feature</small> |
| Use mark: | <input type="radio"/> Use <input checked="" type="radio"/> Don't use |
| Main menu: | Groups;Rooms;Prof;Classrooms;Courses;Rooms_Zoom; [Groups,Rooms,Prof,Classrooms,Courses,Stud,Rooms_Zoom] [Clear] [Default] |
| Display last change time: | <input type="radio"/> Show <input checked="" type="radio"/> Don't show |
| Details about the selection when printing: | <input type="radio"/> Show <input checked="" type="radio"/> Don't show |
| Zoom view - list of rooms limited: | <input type="radio"/> Use <input checked="" type="radio"/> Don't use |
| ... must be equal to: | WebView |
| Show both - start and end hours: | <input type="radio"/> Show <input checked="" type="radio"/> Don't show |
| Use additional description at reservations: | <input type="radio"/> Use <input checked="" type="radio"/> Don't use |
| Show only after approval: | <input type="radio"/> Use <input checked="" type="radio"/> Don't use |

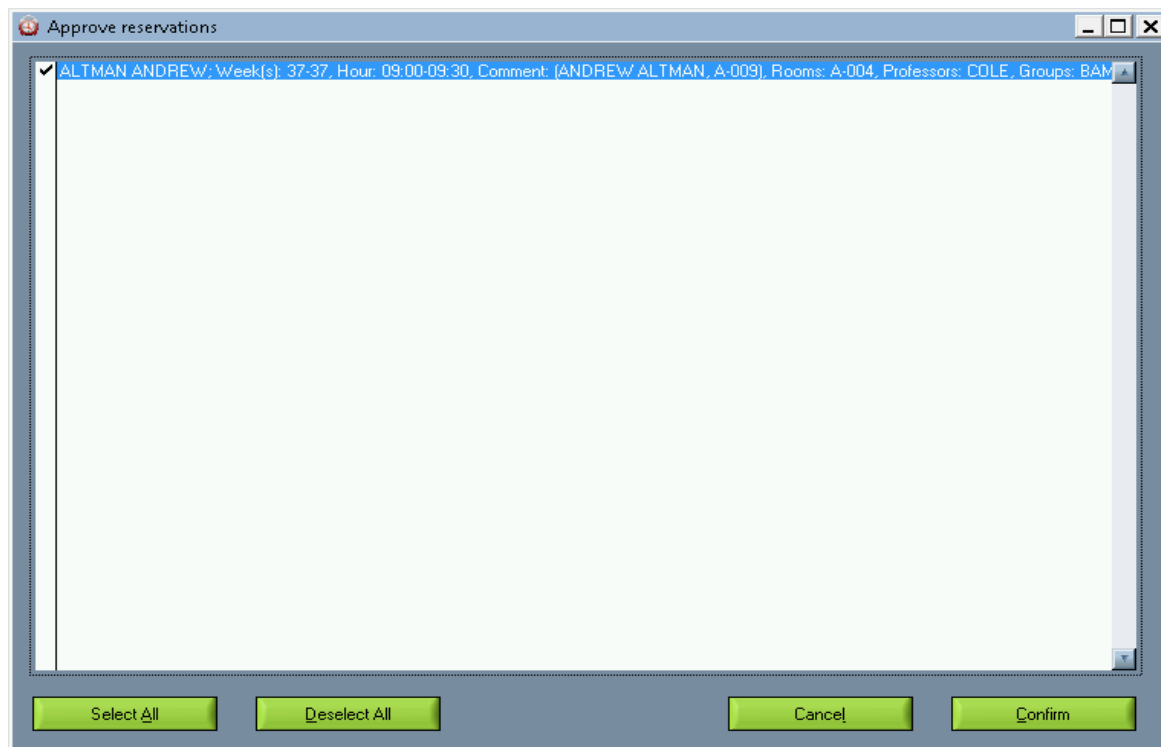
If Approval system is in use, user can make reservation, but administration needs to confirm that reservation. If not in use, than user's reservation is immediately active.

In case Approval system is in use, than administration needs to approve reservations. In PC application administration will see notification as shown:



Click on notification and approve or disapprove reservation.

Wise Timetable Release notes



3. Active directory integration (LDAP)

Active directory integration can be used from PC application and from web.

PC application

LDAP takes data from user's active directory.

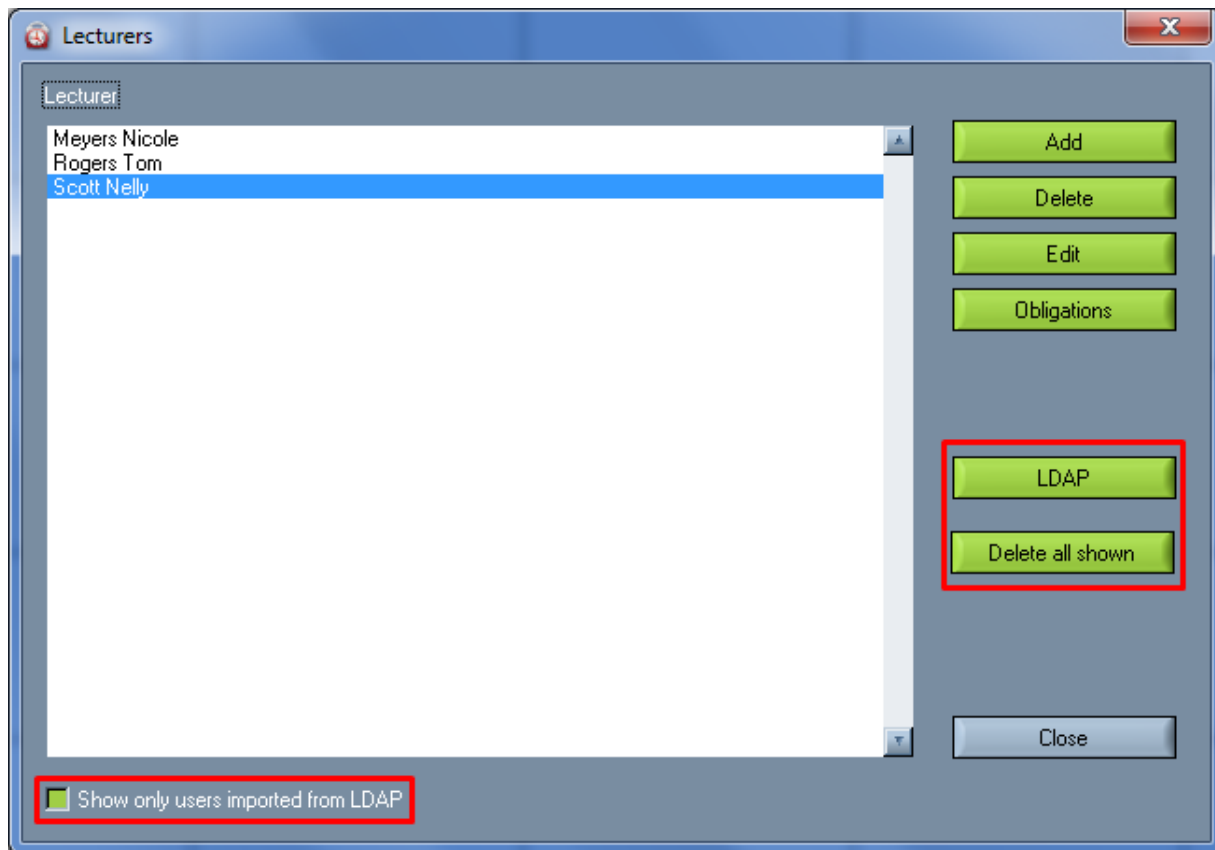
Settings for Active directory integration (LDAP) can be found in Settings → Miscellaneous → General → wtt.scheme

Settings are:

LDAPHost=192.168.2.210
LDAPPort=389
LDAPLoginDN=CN=4TRESS LDAP,CN=Users,DC=wise,DC=local
LDAPPassword=YOURPASSWORD
LDAPSearchBase=OU=External Users,DC=wise,DC=local
LDAPAttributeName=givenName
LDAPAttributeSURNAME=sn
LDAPAttributeDESCRIPTION=description
LDAPAttributeEMAIL=mail
LDAPTargetCharacterSet=WINDOWS-1250

To use active directory integration go to Edit → Lecturers and click on LDAP.

Wise Timetable Release notes



If you want to see only the list of lecturer fro active directory integration mark **'Show only users imported from LDAP'**

'Delete all shown' delete all shown entries. It is good to use when you make a mistake by importing users from LDAP, to undo the mistake mark 'Show only users imported from LDAP' and than click on 'Delete all shown'.

If importing is successful you will receive notification.

Data imported in this way are: name, surname, e-mail, notes.

All users imported from LDUP will have '(LDAP)' note in Notes.

Wise Timetable Release notes

Web

In configuration page set **'Use active directory'** in use.

Web pages code will not be taken, system will go directly to active directory codes.

If 'Use active directory' is in use than 'AD server', 'LoginDN' and 'SearchBase' fields must be filled in.

For enabling LDAP functions on web applications you need to enable it in PHP server too - change 'extension extension=php_ldap.dll' in 'php.ini'.

You also need to copy dll files from php directory in c:\windows\system (Note: not system32!). Those files are:

- libeay32.dll
- libssl.dll
- ssleay32.dll.

4. Export to PowerCampus

Data can be easily exported to PowerCampus.

Settings for PowerCampus export can be found in Settings → Miscellaneous → General → dbsettings.ini

Settings are:

```
powercampus]
powercampus_db_conn_str = powercampus
powercampus_table = PC_COURSES
powercampus_event_type = COURSE
powercampus_academic_year = 2015
powercampus_academic_term = SPRING
powercampus_academic_session = MAIN
powercampus_opid = ARWA
powercampus_last_digits_for_section = 1
```

To send data to Power Campus go to Data → Export to PowerCampus.

Note that every time new version of data is sent, software delete the old one.

5. Points system

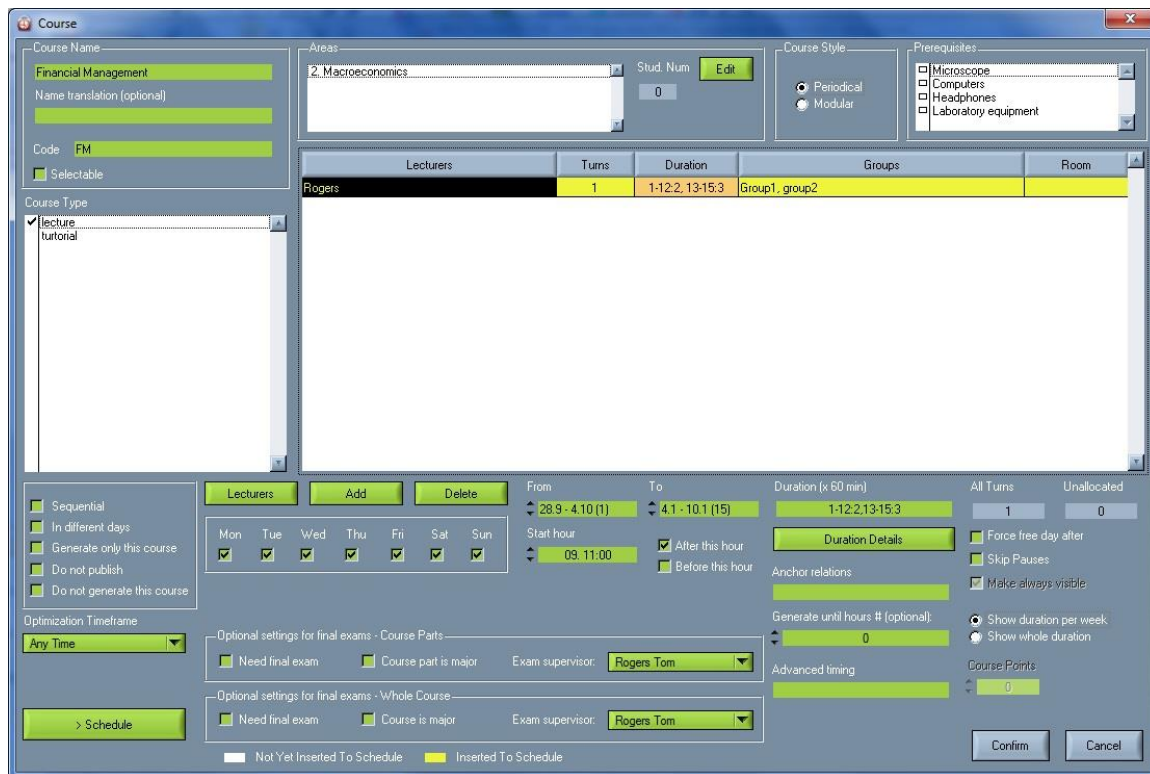
Points system is used for courses, subject areas, programs, students and groups. To be able use points system You need to enable Course points option in Settings → Miscellaneous → General by checking Use points system.

Method of use:

Courses

You can decide how much points every course have by using **Course points**. Open specific subject and write in Course points number of points for that subject.

Wise Timetable Release notes



The 'Course' configuration window is used to set up a new course. It includes fields for Course Name, Areas, Stud. Num, and Course Style. A table lists the course schedule with columns for Lecturers, Turns, Duration, Groups, and Room. The bottom section contains various settings for optimization, final exams, and prerequisites.

Course Name: Financial Management
Areas: 2. Macroeconomics
Stud. Num: 0
Course Style: Periodical
Prerequisites: Microscope, Computers, Headphones, Laboratory equipment

| Lecturers | Turns | Duration | Groups | Room |
|-----------|-------|-----------------|---------------|------|
| Rogers | 1 | 1-12.2, 13-15.3 | Group1_group2 | |

Course Type: ☒ lecture, ☐ tutorial

Optimization Timeframe: Any Time

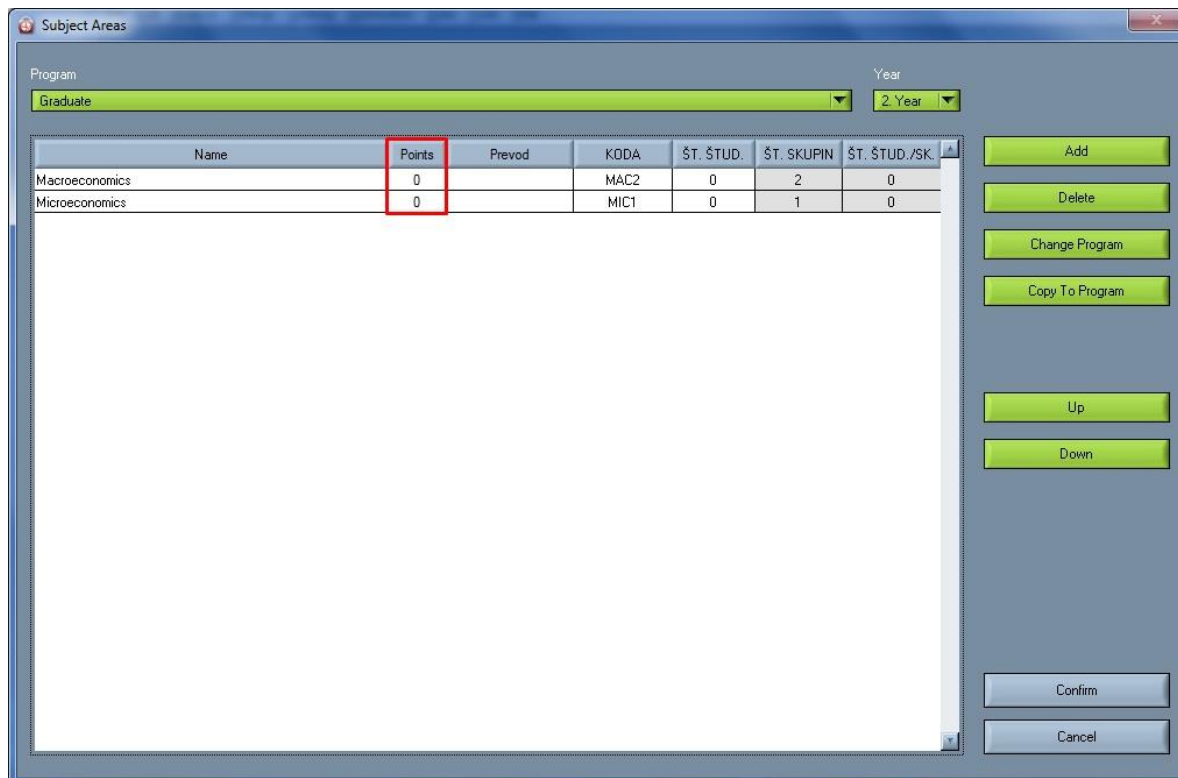
Optional settings for final exams - Course Parts:
☐ Need final exam, ☐ Course part is major, Exam supervisor: Rogers Tom

Optional settings for final exams - Whole Course:
☐ Need final exam, ☐ Course is major, Exam supervisor: Rogers Tom

Buttons: Add, Delete, Lecturers, Schedule, Confirm, Cancel

Subject areas

Points option is used to determine how many points is needed to pass the subject are. If points system is used in subject areas too, than relevant number of points is number of points in subject areas. If number of points in subject areas is 0, than relevant number of points is in programs.



The 'Subject Areas' window displays a table of subject areas for a selected program and year. The 'Points' column is highlighted with a red box. The table lists subjects like Macroeconomics and Microeconomics with their respective points and other details.

Program: Graduate
Year: 2. Year

| Name | Points | Prevod | KODA | ŠT. ŠTUD. | ŠT. SKUPIN | ŠT. ŠTUD./SK. |
|----------------|--------|--------|------|-----------|------------|---------------|
| Macroeconomics | 0 | | MAC2 | 0 | 2 | 0 |
| Microeconomics | 0 | | MIC1 | 0 | 1 | 0 |

Buttons: Add, Delete, Change Program, Copy To Program, Up, Down, Confirm, Cancel

Wise Timetable Release notes

Programs

Points option is used to determine how many points is needed to pass the program. If points system is used in subject areas too, than relevant number of points is number of points in subject areas. If number of points in subject areas is 0, than relevant number of points is in programs.

| Name | Points | Prevod | Let | Koda | Mesto | Color |
|---------------|--------|--------|-----|------|--------|-------|
| Graduate | 0 | | 2 | MA | (None) | Text |
| Undergraduate | 0 | | 3 | MI | (None) | Text |

Groups

When **points system** is in use in groups obligations you can see number of points for a specific group - program automatically calculate to which courses group belongs to and sum all points. If number of points is enough, than text that shows points is green, if not the text is red. If points system is not in use, than text is dimmed.

| Course | Group | Type | Hours |
|----------------|--------|----------|--------|
| IT in Business | Group2 | lecture | 1-20:3 |
| IT in Business | Group2 | tutorial | 1-20:2 |
| Physics | Group2 | lecture | 1-20:3 |

Students

If **point system** is in use than students names that don't have enough points are written in red color. Program finds to which groups does a student belongs to and sum all points.

Chapter 3

Changes between versions 5.0 and 5.80

Wise Timetable Release notes

1. About screen info

About screen information is expanded in the way that serial number of USB security dongle is displayed, along with used Windows version – as can be seen here:



2. Double click selection

We expanded 'Double click selection' functionalities, and now, option is set on the most of the tables including groups selections, move turn parts selection, etc.

3. Screen size options

By adding new options and buttons we tried to keep same user interface logic and not to change user experience too much. We optimized screen size so it fits most of laptop screens.

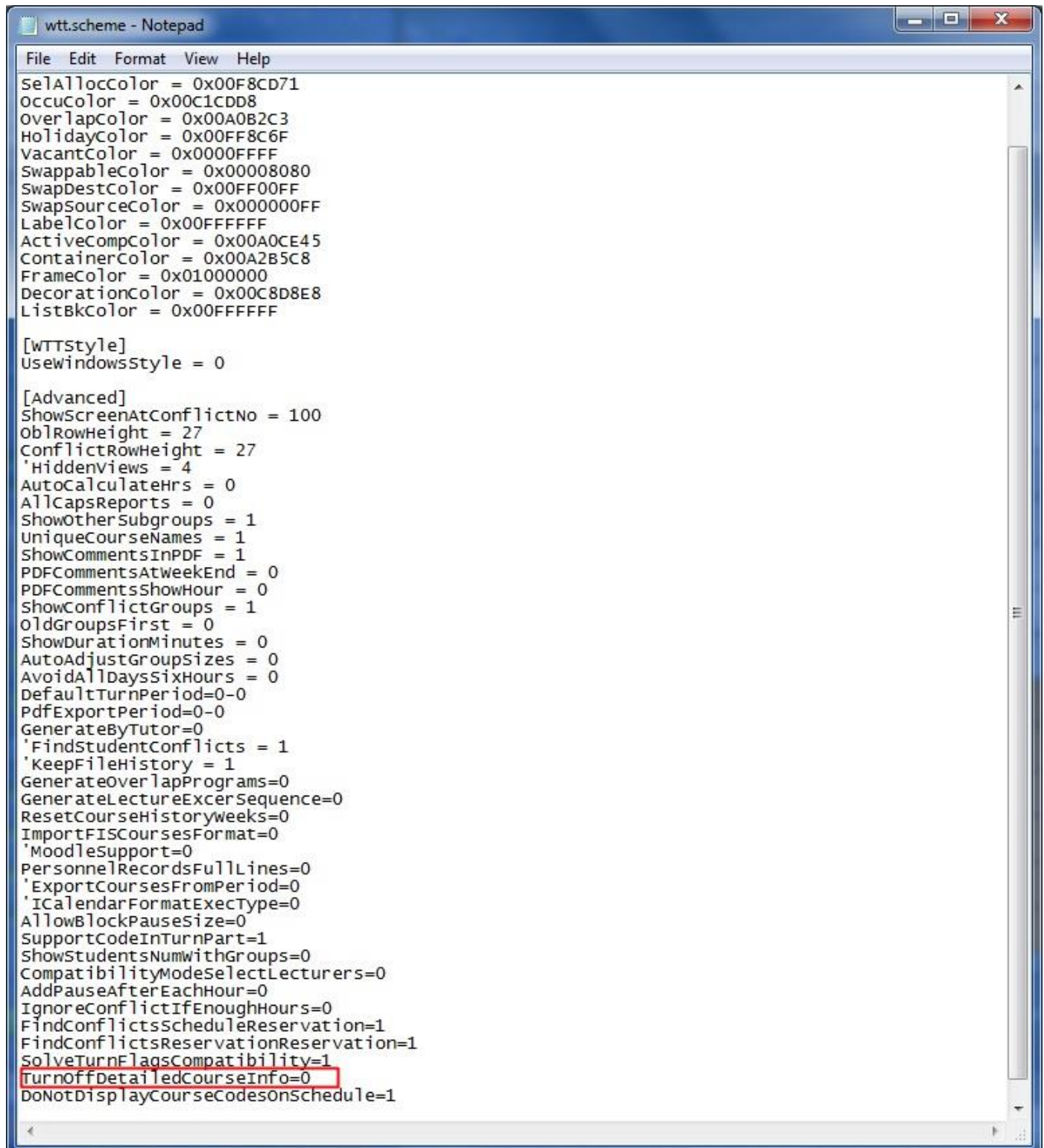
4. Showing more information at the main screen

With today's big monitors, we might want to show a lot of information in occupied terms already at the main screen. We expanded the option for that at the Settings → Miscellaneous: at the top of screen, we now have the following options to choose from:

- None;
- Groups;
- Comments
- Groups + Comments;
- All data – groups, course, ...
- All data – no groups (sometimes there are so many groups or individual students, we do not want them to show on the main screen).

Wise Timetable Release notes

To turn off detailed information when printing go to Miscellaneous → General → wtt.scheme and turn option TurnOffDetailedCourseInfo=0 into TurnOffDetailedCourseInfo=1.



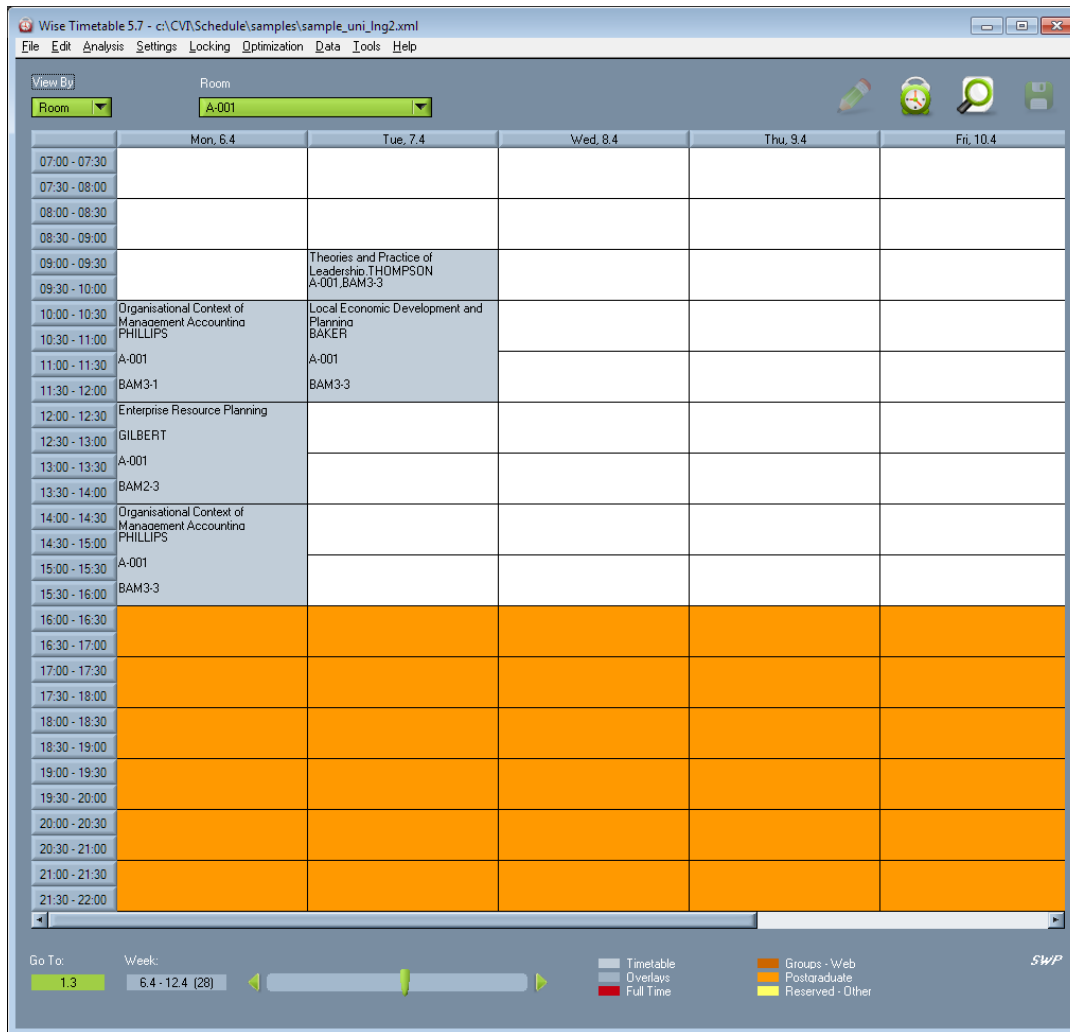
```
File Edit Format View Help
SelAllocColor = 0x00F8CD71
OccuColor = 0x00C1CDD8
OverlapColor = 0x00A0B2C3
HolidayColor = 0x00FF8C6F
VacantColor = 0x0000FFFF
SwappableColor = 0x00008080
SwapDestColor = 0x00FF00FF
SwapSourceColor = 0x000000FF
LabelColor = 0x00FFFFFF
ActiveCompColor = 0x00A0CE45
ContainerColor = 0x00A2B5C8
FrameColor = 0x01000000
DecorationColor = 0x00C8D8E8
ListBkColor = 0x00FFFFFF

[WTTStyle]
UseWindowsStyle = 0

[Advanced]
ShowScreenAtConflictNo = 100
Ob1RowHeight = 27
ConflictRowHeight = 27
'HiddenViews = 4
AutoCalculateHrs = 0
AllCapsReports = 0
ShowOtherSubgroups = 1
UniqueCourseNames = 1
ShowCommentsInPDF = 1
PDFCommentsAtWeekEnd = 0
PDFCommentsShowHour = 0
ShowConflictGroups = 1
OldGroupsFirst = 0
ShowDurationMinutes = 0
AutoAdjustGroupSizes = 0
AvoidAllDaysSixHours = 0
DefaultTurnPeriod=0-0
PdfExportPeriod=0-0
GenerateByTutor=0
'FindStudentConflicts = 1
'KeepFileHistory = 1
GenerateOverlapPrograms=0
GenerateLectureExcerSequence=0
ResetCourseHistoryweeks=0
ImportFISCoursesFormat=0
'MoodleSupport=0
PersonnelRecordsFullLines=0
'ExportCoursesFromPeriod=0
'ICalendarFormatExectype=0
AllowBlockPauseSize=0
SupportCodeInTurnPart=1
ShowStudentsNumWithGroups=0
CompatibilityModeSelectLecturers=0
AddPauseAfterEachHour=0
IgnoreConflictIfEnoughHours=0
FindConflictsScheduleReservation=1
FindConflictsReservationReservation=1
SolveTurnFlagsCompatibility=1
TurnOffDetailedCourseInfo=0
DoNotDisplayCourseCodesOnSchedule=1
```

Now, with the all data displayed, even without zooming in, we have the following info displayed:

Wise Timetable Release notes



5. Plan final exam

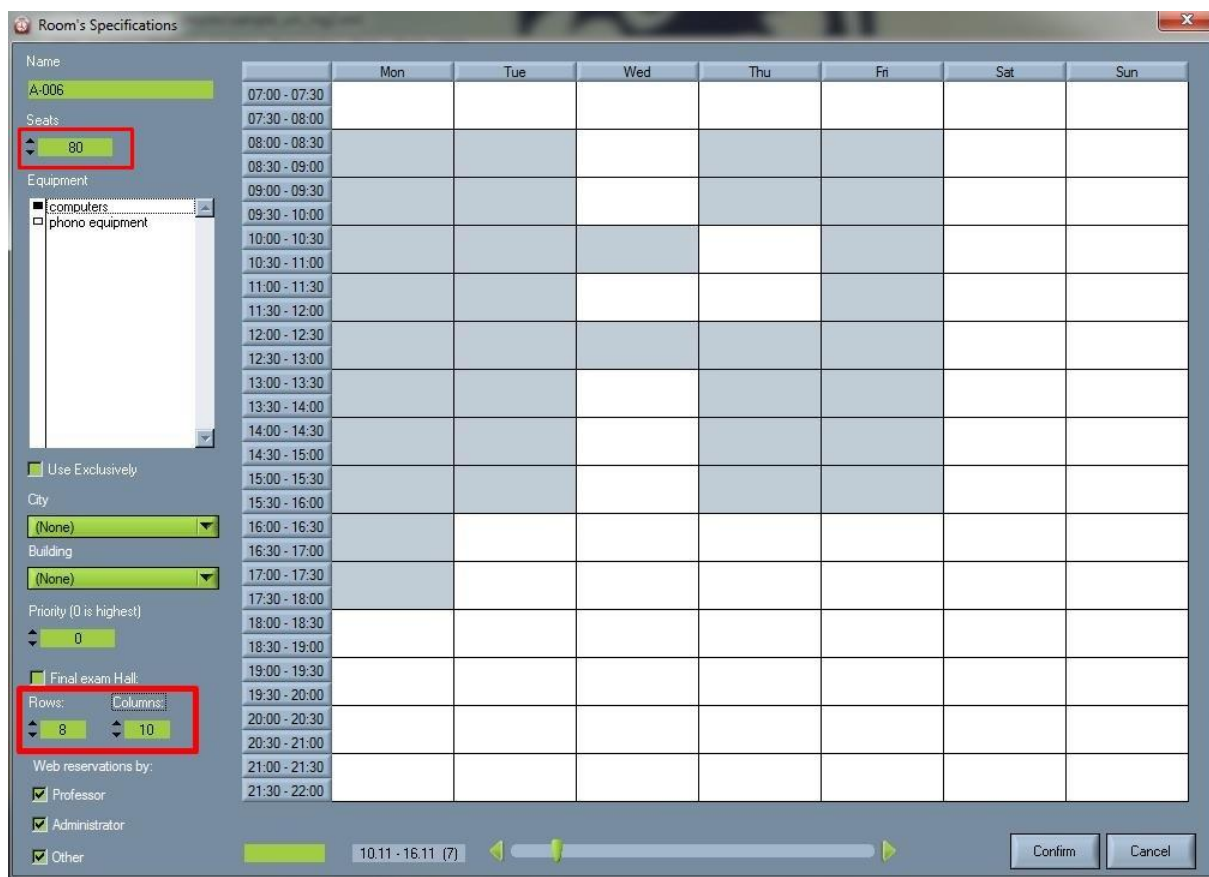
5.1. Select final exam rooms

To select the room in which the final exam will be held, on the main menu click on 'Edit' and select 'Rooms' after which the list with classrooms at your Faculty will appear. With double click on the room new window where you can edit room and make the room as final exam room will open.

Wise Timetable Release notes

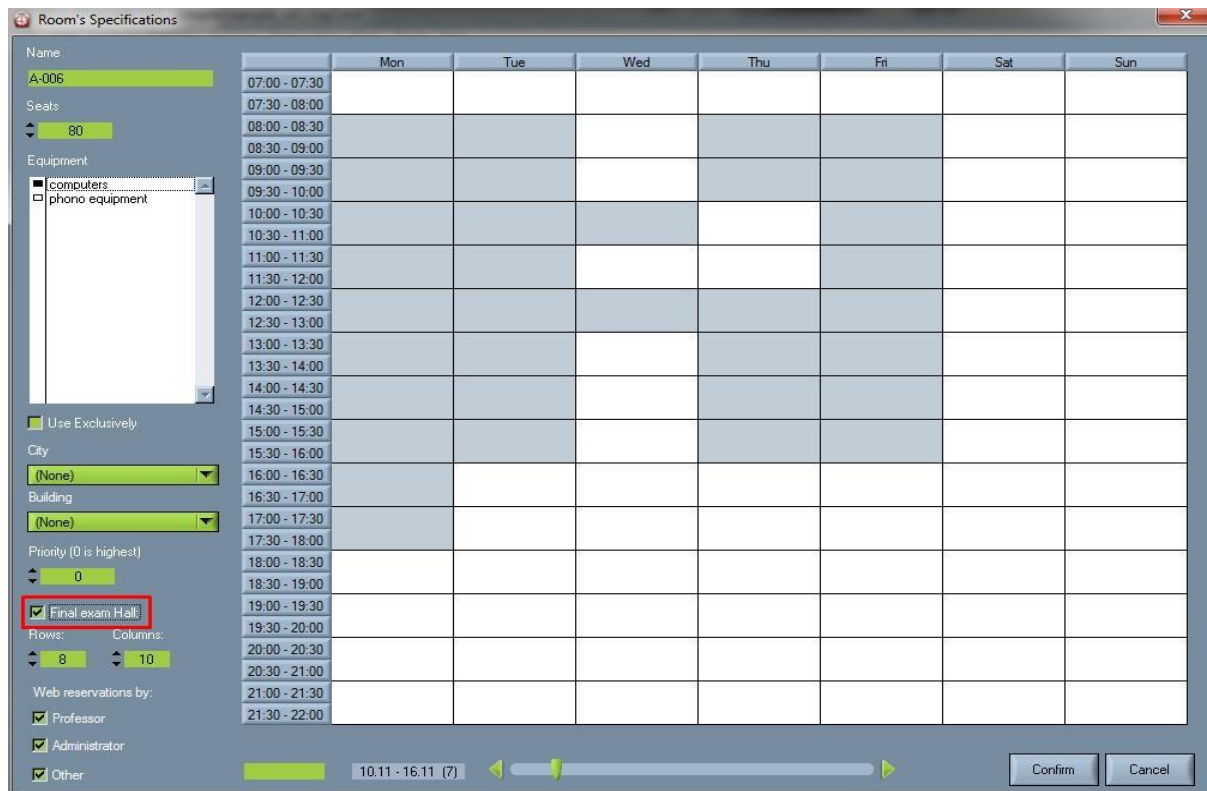


Once you selected a room, it is necessary to check whether the room has defined seats, rows and columns because later on module needs this information to schedule students in the final exam rooms. If mentioned things are not defined, you should define them by entering number of seats, rows and columns in boxes which are placed on the left side of the window, as you can see in the picture bellow.



After the numbers of seats, rows and columns are defined, is necessary to mark box next to 'Final Exam Hall' and selected room will become room for final exam, as shown in the picture below.

Wise Timetable Release notes



The 'Room's Specifications' dialog box is used to configure a room for the timetable. It includes fields for Name, Seats, Equipment, City, Building, Priority, Rows, Columns, and Web reservations by. A checkbox for 'Final exam Hall' is highlighted with a red box. The dialog also features a large grid for selecting time slots across the days of the week.

Name: A-006

Seats: 80

Equipment: ☒ computers, ☐ phono equipment

☐ Use Exclusively

City: (None)

Building: (None)

Priority (0 is highest): 0

☒ Final exam Hall

Rows: 8 **Columns:** 10

Web reservations by: ☒ Professor, ☒ Administrator, ☒ Other

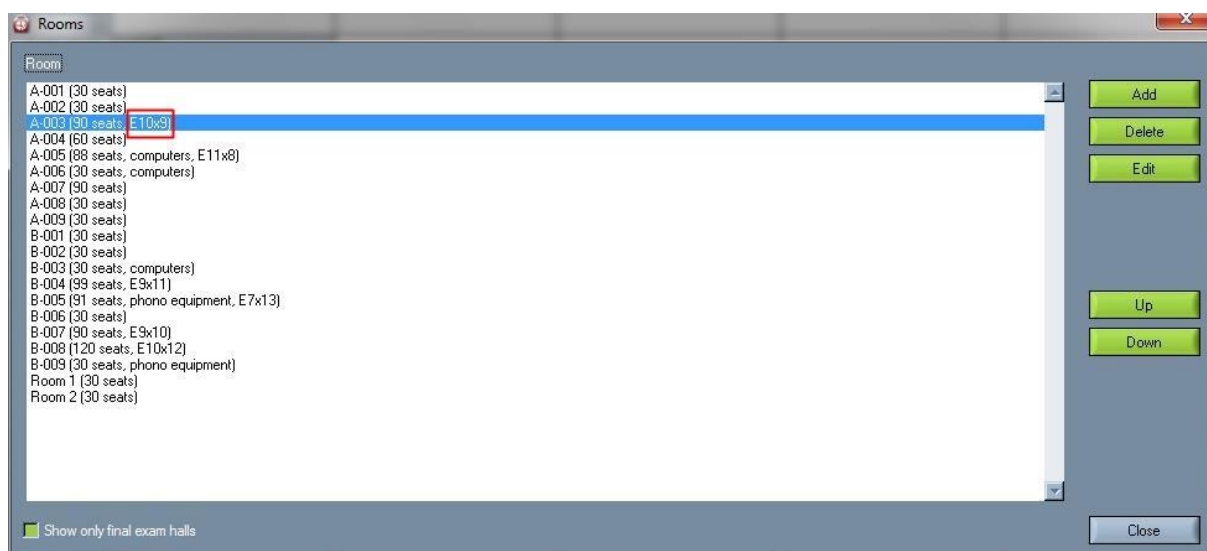
Time Slots:

| | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|---------------|-----|-----|-----|-----|-----|-----|-----|
| 07:00 - 07:30 | | | | | | | |
| 07:30 - 08:00 | | | | | | | |
| 08:00 - 08:30 | | | | | | | |
| 08:30 - 09:00 | | | | | | | |
| 09:00 - 09:30 | | | | | | | |
| 09:30 - 10:00 | | | | | | | |
| 10:00 - 10:30 | | | | | | | |
| 10:30 - 11:00 | | | | | | | |
| 11:00 - 11:30 | | | | | | | |
| 11:30 - 12:00 | | | | | | | |
| 12:00 - 12:30 | | | | | | | |
| 12:30 - 13:00 | | | | | | | |
| 13:00 - 13:30 | | | | | | | |
| 13:30 - 14:00 | | | | | | | |
| 14:00 - 14:30 | | | | | | | |
| 14:30 - 15:00 | | | | | | | |
| 15:00 - 15:30 | | | | | | | |
| 15:30 - 16:00 | | | | | | | |
| 16:00 - 16:30 | | | | | | | |
| 16:30 - 17:00 | | | | | | | |
| 17:00 - 17:30 | | | | | | | |
| 17:30 - 18:00 | | | | | | | |
| 18:00 - 18:30 | | | | | | | |
| 18:30 - 19:00 | | | | | | | |
| 19:00 - 19:30 | | | | | | | |
| 19:30 - 20:00 | | | | | | | |
| 20:00 - 20:30 | | | | | | | |
| 20:30 - 21:00 | | | | | | | |
| 21:00 - 21:30 | | | | | | | |
| 21:30 - 22:00 | | | | | | | |

Confirm **Cancel**

After checking 'Final exam hall' box you need to click on 'Confirm' button to confirm changes.

Room that is now final exam room next to the name of the room has new label "E m*n" where 'E' stands for exam, 'm' stands for the number of columns and 'n' stands for the number of rows.



The 'Rooms' dialog box displays a list of rooms. The room 'A-003 (30 seats, E10x9)' is highlighted with a red box. The dialog also includes buttons for Add, Delete, Edit, Up, Down, and Close. A checkbox for 'Show only final exam halls' is visible at the bottom.

Room

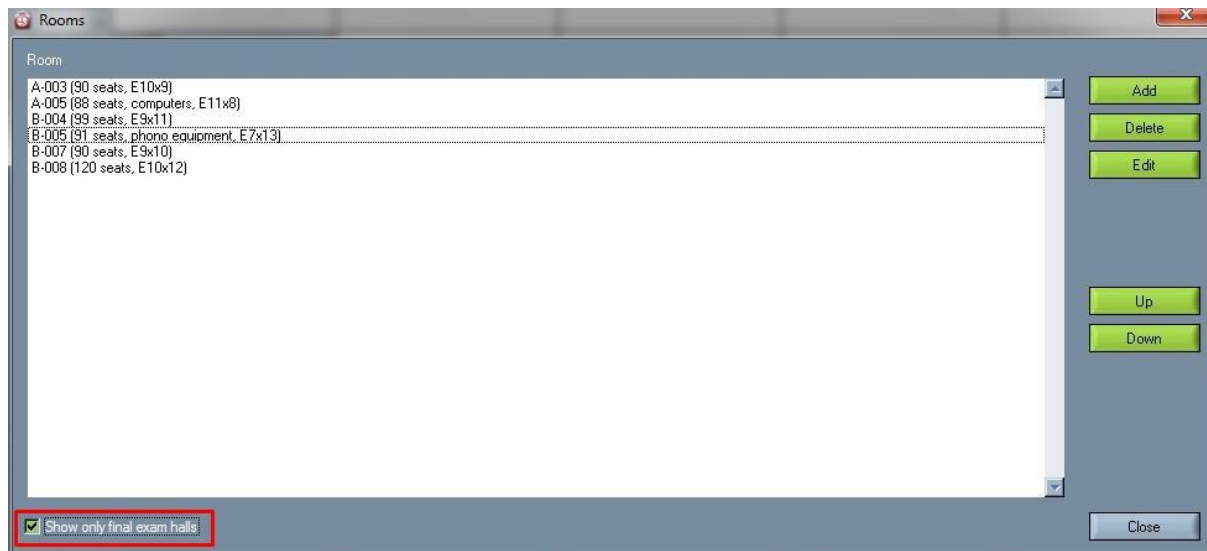
- A-001 (30 seats)
- A-002 (30 seats)
- A-003 (30 seats, E10x9)
- A-004 (60 seats)
- A-005 (88 seats, computers, E11x8)
- A-006 (30 seats, computers)
- A-007 (90 seats)
- A-008 (30 seats)
- A-009 (30 seats)
- B-001 (30 seats)
- B-002 (30 seats)
- B-003 (30 seats, computers)
- B-004 (99 seats, E9x11)
- B-005 (91 seats, phono equipment, E7x13)
- B-006 (30 seats)
- B-007 (90 seats, E9x10)
- B-008 (120 seats, E10x12)
- B-009 (30 seats, phono equipment)
- Room 1 (30 seats)
- Room 2 (30 seats)

☐ Show only final exam halls

Add **Delete** **Edit** **Up** **Down** **Close**

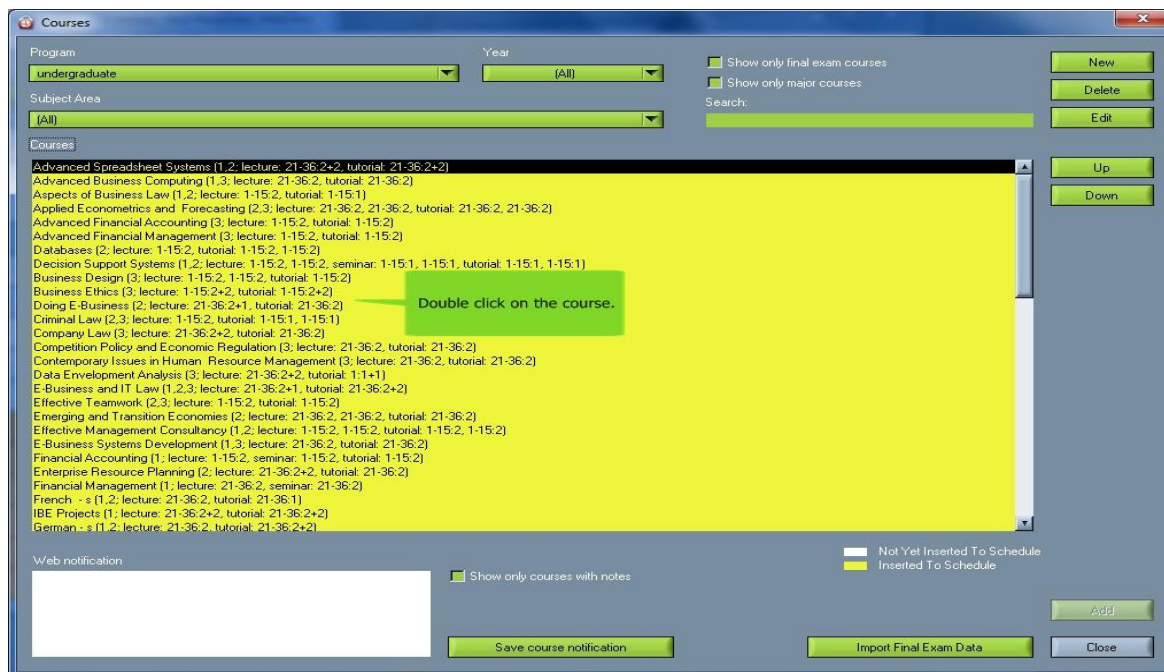
If you just want to see the list of final exam rooms, you can simply make it by checking 'Show only final exam halls' box, as shown in the picture below.

Wise Timetable Release notes



5.2. Select courses for the final exam

For selecting final exam courses in the main menu open 'Edit' and select 'Courses' and you will see courses list. If you want to access to courses list much quicker use 'F3' key on your keyboard. With double click on the course new window with course details will appear.



New window has part for final exam editing which is divided into two parts. In both parts you can see supervisor's name (professor/tutor) for selected course. By clicking on the supervisor's name new list with all professors/tutors for that subject will appear so you can choose who will be supervisor on the final exam.

Wise Timetable Release notes

Course Name: Contemporary Issues in Human Resource Management
Name translation (optional):
Code:
☐ Selectable

Course Type:
☒ lecture
☒ seminar
☒ tutorial

Areas: 3. Accounting for Management
Stud. Num: 90
Edit

Course Style:
☐ Periodical
☐ Modular

Prerequisites:
☐ computers
☐ phono equipment

| Lecturers | Turns | Duration | Groups | Room |
|-----------|-------|----------|------------------------|------|
| WOOD | 1 | 2 | AFM3-1, AFM3-2, AFM3-3 | |

Sequential
In different days
Generate only this course
Do not publish
Do not generate this course

Optimization Timeframe: Any Time
> Schedule

Lecturers: Add Delete
From: 23.9-5.10 (1) To: 21.9-27.9 (62)
Start hour: 07:00
After this hour: ☐
Before this hour: ☐
Duration (x 60 min): 1
All Turns: 1 Unallocated: 0
Duration Details
Anchor relations
Generate until hours #: (optional): 0
Show duration per week: ☒
Show whole duration: ☐
Force free day after: ☐
Skip Pauses: ☐
Make always visible: ☐
Confirm Cancel

Optional settings for final exams - Course Parts:
☐ Need final exam ☐ Course part is major Exam supervisor: WOOD MARGARET
Optional settings for final exams - Whole Course:
☐ Need final exam ☐ Course is major Exam supervisor: WOOD MARGARET
Not Yet Inserted To Schedule Inserted To Schedule

First part for final exam editing 'Optional settings for final exam – Course Parts' is used when course part (lecture/tutorial) needs final exam and by checking 'Need final exam' course part will be scheduled for final exam. If that course part is major, then by clicking on 'Course part is major' you are giving that function to the course part.

Wise Timetable Release notes

In second part 'Optional settings for final exam – Whole Course' you are checking 'Need final exam' when whole course needs final exam. If selected course is major you should also check 'Course is major'. In the same time you can schedule whole course and course part for final exam, and none, one or both of them can be major.

When you are done with changing, confirm changes by clicking on 'Confirm'.

The screenshot shows the 'Course' dialog box with the following details:

- Course Name:** Contemporary Issues in Human Resource Management
- Code:** [Empty]
- Course Type:** ☒ lecture, ☒ seminar, ☐ tutorial
- Optional settings for final exams - Whole Course:** ☒ Need final exam, ☒ Course is major, Exam supervisor: WOOD MARGARET
- Optional settings for final exams - Course Parts:** ☐ Need final exam, ☐ Course part is major, Exam supervisor: WOOD MARGARET
- Confirm** and **Cancel** buttons are at the bottom right.

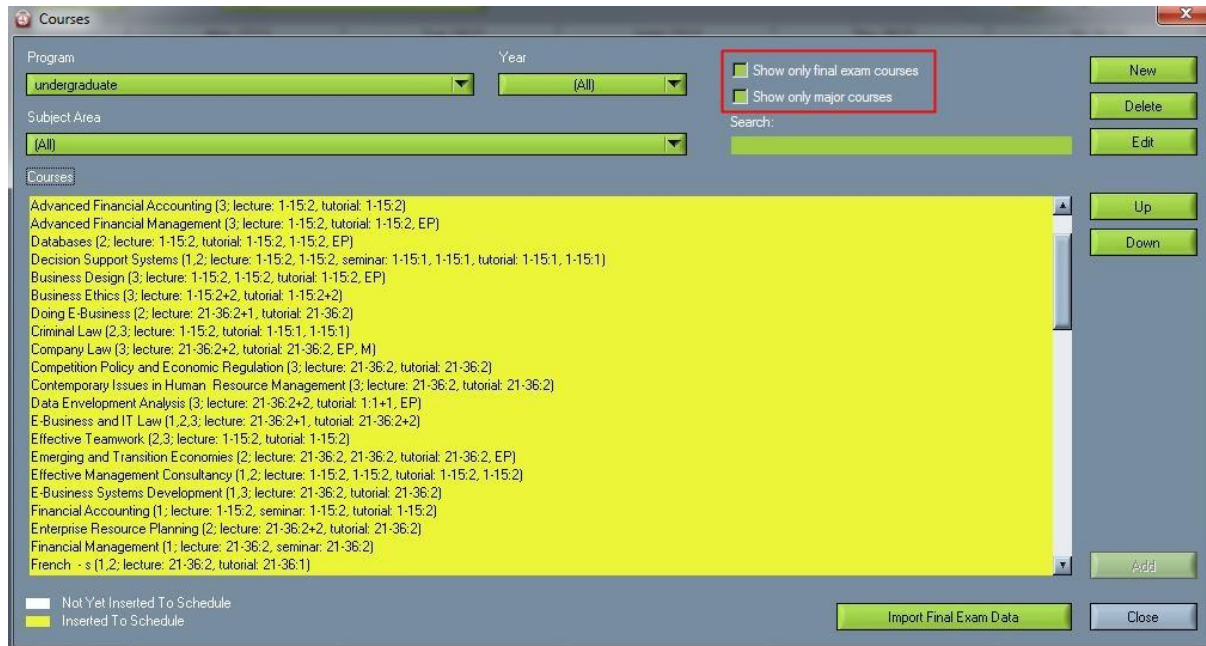
Final exam courses now besides their name have new label 'EP'. When final exam course/course part is major than beside name and 'EP' has one more label 'M' which stands there for major.

The screenshot shows the 'Courses' dialog box with the following details:

- Program:** undergraduate
- Year:** (All)
- Subject Area:** (All)
- Courses List:**
 - Advanced Financial Accounting (3; lecture: 1-15.2, tutorial: 1-15.2) **EP**
 - Databases (2; lecture: 1-15.2, tutorial: 1-15.2, EP)
 - Decision Support Systems (1,2; lecture: 1-15.2, 1-15.2, seminar: 1-15.1, 1-15.1, tutorial: 1-15.1, 1-15.1)
 - Business Design (3; lecture: 1-15.2, 1-15.2, tutorial: 1-15.2, EP)
 - Business Ethics (3; lecture: 1-15.2+2, tutorial: 1-15.2+2)
 - Doing E-Business (2; lecture: 21-36.2+1, tutorial: 21-36.2)
 - Criminal Law (2,3; lecture: 1-15.2, tutorial: 1-15.1, 1-15.1)
 - Company Law (3; lecture: 21-36.2+2, tutorial: 21-36.2, **EP, M**)
 - Competition Policy and Economic Regulation (3; lecture: 21-36.2, tutorial: 21-36.2)
 - Contemporary Issues in Human Resource Management (3; lecture: 1-15.2, tutorial: 21-36.2)
 - Data Envelopment Analysis (3; lecture: 1-15.2+2, tutorial: 1-1+1, EP)
 - E-Business and IT Law (1,2,3; lecture: 21-36.2+1, tutorial: 21-36.2+2)
 - Effective Teamwork (2,3; lecture: 1-15.2, tutorial: 1-15.2)
 - Emerging and Transition Economies (2; lecture: 21-36.2, 21-36.2, tutorial: 21-36.2, EP)
 - Effective Management Consultancy (1,2; lecture: 1-15.2, 1-15.2, tutorial: 1-15.2, 1-15.2)
 - E-Business Systems Development (1,3; lecture: 21-36.2, tutorial: 21-36.2)
 - Financial Accounting (1; lecture: 1-15.2, seminar: 1-15.2, tutorial: 1-15.2)
 - Enterprise Resource Planning (2; lecture: 21-36.2+2, tutorial: 21-36.2)
 - Financial Management (1; lecture: 21-36.2, seminar: 21-36.2)
 - French - s (1,2; lecture: 21-36.2, tutorial: 21-36.1)
- Import Final Exam Data** button is at the bottom.

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By checking 'Show only final exam courses' or 'Show only major courses' just courses that have final exams or they are major will show up.



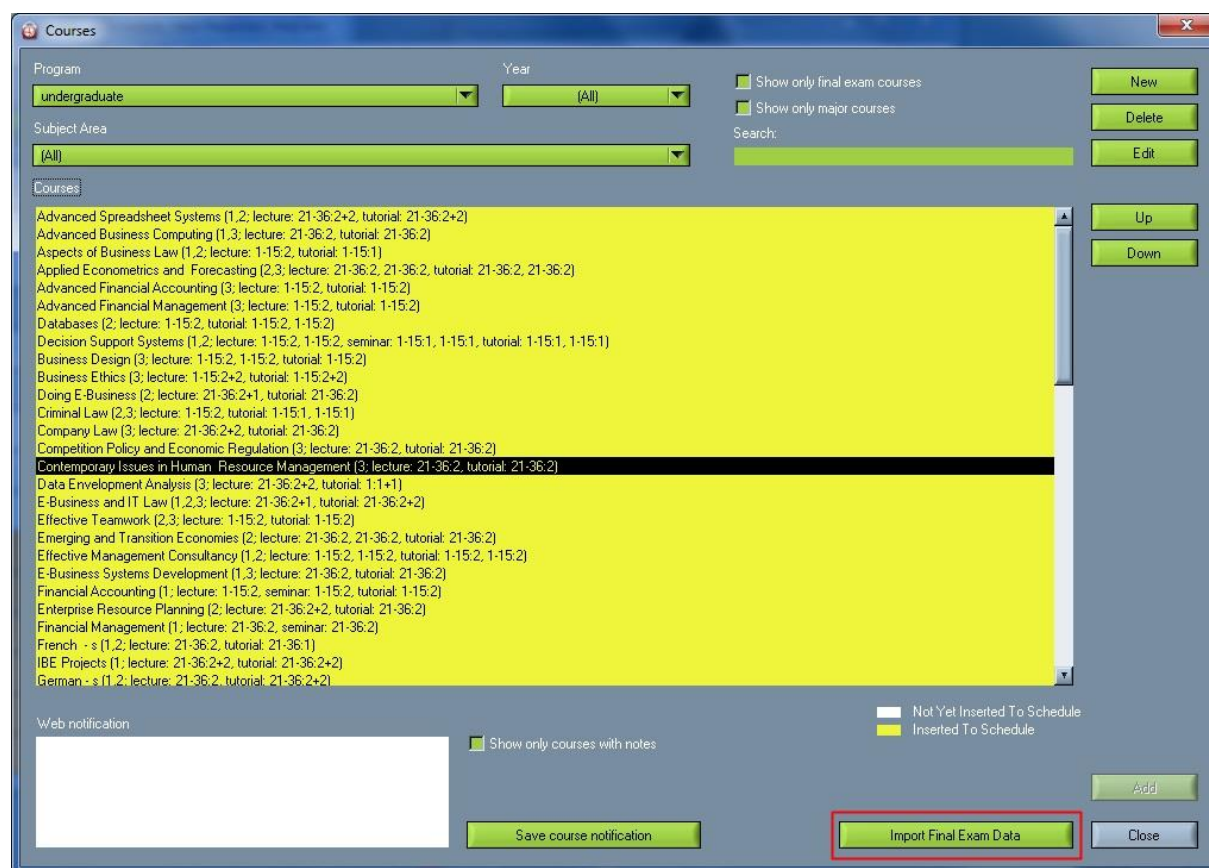
5.3. Imports for final exam

Imports for final exam can be done for students and for courses separately.

5.3.1. Imports for courses

In case that more courses need final exam, than instead entering needed information one by one, you can automatically import needed data from your PC (csv/excel) by clicking 'Import Final Exam Data' and then you can see new window where you choose which data/files from your PC you will import.

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This is example of the import:

BIOL 101 (LCTR);BIOL 102 (LCTR);BIOL 102 (LCTR);BIOL 102 (LCTR);BIOL 102 (LCTR);BIOL 102 (LCTR);BIOL 102 (LCTR);P201303999;;

BIOL 101 (LCTR);BIOL 102 (LCTR);BIOL 102 (LCTR);BIOL 102 (LCTR);BIOL 102 (LCTR);BIOL 102 (LCTR);BIOL 102 (LCTR);BIOL 112 (LAB);BIOL 112 (LAB);BIOL 112 (LAB);BIOL 112 (LAB);BIOL 112 (LAB);BIOL 112 (LAB);P201306634;;

BIOL 112 (LAB);P000000001;;

CLTEST (LCTR);cltest (LCTR);P201400346;;

ENGL 001 (TUTR);ENGL 001 (TUTR);ENGL 001 (TUTR);ENGL 001 (TUTR);ENGL 101 (LCTR);ENGL 101 (LCTR);P201304014;;

ENGL 101 (LCTR);ENGL 101 (LCTR);PHIL 101 (LCTR);P201304002;;

Here we see that each line represents one student and a list of all courses where he is going to have final exam. Each separate list part is: COURSE NAME (COURSE PART). You can commit the course part and write only course name here (without parentees) and it will mean the whole course will be taken for final exam. Course part can be complete course type name or course type code. At the end of line is Tutor code which must exist if this import is used. Note that if tutor code begins with character 'P' – it is ignored and

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cutted-off the code. This is because some external applications generates this 'P' character in front of the code.

5.3.2. Imports for students

To import students automatically from your PC open Edit → Students → Import after which you will see new window for selecting file you want to import.

The 'Students' window displays a list of students with the following columns: ID, Surname, Name, Email, Subject Area, and Year. The table is filtered by Program (undergraduate), Year (1. Year), and Subject Area (Business and Management). The 'Num. of students' is 180, and the 'Num. of selected' is 180. The 'Import' button is highlighted with a red box.

| ID | Surname | Name | Email | Subject Area | Year |
|----------|-------------|-----------|-------|--------------|------|
| 19375481 | ADAMS | RICKENA | | BAM (BAM1-1) | 1 |
| 19375482 | AGG | CAMILLA | | BAM (BAM1-1) | 1 |
| 19375483 | AGNES | MAMIE | | BAM (BAM1-1) | 1 |
| 19375484 | AKERS | LAURENE | | BAM (BAM1-1) | 1 |
| 19375485 | ALICE | LORNA | | BAM (BAM1-1) | 1 |
| 19375486 | ALTMAN | IVOR | | BAM (BAM1-1) | 1 |
| 19375487 | ANDERSON | CATHARINE | | BAM (BAM1-1) | 1 |
| 19375488 | ANDERSON | SKYLAR | | BAM (BAM1-1) | 1 |
| 19375489 | BALDWIN | INNOCENT | | BAM (BAM1-1) | 1 |
| 19375490 | BARR | LEANNA | | BAM (BAM1-1) | 1 |
| 19375491 | BASHLINE | FRANK | | BAM (BAM1-1) | 1 |
| 19375492 | BATTEN | HEWIE | | BAM (BAM1-1) | 1 |
| 19375493 | BAUGHMAN | SAMANTHA | | BAM (BAM1-1) | 1 |
| 19375494 | BEARD | RENITA | | BAM (BAM1-1) | 1 |
| 19375495 | BECK | GAWAIN | | BAM (BAM1-1) | 1 |
| 19375496 | BELL | KYLA | | BAM (BAM1-1) | 1 |
| 19375497 | BERKHEIMER | BRAM | | BAM (BAM1-1) | 1 |
| 19375498 | BERRY | ANNMARIE | | BAM (BAM1-1) | 1 |
| 19375499 | BLACKBURN | BURTON | | BAM (BAM1-1) | 1 |
| 19375500 | BLACKBURN | HEATHER | | BAM (BAM1-1) | 1 |
| 19375501 | BLOIS | KIT | | BAM (BAM1-1) | 1 |
| 19375502 | BLOISE | MADELYN | | BAM (BAM1-1) | 1 |
| 19375503 | BLYANT | JUNE | | BAM (BAM1-1) | 1 |
| 19375504 | BOUSUM | JAYNE | | BAM (BAM1-1) | 1 |
| 19375505 | BOWCHIEW | KENNETH | | BAM (BAM1-1) | 1 |
| 19375506 | BRANDENBURG | HARRIETTE | | BAM (BAM1-1) | 1 |
| 19375507 | BRINER | MARCUS | | BAM (BAM1-1) | 1 |
| 19375508 | BULLARD | ZUBIN | | BAM (BAM1-1) | 1 |
| 19375509 | BURCH | KEREN | | BAM (BAM1-1) | 1 |
| 19375510 | BUTTERMORE | LORIN | | BAM (BAM1-1) | 1 |
| 19375511 | CADY | DEBBIE | | BAM (BAM1-2) | 1 |
| 19375512 | CANDLES | IVY | | BAM (BAM1-2) | 1 |

Import example:

201300116;2014;Ann;Jhonson;S-Ann.Jhonson@university.edu.eg;CHEM 101 (LCTR);CHEM 101 (TUTR);CHEM 111 (LAB);ENGL 99 (TUTR);ENGR 100 (LCTR);MATH 101 (LCTR);MATH 101 (TUTR);PHYS 101 (LCTR);PHYS 101 (TUTR);PHYS 111 (LAB);CSCI 101 (LCTR);CSCI 101 (TUTR);MATH 201 (LCTR);MATH 201 (TUTR);PHYS 201 (LCTR);PHYS 201 (TUTR);PHYS 211 (LAB);SCI/ENGR 200 (SEM);SPC 201 (LCTR);SPC 201 (TUTR);SPC 208 (LCTR);SPC 208 (TUTR);BIOL 101 (LCTR);BIOL 101 (TUTR);BIOL 111 (LAB);CHEM 102 (LCTR);CHEM 102 (TUTR);CHEM 112 (LAB);ENGL 001 (TUTR);ENGL 101 (TUTR);ENGR 101 (SEM);MATH 102 (LCTR);MATH 102 (TUTR);PHYS 102 (LCTR);PHYS 102 (TUTR);PHYS 112 (LAB);BIOL 102 (LCTR);BIOL 102 (TUTR);BIOL 112 (LAB);BIOL 112 (LAB);ENGL 101 (LCTR);ENGL 101 (LCTR)

201300126;2014;Mark;Aniston;S-Aniston.Mark@university.edu.eg;BIOL 101 (LCTR);BIOL 101 (TUTR);BIOL 111 (LAB);CHEM 101 (LCTR);CHEM 101 (TUTR);CHEM 111 (LAB);ENGL 100 (TUTR);ENGR 100 (LCTR);MATH

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101 (LCTR);MATH 101 (TUTR);PHYS 101 (LCTR);PHYS 101 (TUTR);PHYS 111 (LAB);CSCI 101 (LCTR);CSCI 101 (TUTR);MATH 201 (LCTR);MATH 201 (TUTR);NANENG 221 (LCTR);NANENG 221 (TUTR);PHYS 201 (LCTR);PHYS 201 (TUTR);PHYS 211 (LAB);SCH 201 (LCTR);SCI/ENGR 200 (SEM);CHEM 102 (LCTR);CHEM 102 (TUTR);CHEM 102 (TUTR);CHEM 112 (LAB);CHEM 112 (LAB);ENGL 101 (TUTR);ENGL 101 (TUTR);ENGR 101 (SEM);MATH 102 (LCTR);MATH 102 (TUTR);MATH 102 (TUTR);PHIL 101 (LCTR);PHYS 102 (LCTR);PHYS 102 (TUTR);PHYS 102 (TUTR);PHYS 112 (LAB);PHYS 112 (LAB);BIOL 102 (LCTR);BIOL 102 (TUTR);BIOL 112 (LAB) 201300129;2014;Linda;Morus;S-Morus.Linda@university.edu.eg;BIOL 101 (LCTR);BIOL 101 (TUTR);BIOL 101 (TUTR);BIOL 111 (LAB);BIOL 111 (LAB);CHEM 101 (LCTR);CHEM 101 (TUTR);CHEM 101 (TUTR);CHEM 111 (LAB);CHEM 111 (LAB);ENGL 100 (TUTR);ENGL 100 (TUTR);ENGR 100 (LCTR);MATH 101 (LCTR);MATH 101 (TUTR);MATH 101 (TUTR);PHYS 101 (LCTR);PHYS 101 (TUTR);PHYS 101 (TUTR);PHYS 111 (LAB);PHYS 111 (LAB);CHEM 102 (LCTR);CHEM 102 (TUTR);CHEM 112 (LAB);ENGL 101 (TUTR);ENGR 101 (SEM);MATH 102 (LCTR);MATH 102 (TUTR);PHIL 101 (LCTR);PHYS 102 (LCTR);PHYS 102 (TUTR);PHYS 112 (LAB);BIOL 102 (LCTR);BIOL 102 (TUTR);BIOL 112 (LAB)

Here we see that line begins with student ID, followed by year – this year is actually ignored by Wise Timetable if it is actual year like in this example. If it is school year from 1-9 it is not ignored. This data is followed by student surname and name and then email (used to automatically email final exam data to all participating students). After this basic student data, all the courses and their course parts are listed – those which are important for final exams, of course.

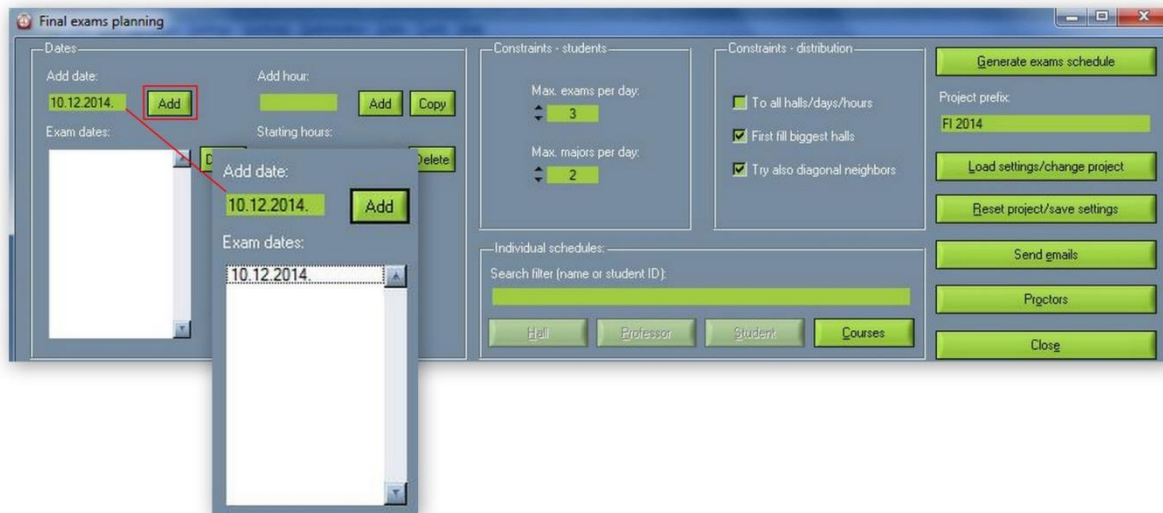
All this information can be set manually, using Wise Timetable graphical user interface (as described in other help sections) but, since final exam data can be very large, we provided these two imports to make final exam data input easier.

5.4. Schedule final exams

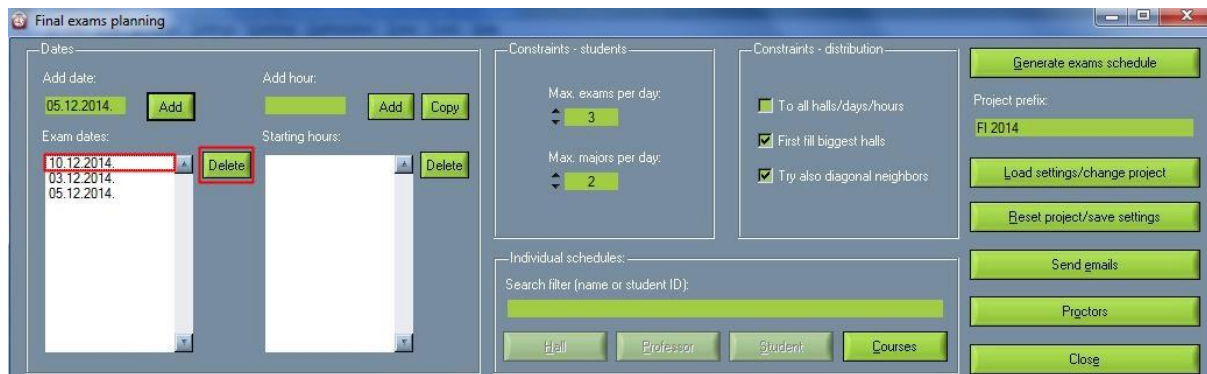
5.4.1. Dates

At the main menu select 'Tools' and open 'Plan final exams' where you can edit details about final exams. In part 'Dates' in 'Add date' box can add final exam date/dates. After writing the date click on 'Add' and entered date will show up 'Exam dates'. When you want to enter more dates do the same again.

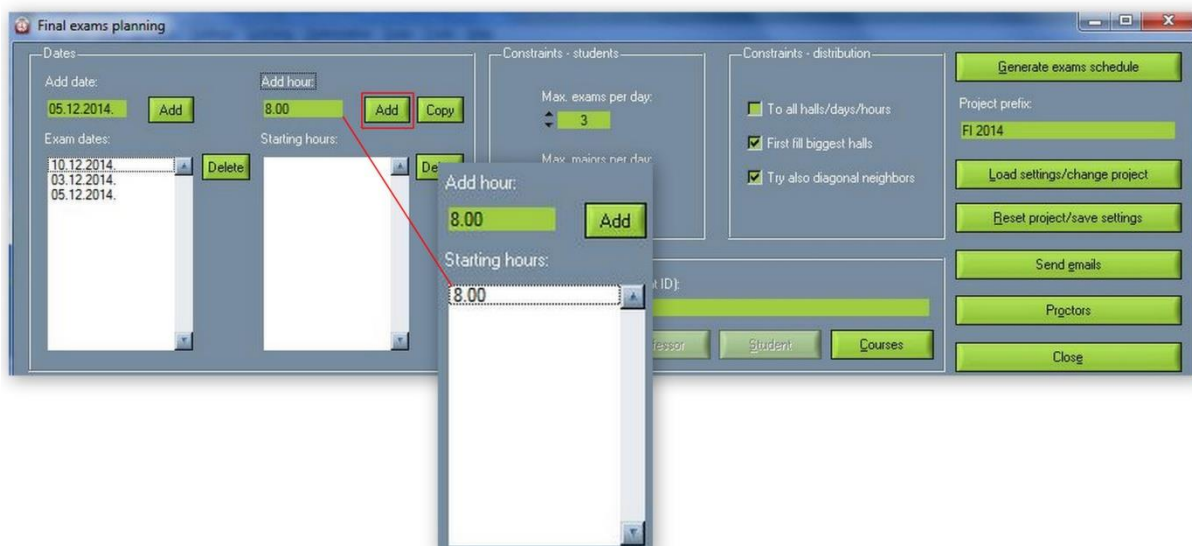
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If added date needs to be deleted, then mark the date you want to delete and then click on 'Delete'.



To add the time for final exam first mark the date in which you want to enter the time and then in box 'Add hour' write start time of final, click on 'Add' and then start time of exam will show up in 'Starting hour'. In one date it is possible to add more hours.



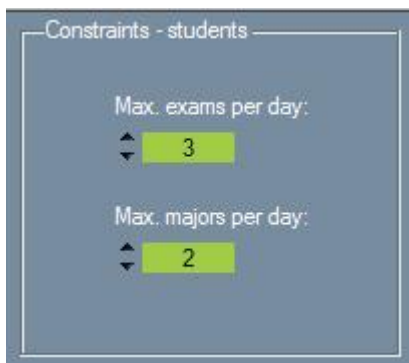
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If starting hours you added in one date can apply to another, than simply copy them with two steps: click on the date you want to copy time and then click 'Copy'.

Deleting hour is same as deleting date, click on time you want to delete and then click on 'Delete'

5.4.2. Constraints – students

'Settings – students' part is used to decide how many final exams and major exam students can have per day.



5.4.3. Constraints – distribution

'Settings – distribution' part is used to schedule students during final exams in classrooms. In this part there are three options and in the same time more than one option can be checked.

Options are:

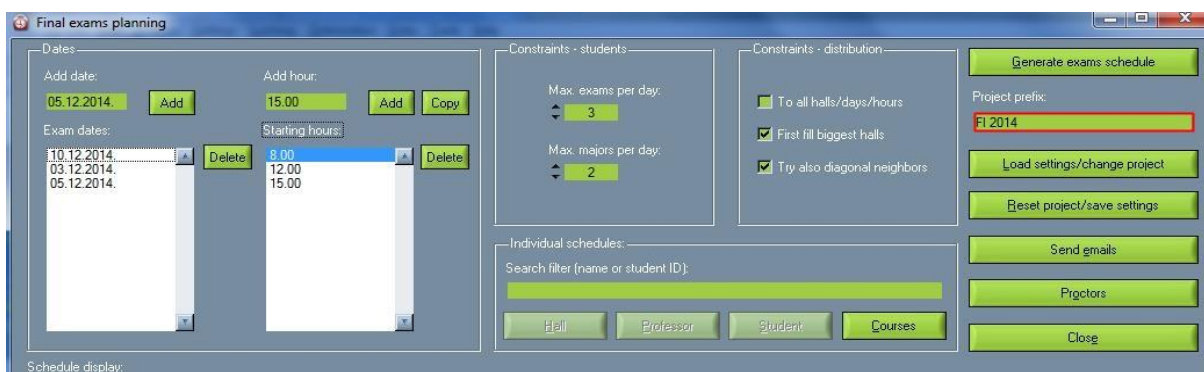
1. 'All halls/days/hours' – by checking this option students will be scheduled in all rooms, does not matter which date or start hour;
2. 'First fill biggest hall' - function of this option is to schedule students from bigger to smaller rooms;
3. 'Try also diagonal neighbors' This option will schedule students that have same final exam in diagonal way. Notice: even when this option is checked software will first try to schedule students that have same exam not to seat near each other, but if this is not possible (because of students and courses structure), than students will be scheduled in diagonal way, so in any case students with the same final exam will not sit near/next to each other. We recommend that this option is always checked.

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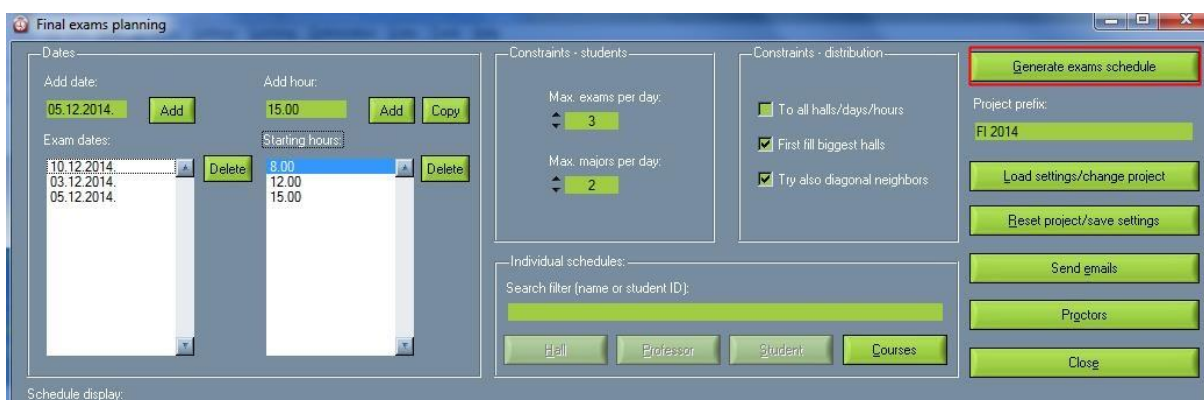


5.4.4. Generate exam schedule

Before you save or generate final exams it's needed to give the name of the project. You can do it in 'Project prefix' box'. The meaning of giving the name of the current project is not to mix projects that you are/were doing in the software.



After giving a name to the project, next step is to generate changes, and that is possible by clicking on 'Generate exams schedule' after which a new window will be opened. In the new window you choose where to save final exams data (Note: New project shouldn't be saved in Program Files).



When generating is finished in the blank part of window new table will show up. Table is made of 6 columns. In the first column you can see final exam courses names. Second column contain number of

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students for each course. In third column there are names of rooms in which final exams will be held. Dates and time for each exam are in forth column, and in fifth there are names of supervisors for each exam. In sixth column you can see information if course is major or not, if in that column is 'M' than course/course part that is in same row as 'M' is major, if the place is empty, than course/course part is not major.

Above the table is its name which contains information about where the table/project is saved, name of the project and file format, as you can see in the next picture.

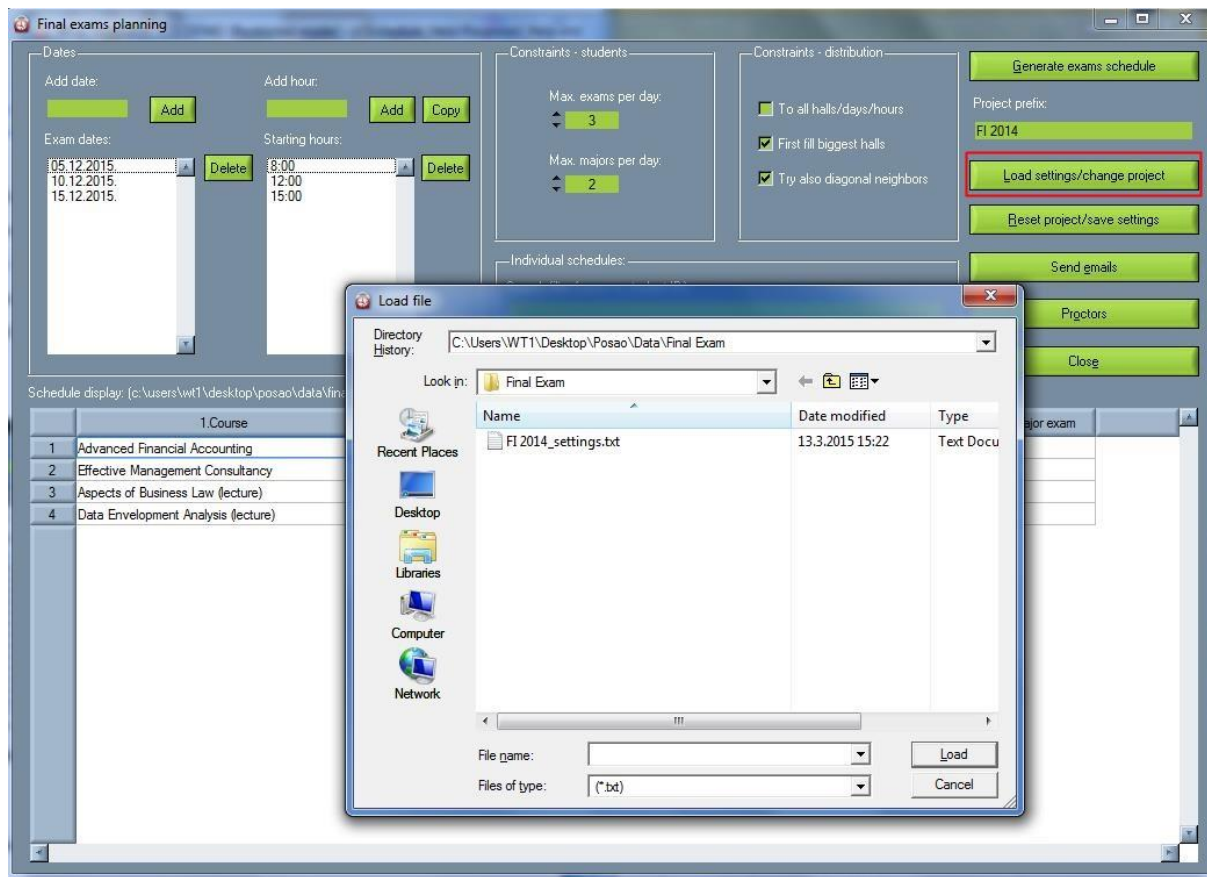
Schedule display: (c:\vaspored_help\project1 2014_c_schedules.csv)

| | 1.Course | 2.Number of students | 3.Hall | 4.Day(Hour) | 5.Exam supervisor | 6.Major exam |
|---|--|----------------------|--------|--------------------|-------------------|--------------|
| 1 | Principles of Macroeconomics (lecture) | 180 | A-005 | 01.12.2014.(8:00) | GREENWOOD GAREY | M |
| 2 | Effective Management Consultancy | 180 | A-005 | 01.12.2014.(12:00) | MOCLUSKY JAMES | |
| 3 | Effective Management Consultancy (lecture) | 180 | A-005 | 01.12.2014.(15:00) | QUINN LIZZY | |
| 4 | Management Science Project | 180 | A-005 | 03.12.2014.(8:00) | CRAM MADONNA | M |
| 5 | Management Science Project (lecture) | 180 | A-005 | 03.12.2014.(12:00) | EVANS LOUIS | M |

5.4.5. Load exams

With this option you can load final exam projects you made before. To do so firstly in 'Project prefix' box write the name of the project you want to load and then click on 'Load settings/change project' and new window which contains Excel files from that project will show up. In excel files there are schedules for each room, professor and student. The name of each file starts with the name of project.

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1. Project1 2014_c_schedules

Label '_c_' in the name of the document means that document contains whole schedule (all courses, rooms, professors and students);

2. Project1 2014_p_EVANS LOUIS

Label '_p_' in the name of the document means that document contains schedule for the professor whose name is written after the label;

3. Project1 2014_r_A-005_01.12.2014.(12-00)

Label '_r_' in the name of the document means that document contains schedule for room. The name of the room is written after the label. Besides information about room, in the name of document with this label you can see date and time of final exam which will be held in that room;

4. Project1 2014_s_ADAMS RICKENA (19375481)

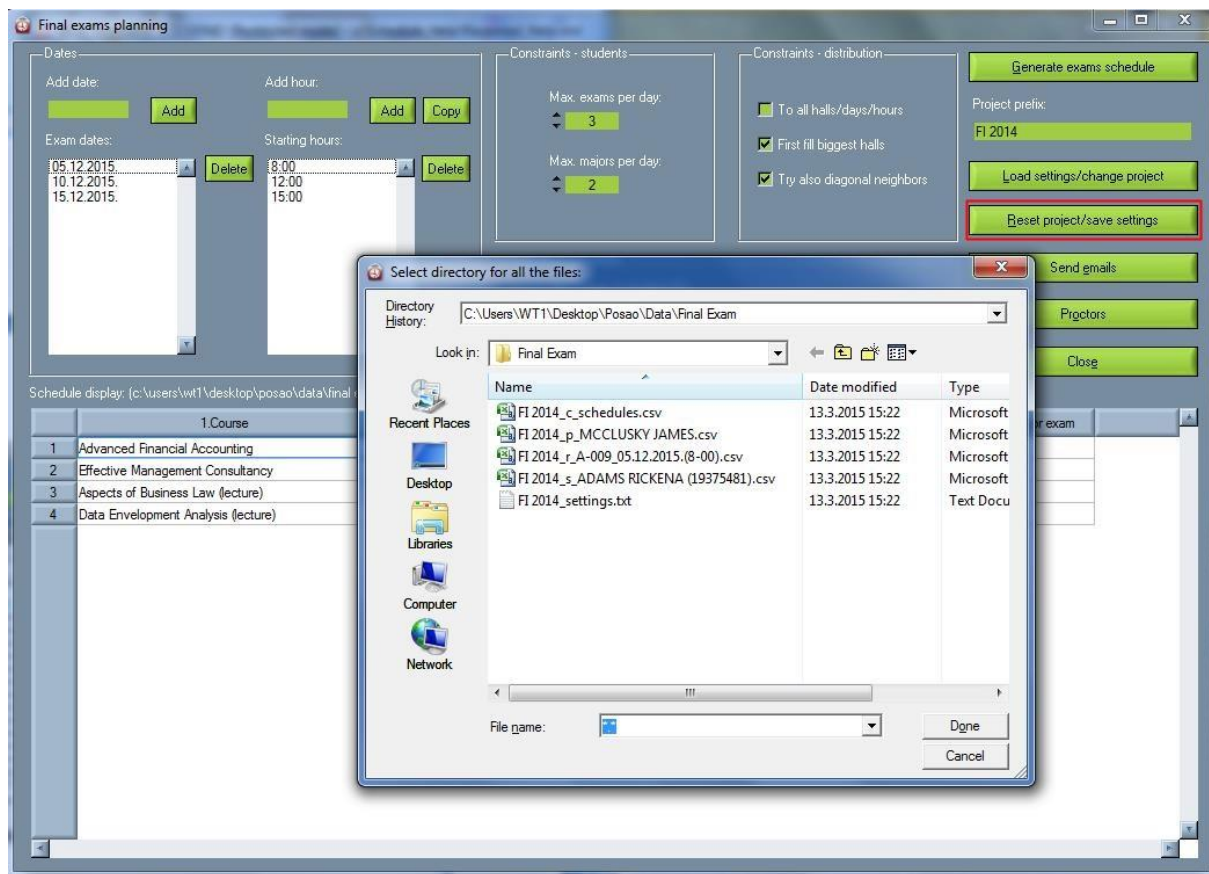
Label '_s_' in the name of the document means that document contains schedule for a student whose name is written right after the label.

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5.4.6. Save exams

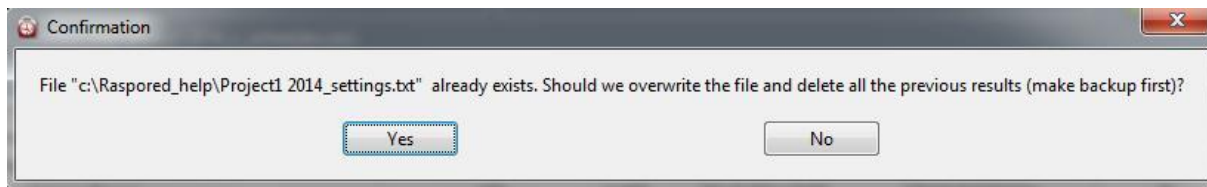
To save final exams click on 'Reset project/save exams' by which new window will open. In the window you can see same documents explained in the part above. Click on 'Done' and Final exams will be saved. If you have made some changes related to final exams by saving application will save those changes, which means that what was generated before does not apply now.

As said, 'Reset project/save exams' button besides saving will delete/overwrite previous documents which have same prefix (the name) of project and will change them with new ones. The reason for this extra functionality of save button is, for example, by changing date, time etc. which are in the same project, the old documents don't have the meaning like they had before, so program is deleting them.



After clicking 'Done' program will ask if you want to overwrite the file and delete all the previous results (program will backup previous documents)

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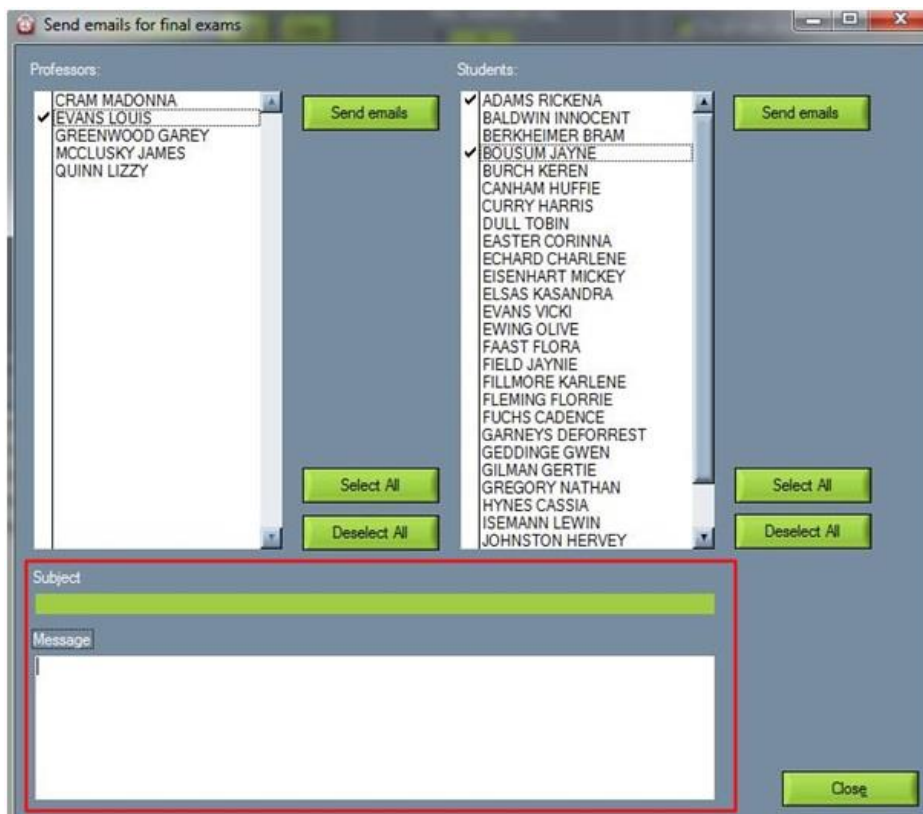
In case you want to return previous documents in the project just click again on generate button ('Generate exams schedule').

5.4.7. Send Emails

Choosing option 'Send emails' you can simply send schedules to students and professors and each will receive his/her own schedule. In the window you can see names of all professors and students who have their e-mail adress written in the applicaton.

On the left side are names of professors and on the right side are names of students.

Besides sending schedule, you can also send message.



If you want to send e-mail to one or more professors and/or students than click on their name and they will be selected so e-mail only will be send to them.

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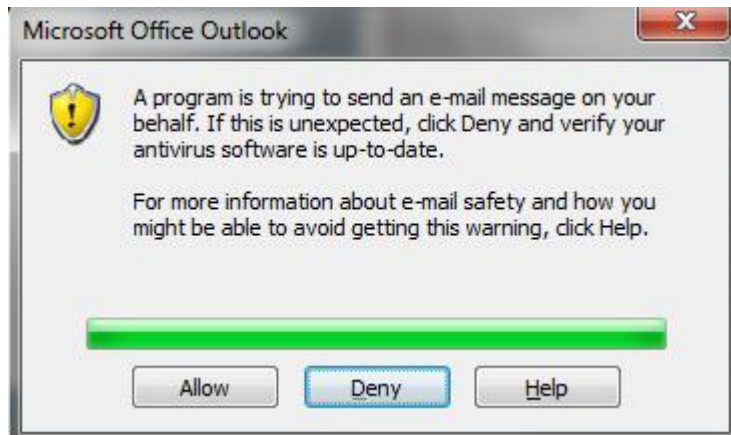
The screenshot shows a window titled "Send emails for final exams". It has two main columns: "Professors:" and "Students:". Each column has a list of names with checkboxes. In the "Professors:" list, "CRAM MADONNA", "EVANS LOUIS", "GREENWOOD GAREY", "MCCLUSKY JAMES", and "QUINN LIZZY" are checked. In the "Students:" list, "ADAMS RICKENA", "BALDWIN INNOCENT", "BERKHEIMER BRAM", and "BOUSUM JAYNE" are checked. To the right of each list are "Send emails", "Select All", and "Deselect All" buttons. Below the lists are fields for "Subject" and "Message", and a "Close" button at the bottom right.

Also, to select all professors/students click on 'Select all' and to deselect click on 'Deselect all'.

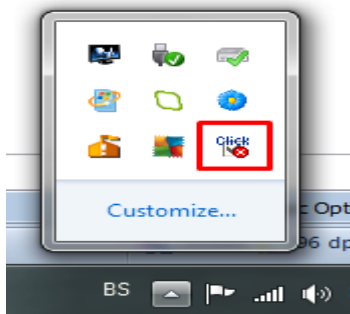
This screenshot shows the same window as the first, but now all names in both the "Professors:" and "Students:" lists have their checkboxes checked. The "Select All" and "Deselect All" buttons for both columns are highlighted with red rectangles, indicating they are the focus of the instruction. The "Send emails" buttons are also visible next to each list.

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After selecting persons you want to send schedules click on 'Send e-mails' after which this window will show up:



If you click "Allow", program will send e-mails from your Outlook e-mail address to selected professors/students, and each student will receive his/her own schedule. In case you don't want to click YES every time this window appears – we recommend you to download freeware application from Wise Timetable installation directory (ClickYesSetup.exe), which clicks automatically YES buttons for you. When installed, it will be available in the toolbar anytime you want to turn it on/off - only by double clicking on this icon, as shown further:

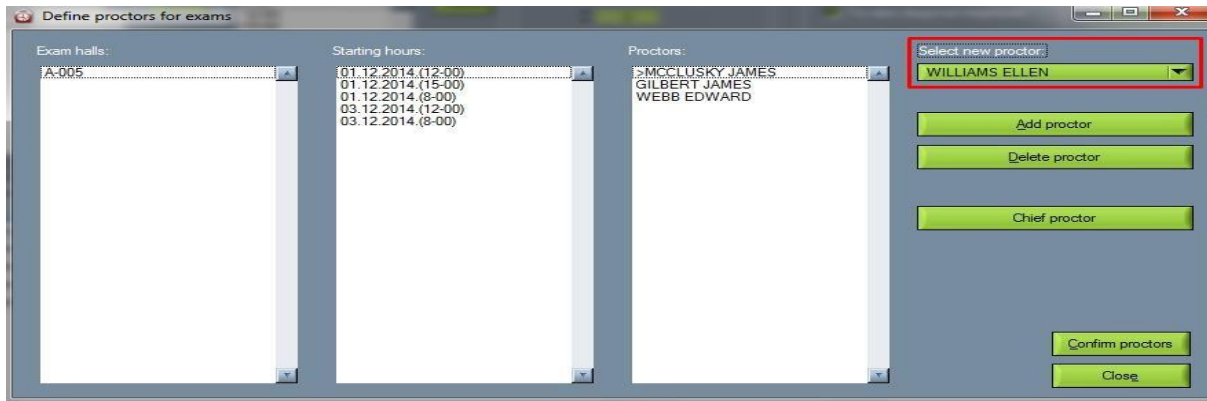


Besides sending schedule direct from the program, you can send e-mail from your e-mail and as attachment just choose document from directory in which you have saved final exam project.

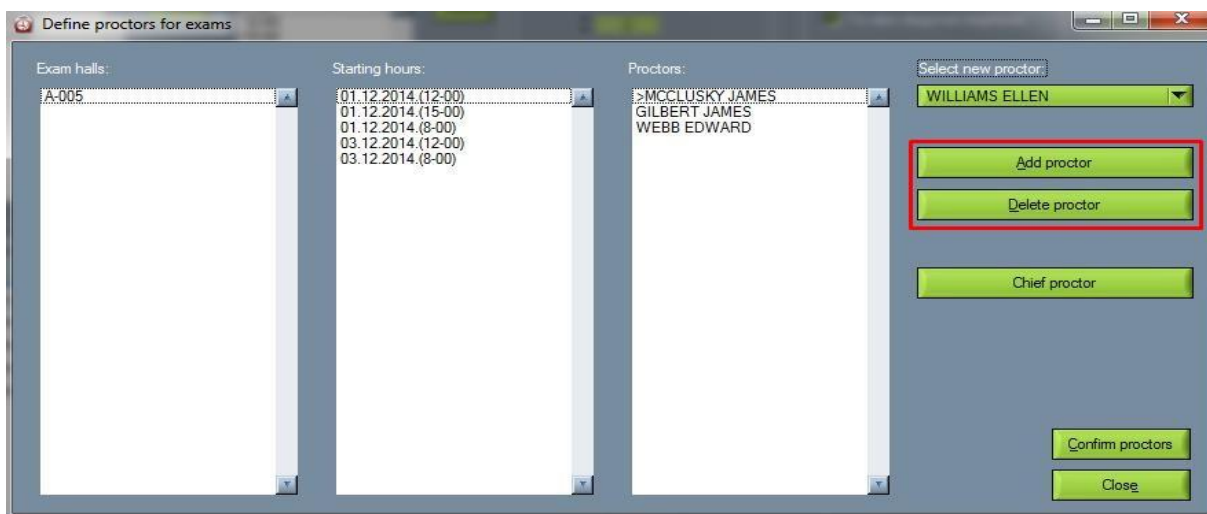
5.4.8. Add proctor

If there is a need that some or all final exams have more supervisors, than you can choose them by clicking on 'Proctors' and new window will show up. Click on the date and time of that exam (second column) and in third column name of supervisor for that exam will show up. After that click on 'Select new proctor' and you will see list of all professors available for that time and than click on the name of professor.

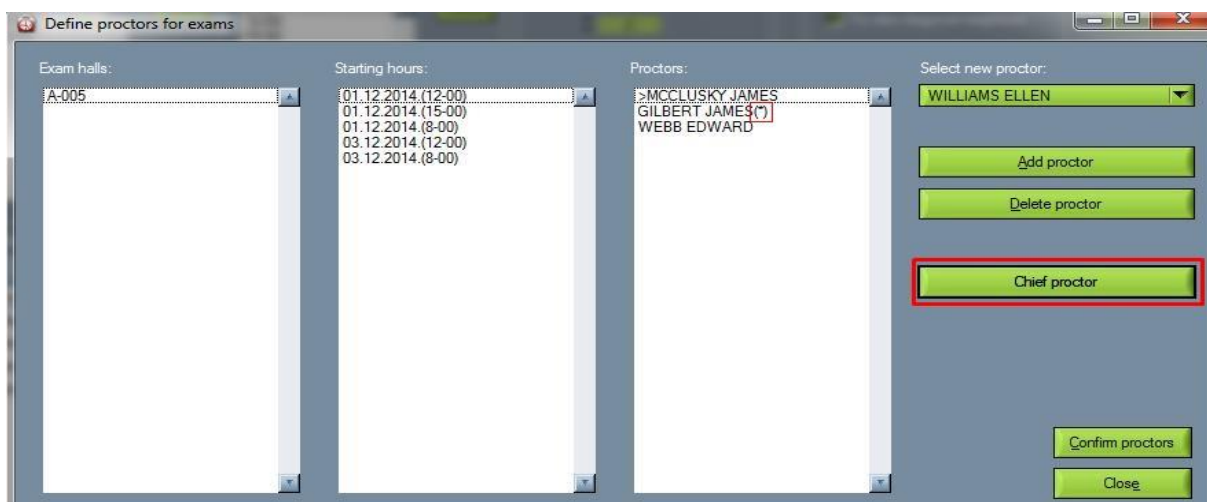
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After you see the name of proctor in 'Select new proctor' add him/her by clicking on 'Add proctor'. If some proctor you added needs to be deleted, then mark the name of proctor and click on 'Delete proctor'.



Besides this you can make one proctor as chief proctor. For this mark the name of proctor and then click on 'Chief proctor' and then you should see a star ('*') next to the name of that proctor.



After changes are made, confirm them.

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5.4.9. Search (Individual schedules)

In this part you can see box for search filter, options 'Hall', 'Professor', 'Student' and 'Courses'.

In search filter write words/numbers of searching object (name or student ID). In the same time as you are writing if that kind of information is in the program, than one or more options named above will become darker green and you will be able to see how many searched data you can find in that option. Click on that option and searched information will show up bellow.



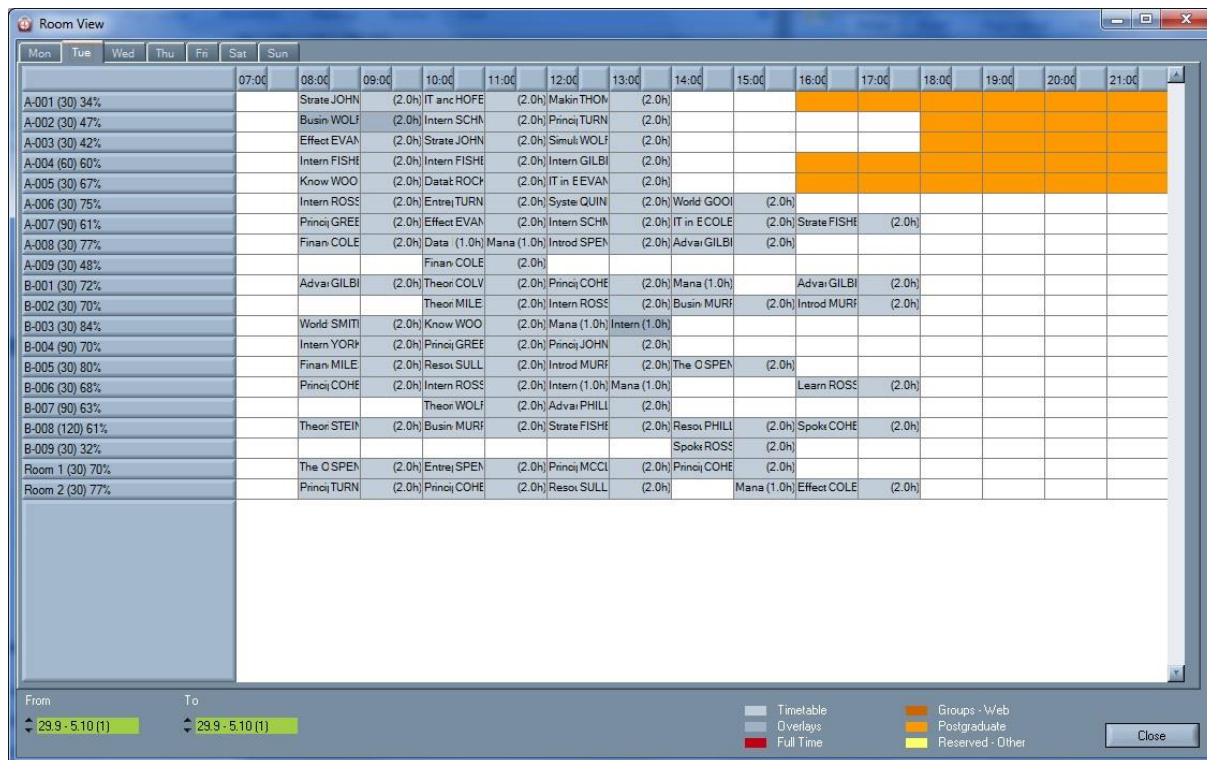
6. Statistic of the room utilization

Often users want to see what is utilization of rooms during the school year. This information can be used for planning the future expansion of school facilities or to optimize distribution of courses throughout the rooms.

This utilization is now presented on room overview screen (Analysis → View Rooms).

After each room name, there is percentage, telling you what is room utilization for the period set (from week to week).

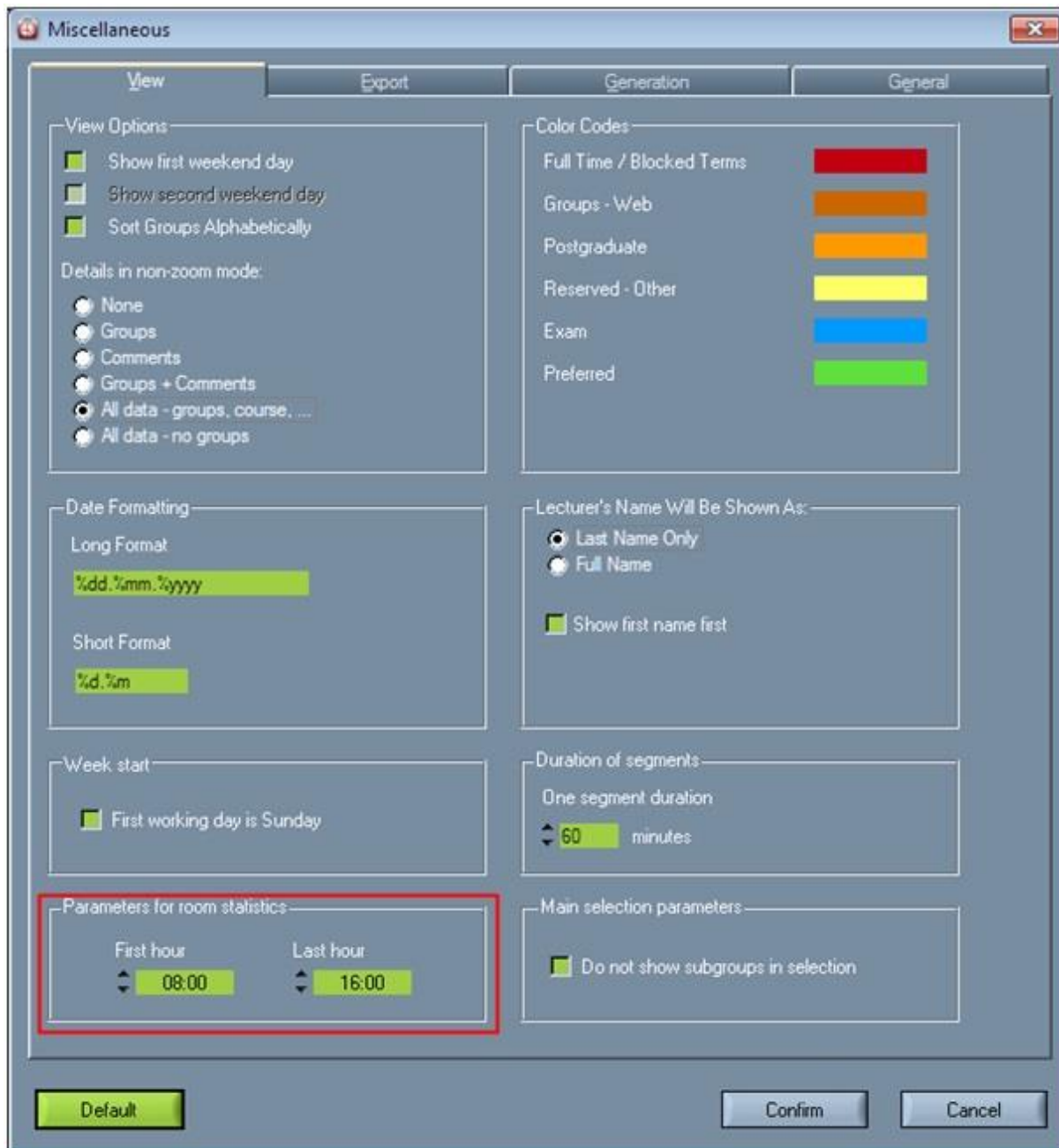
Wise Timetable Release notes



These numbers would not be very useful if you take into account all the defined time slots you have. Probably you do not want to calculate room utilization from 7 in the morning to 23 in the evening, taking into account that average room occupancy occurs during the day working hours.

In order to make these numbers more "real", we introduced parameters telling the software in which day period the room utilization is calculated. These parameter scan be set at Settings → Miscellaneous screen as follows:

Wise Timetable Release notes



In case shown, room utilization will be calculated only for day time between 8 and 16.

7. Change room

When changing schedule on the main window (double click on room) now is possible to change the room in which class will be performed. Available (free) rooms at that time are colored green. To select new room just mark room (make one click on the room name) and confirm your changes.

Wise Timetable Release notes

The screenshot shows the 'Schedule' window with the following details:

- Program:** undergraduate
- Year:** 1. Year
- Subject Area:** Business and Management
- Subjects:** Effective Management Consultancy, Intellectual Property, Making Managerial Decisions, Management Science Project, Principles of Macroeconomics, Management Science Method, Operational Research Techniques, Principles of Microeconomics, Spoken Interaction in Business.
- Rooms:** A-001, A-002, A-003, A-004, A-005, A-006, A-007, A-008, A-009, B-001, B-002, B-003, B-004, B-005, B-006, B-007. B-001 is highlighted.
- Groups:** (Empty list)
- Change professor:** /X/ COHEN GEORGE
- Buttons:** Confirm, Cancel

8. Change professor

When editing schedule on the main Wise Timetable window, you can also change professor. If there is 'X/' sign in front of professor's name, than that professor is occupied for selected terms.

Wise Timetable Release notes

Schedule

Program: undergraduate Year: 2. Year Edit

Subject Area: Business and Management

Criminal Law
Emerging and Transition Economies
Enterprise Resource Planning
International Business Environment
Psychology & Work
Strategic Management
Theories of HRM
Total Quality Management
Written Business English
Physics

Physics, lecture, GILBERT, turn 1 (BAM2-1)
Physics, lecture, GILBERT, turn 2 (BAM2-2)

Physics, lecture, GILBERT, turn 2 (BAM2-2)

Day: Monday From: 11:00 Duration: 1h

Name For Display:

From: 29.9 - 5.10 (1) To: 29.9 - 5.10 (1)

Not Yet Inserted To Schedule
Inserted To Schedule

Confirm Cancel

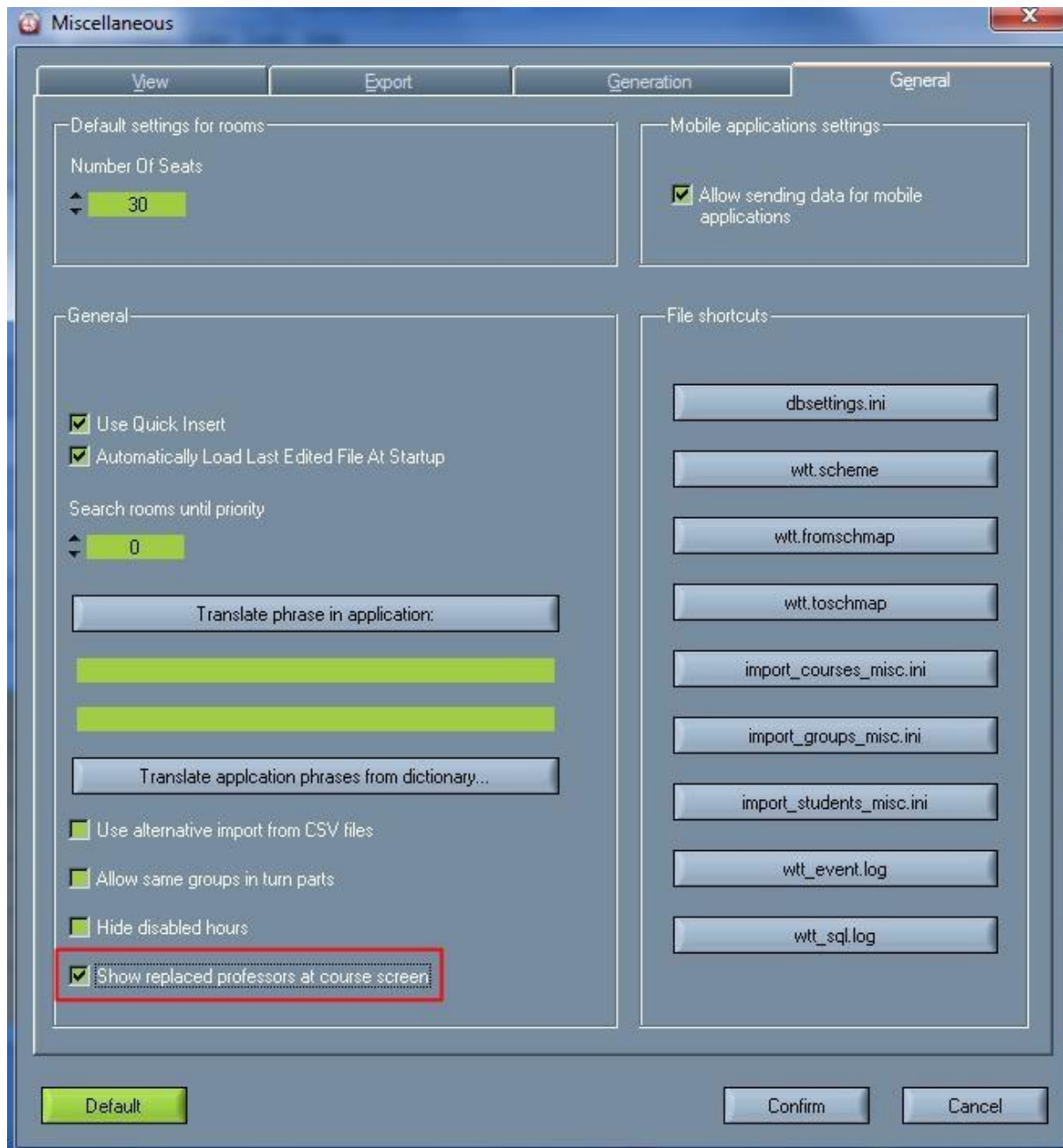
XX/ COHEN GEORGE
XX/ COLE DAVID
XX/ COLWELL RITA
XX/ CRAM MADONNA
DAVIS ANGELA
XX/ EVANS LOUIS
XX/ FISHER RICHARD
XX/ GILBERT JAMES
GOODMAN AMANDA
GREENWOOD GAREY
HANFORD RALPH
HOFFER NICHOLAS
XX/ JOHNSON PETER
XX/ MCCLUSKY JAMES
XX/ MILES STEVE
MURRAY BEN
PHILLIPS STANLEY
QUINN LIZZY
XX/ REYNOLDS PAUL
ROCKWELL BERNARD
XX/ ROSS JANET
XX/ SCHMIDT JAIME
SMITH ROXIE
SPENCER JOHN
XX/ STEIN BARBARA
XX/ SULLIVAN GEORGE
THOMPSON TEDDY
XX/ TURNER MARK
WEBB EDWARD
WILLIAMS ELLEN
XX/ WOLFE WARREN
WOOD MARGARET
YORKE ROBERT
XX/ GILBERT JAMES

There are two ways of changing professors – change professor only for this week and change professor for all weeks for this lecture.

When change is made for one week, existing professor's turn part is only "disabled" in the schedule.

When change is made for all weeks, professor takes complete turn part from existing professor.

In both cases, new turn is created for new professor, those turns might or might not be displayed in the course definition. You can control professor's changes visibility at Settings → Miscellaneous → General if you turn on/off "Show replaced professors at course screen" button.



9. Detailed overviews

9.1. Detailed info at rooms overview

At Analysis → View Rooms, you get screen with all rooms occupancy overview. We introduced also detailed information displayed inside occupancy boxes – so you can see what is happening inside occupied term. This info display is optimized, according to occupancy length. Here is the example:

Wise Timetable Release notes

Room View

Mon Tue Wed Thu Fri Sat Sun

07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00

A-001 (30) 21% Theor (1.0h) Local BAKE (2.0h)

A-002 (30) 37% Witte (1.0h) Intelle REYN (2.0h) Witte (1.0h)

A-003 (30) 37% Innov GREE (2.0h) Total I SMIT (2.0h) Witte (1.0h) Witte (1.0h) IBE P QUIN (2.0h)

A-004 (60) 45% Italian SCHN (2.0h) Mana CRAA (2.0h) Innov HOFE (2.0h) Total I GILBI (2.0h)

A-005 (30) 51% Advai MURF (2.0h) Advai MURF (2.0h) Advai MURF (2.0h) Advai MURF (2.0h) Advai MURF (2.0h)

A-006 (30) 71% Total I SMIT (2.0h) Doing STEIN (2.0h) Intelle REYN (2.0h) Intern TURN (2.0h)

A-007 (90) 62% Comp DAVI (2.0h) Total I GILBI (2.0h) Germ WOO (2.0h)

A-008 (30) 58% Enter GILBI (2.0h) Techn WEBB (2.0h) Appli COLV (2.0h) Operi DAVI (2.0h) Innov GREE (2.0h)

A-009 (40) 43% Theor (1.0h) Witte (1.0h) Psych WILLI (2.0h)

B-001 (30) 63% Psych WILLI (2.0h) Intelle ALTM (2.0h) Techn WEBB (2.0h) Mana CRAA (2.0h) Local BAKE (2.0h)

B-002 (30) 62% Appli TURN (2.0h) Intern TURN (2.0h) Local BAKE (2.0h) Intelle REYN (2.0h) Psych WILLI (2.0h)

B-003 (30) 75% Intelle ALTM (2.0h) Operi DAVI (2.0h) Operi STEIN (2.0h) Operi STEIN (2.0h) E-Bus ROCH (2.0h)

B-004 (90) 62% Techn SULL (2.0h) Advai PHILL (2.0h) E-Bus JOHN (2.0h) Psych COLV (2.0h) Intern MURF (2.0h)

B-005 (30) 58% E-Bus MILE (2.0h) Italian SULL (2.0h) Italian CRAA (2.0h) Techn WEBB (2.0h) Germ WOO (2.0h)

B-006 (30) 63% E-Bus JOHN (2.0h) Appli COLV (2.0h) Psych WILLI (2.0h) Local BAKE (2.0h)

B-007 (90) 56% Intern COLV (2.0h) E-Bus JOHN (2.0h) Total I GILBI (2.0h) Mana EVAN (2.0h) Enter WEBB (2.0h)

B-008 (120) 53% Operi STEIN (2.0h) Mana EVAN (2.0h) Advai PHILL (2.0h)

B-009 (30) 58% Germ WOO (2.0h) Germ WOO (2.0h) Italian SULL (2.0h) Germ WOO (2.0h) Italian CRAA (2.0h)

Room 1 (30) 57% Mana CRAA (2.0h) Intern WOLF (2.0h) Intern TURN (2.0h) Total I SMIT (2.0h)

Room 2 (30) 66% Organ PHILL (2.0h) Comp MCCL (2.0h) Operi DAVI (2.0h) E-Bus JOHN (2.0h)

From To

6.4 - 12.4 (28) 6.4 - 12.4 (28)

Timetable Overlays Full Time Groups - Web Postgraduate Reserved - Other

Close

9.2. Detailed info at lecturer overview

Similarly to room overview, we've put detailed info about courses also for lecturers. The content of information is optimized according to length of particular lecture. It looks like this:

Lecturer View

Mon Tue Wed Thu Fri Sat Sun

07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00

ALTMAN ANDREW Intellec A-008 (2.0h) Intellec A-003 (2.0h) Intellec Room (2.0h) Intellec B-006 (2.0h)

BAKER COLIN Making A-007 (2.0h) Making B-004 (2.0h) Local EA-004 (2.0h) Local EB-008 (2.0h)

COHEN GEORGE

COLE DAVID

COLWELL RITA Interna A-007 (2.0h) French B-004 (2.0h) French A-004 (2.0h) Manag B-007 (2.0h) Appli Room (2.0h)

CRAM MADONNA Italian - B-005 (2.0h) Interna (1.0h) Manag A-007 (2.0h)

DAVIS ANGELA Compe B-004 (2.0h) Operat B-001 (2.0h) Operat Room (2.0h) Operat B-006 (2.0h) Operat A-006 (2.0h)

EVANS LOUIS

FISHER RICHARD Market A-002 (2.0h) Witten B-008 (2.0h) Witten B-004 (2.0h)

GILBERT JAMES Enterpr B-002 (2.0h) Enterpr A-002 (2.0h) Enterpr A-001 (2.0h) Enterpr A-003 (2.0h) Enterpr A-002 (2.0h)

GOODMAN AMANDA Making B-001 (2.0h) Compe B-007 (2.0h) Appli B-001 (2.0h) Making Room (2.0h) Making B-002 (2.0h)

GREENWOOD GAREY Theorie B-008 (2.0h) Theorie (1.0h) Theorie (1.0h) Theorie B-007 (2.0h)

HANFORD RALPH

HOFER NICHOLAS Innova B-008 (2.0h)

JOHNSON PETER System B-003 (2.0h)

MCCLUSKY JAMES

MILES STEVE E-Busir B-006 (2.0h) E-Busir A-008 (2.0h) Compe B-006 (2.0h) E-Busir A-008 (2.0h) Compe Room (2.0h)

MURRAY BEN Advani A-005 (2.0h) Advani A-005 (2.0h) Advani A-005 (2.0h)

PHILLIPS STANLEY Organio Room (2.0h) Organio A-001 (2.0h) Organio B-008 (2.0h) Organio A-001 (2.0h) Organio A-007 (2.0h)

QUINN LIZZY

REYNOLDS PAUL Intellec A-003 (2.0h) Intellec A-002 (2.0h) Intellec A-002 (2.0h) Intellec A-003 (2.0h)

ROCKWELL BERNARD E-Busir A-005 (2.0h)

ROSS JANET

SCHMIDT JAIME Italian - B-007 (2.0h)

SMITH ROXIE

SPENCER JOHN

STEIN BARBARA Doing IA-006 (2.0h) Doing IA-006 (2.0h) Operat A-006 (2.0h) Doing IB-003 (2.0h)

From To

6.4 - 12.4 (28) 6.4 - 12.4 (28)

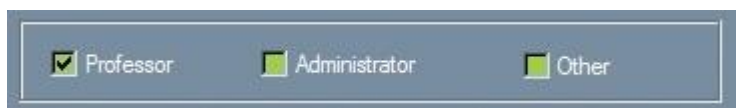
Timetable Overlays Blocked Preferred

Close

10. Define a role for professors

It is now also possible to attribute a title or role to lecturer: Administrator, Tutor, Professor or Other and it is mostly used for making web (online).

This leads to easier control of who can make web reservations of a particular room. Here's how it looks in Room's Specifications where you can simply decide who can do reservations based on the previous giving of "roles" to lecturers in Lecturer's Specifications, which are displayed bellow:



11. Warn when professor reach certain number of weekly hours

Here you can set how many hours are "allowed" for professors. Therefore, if you set to 40, if later more activities and more hours than 40 are dedicated to any professor, the software will warn you about that. The option is located in the Generation part of Miscellaneous in Settings, as you can check in the following window:

Wise Timetable Release notes

Miscellaneous

View | Export | **Generation** | General

Primary Hours
From: 08:00 To: 16:00

Secondary Hours
From: 08:00 To: 18:00

Warn after professor reach weekly (hrs):
40

Warning for group's hours, level 1:
15

Warning for group's hours, level 2:
30

Maximum Hours Per Day
Lecturers: 10 Groups: 10

Select Location To Suite
Program

Maximum Travels Per Day
Lecturers: 0 Groups: 0

Num. Of Iterations: 1
Num. Of Iterations (Lecturers): 32
Num. Of Iterations (Groups): 32

☐ Mandatory break for students
Break after block (hrs): 4

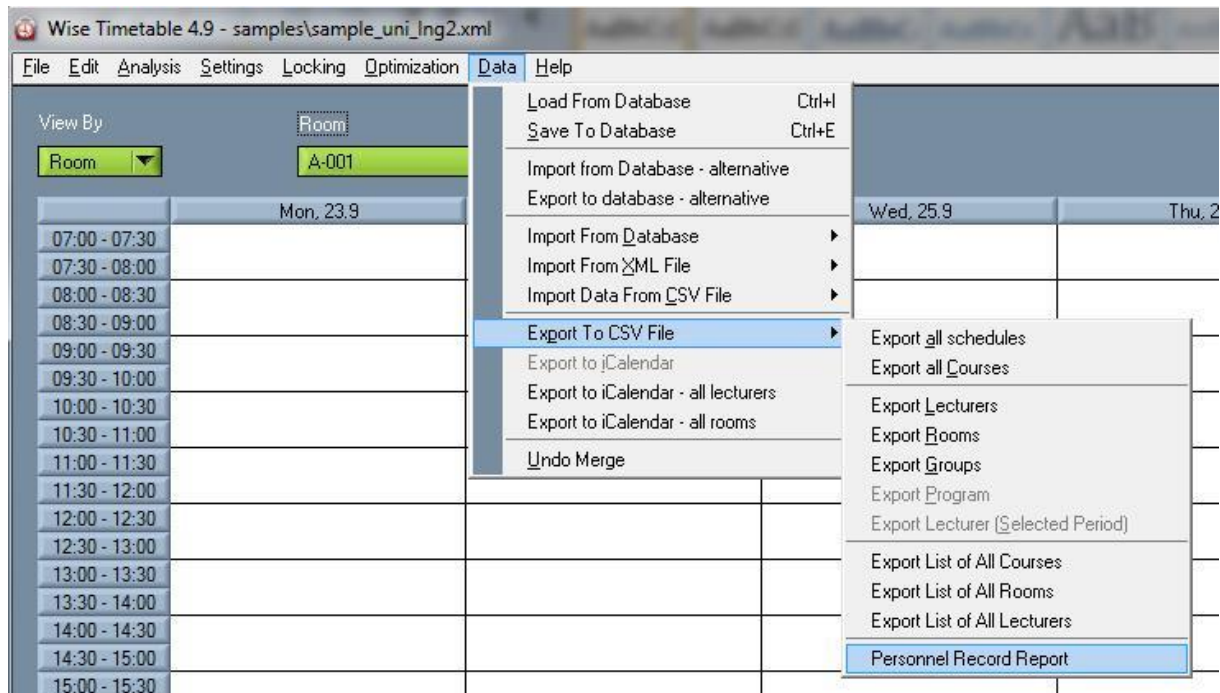
☐ Generate also first weekend day
☐ Generate also second weekend day
☒ Allow Empty Day For Lecturers
☒ Allow M+N Lectures In Neighboring Days
☐ Anchors with hour relations are on same day

Default Confirm Cancel

12. Personal record

Option is listed in the menu in Data → Export to CSV file → Personal Record Report as the last option which is shown in this picture:

Wise Timetable Release notes



Personnel Record Report is very helpful option and helps us to calculate all of working hours of different lecturers so we can have records of how much a particular lecturer worked in a period of selected time. Working hours are divided according to programs and subject areas. This option is selectable in the following window:



13. Two levels of warning regarding groups occupancy

Now it is possible to make two levels of warning for groups when you putting them in course screen – regarding maximum allowed occupancy of groups per week. The warning will pop out when too many hours for the group are planned. The reason for having two levels of warnings is that some groups need warning before and some after certain hours. It is possible to have both warnings checked.

Wise Timetable Release notes

To set this option open Edit in the main menu and select Groups and in that window open Edit.

The screenshot shows the 'Group Occupancy - BAM1-6' window. On the left, there are configuration options: 'City' (set to '(None)'), 'Web Pages Code' (empty), 'Custom hours/day' (set to 10), and 'Ignore mandatory break' (checked). Below these are checkboxes for 'Warning hrs/week, level 1' and 'Warning hrs/week, level 2', both of which are checked. A green callout bubble points to these checkboxes with the text: 'Two levels of warning regarding maximum allowed occupancy of groups per week.' At the bottom left, there are checkboxes for 'Copy to all groups in branch', 'Copy to all groups in program', 'Copy to all groups in year', and 'Copy to ALL other groups'. The main area is a timetable grid with columns for days of the week (Mon-Sun) and rows for time slots (07:00-07:30 to 21:30-22:00). The grid shows occupancy levels with blue shading. At the bottom, there is a status bar showing '29.9 - 5.10 (1)' and 'Confirm' and 'Cancel' buttons.

To define warning levels open 'Settings' and choose 'Miscellaneous'. In the boxes write maximum allowed groups occupancy for each level.

Wise Timetable Release notes

Miscellaneous

View | Export | **Generation** | General

Primary Hours
From: 08:00 To: 16:00

Secondary Hours
From: 08:00 To: 19:00

Num. Of Iterations: 1
Num. Of Iterations (Lecturers): 32
Num. Of Iterations (Groups): 32

☐ Mandatory break for students
Break after block (hrs): 4

Warn after professor reach weekly (hrs): 40

Warning for group's hours, level 1: 15

Warning for group's hours, level 2: 30

Maximum Hours Per Day
Lecturers: 10 Groups: 10

Select Location To Suite
Program

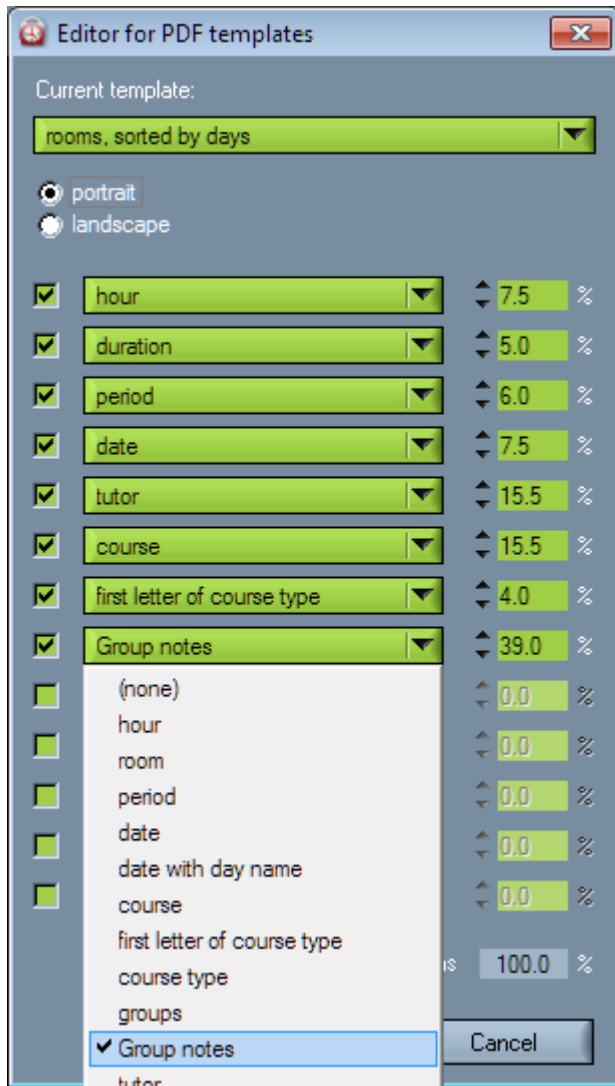
Maximum Travels Per Day
Lecturers: 0 Groups: 0

☐ Generate also first weekend day
☐ Generate also second weekend day
☒ Allow Empty Day For Lecturers
☒ Allow M+N Lectures In Neighboring Days

Default Confirm Cancel

14. Group note at PDF template editing

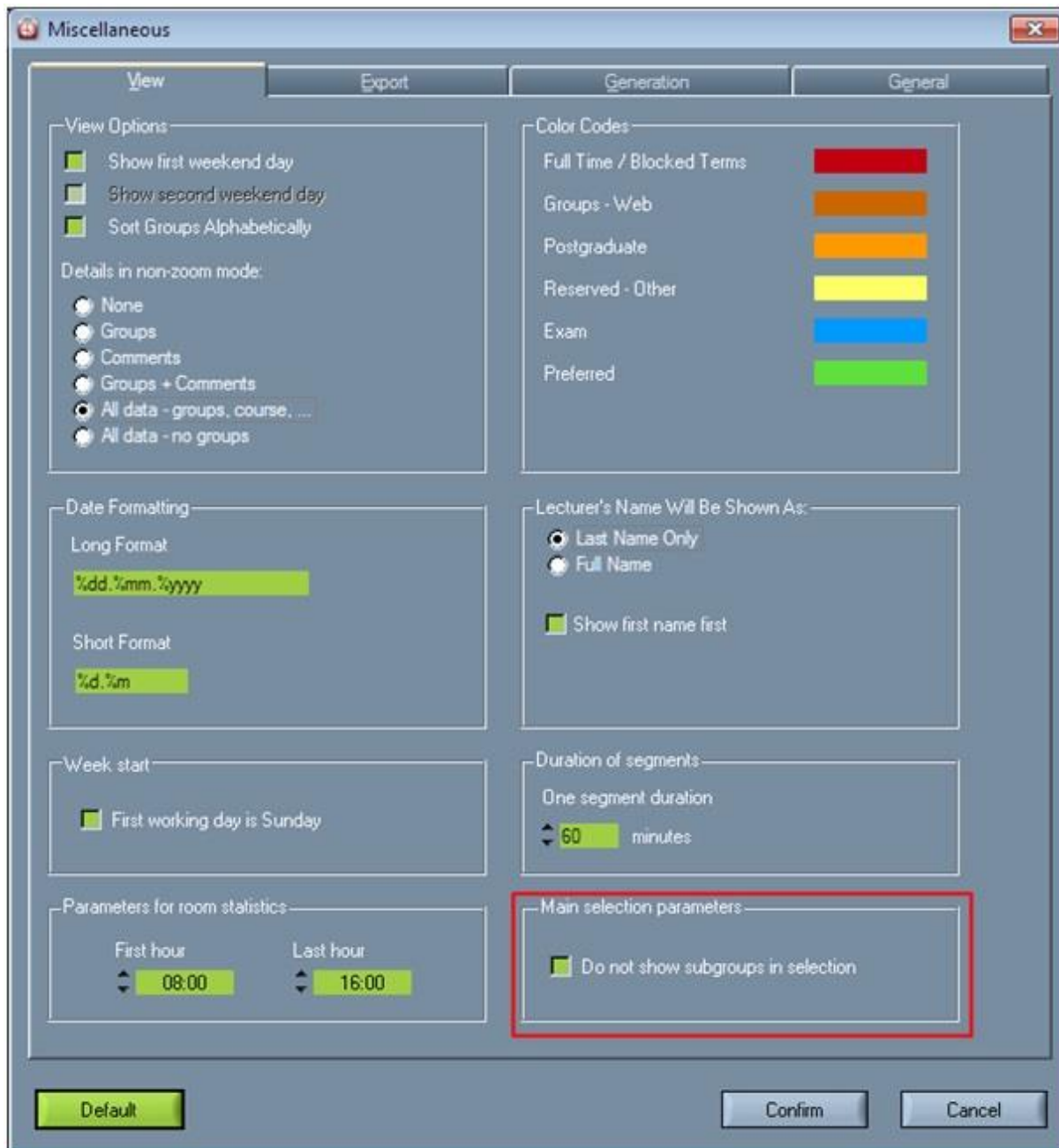
Sometimes group notes needs to be displayed on reports too (group notes are sometimes represented by student names – when each student is actually one group). This option is added at PDF template editing:



15. Hiding sub-groups in selection

In case you have many groups and even more subgroups, where subgroups are not of particular interest for displaying (because it is hard to find particular group in very long list), you can hide subgroups. To do this check the checkbox at “Main selection parameters” sections.

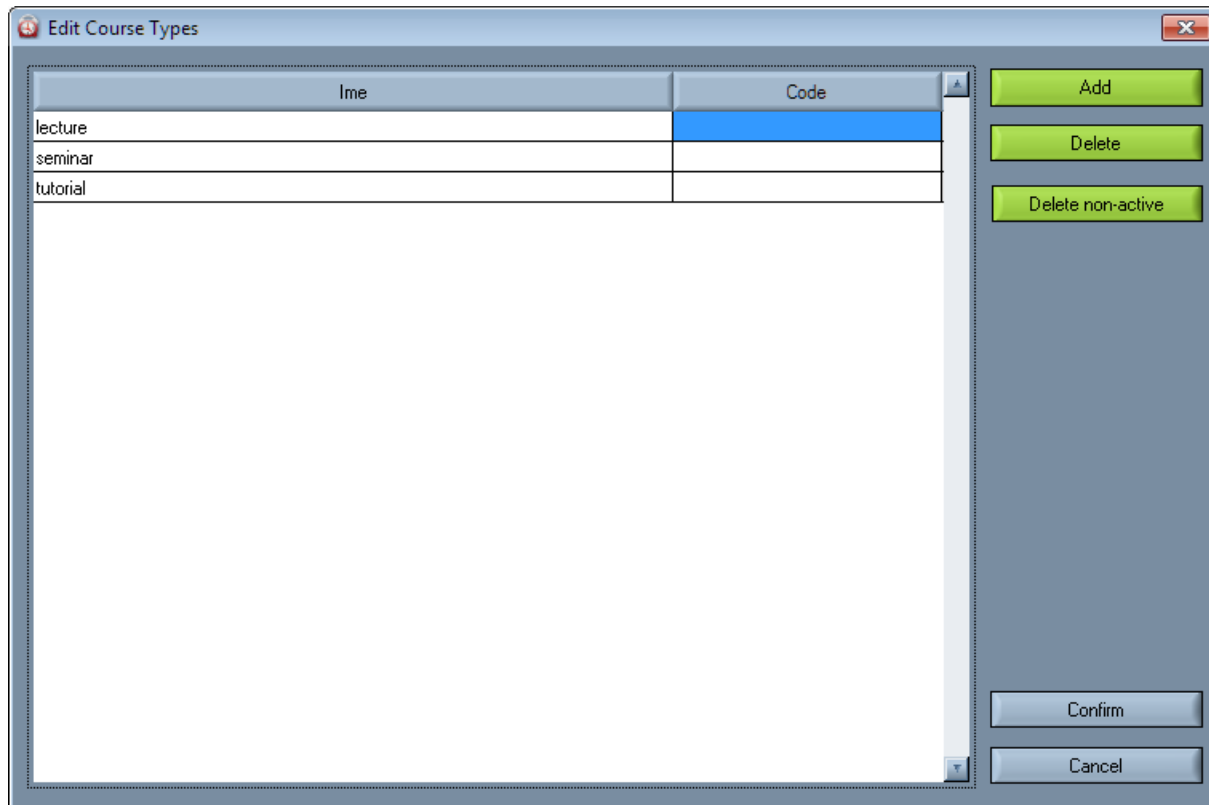
Wise Timetable Release notes



16. Course type code

At Course type screen (Settings → Course types) now you can also enter course codes – these codes are used at various imports – in order to make course type strings shorter or to allow two-way identifications – by name or by code.

Wise Timetable Release notes



17. Generate until hours

This option gives us much more flexibility for generating – when we actually have only a total number of hours and desired weekly distribution but it is not important that every week is having the same distribution. Only important is that software is putting the hours through the weeks (trying to fulfill the desired distribution specified in Duration e.g. 2+2+2) all the weeks but stops when this total number of hours is reached. Option is set separately for each selected turn.

Wise Timetable Release notes

The screenshot shows the 'Course' configuration window in the Wise Timetable software. The window is divided into several sections for configuring a course. The 'Course Name' section has 'Aspects of Business Law' entered. The 'Areas' section shows a list of areas with '2 Business and Management' selected. The 'Course Style' section has 'Periodical' selected. The 'Prerequisites' section has 'computers' and 'phono equipment' listed. The 'Course Type' section has 'Lecture', 'seminar', and 'tutorial' checked. The 'Lecturers' section shows 'YORKE' as the lecturer. The 'Turns' section shows '3' turns. The 'Duration' section shows '30.0' duration. The 'Groups' section shows 'BAM2-2, BAM2-3, BRC1-1, BAM2-4, BAM2-5, BAM2-6, B'. The 'Room' section is empty. The 'Sequential' section has 'Sequential' checked. The 'In different days' section has 'In different days' checked. The 'Generate only this course' section has 'Generate only this course' checked. The 'Do not publish' section has 'Do not publish' checked. The 'Do not generate this course' section has 'Do not generate this course' checked. The 'Optimization Timeframe' section has 'Any Time' selected. The 'Schedule' button is visible. The 'Optional settings for final exams - Course Parts' section has 'Need final exam' checked. The 'Optional settings for final exams - Whole Course' section has 'Need final exam' checked. The 'Exam supervisor' is 'YORKE ROBERT'. The 'Generate until hours # (optional)' field is highlighted with a red box and contains the value '0'. The 'Anchor relations' section is empty. The 'Duration Details' section has 'Duration (x 60 min)' set to '2'. The 'All Turns' section has 'All Turns' set to '3'. The 'Unallocated' section has 'Unallocated' set to '0'. The 'Force free day after' section has 'Force free day after' checked. The 'Skip Pauses' section has 'Skip Pauses' checked. The 'Make always visible' section has 'Make always visible' checked. The 'Show duration per week' section has 'Show duration per week' checked. The 'Show whole duration' section has 'Show whole duration' checked. The 'Confirm' and 'Cancel' buttons are at the bottom right.

If you leave this option at number »0« it is ignored. If you put here number of hours, it will generate the course part (turn) so many weeks until this number is reached. Course parts (turns) with this option turned-on are also handled correctly but Analysis → Find unallocated courses and by other modules – so even if some weeks are not distributed fully – it is important that total number of hours is reached and because of that the course (part) is colored with yellow color in that case.

18. Anchor relations

You can find this option at Edit → Courses → Course screen. Option gives unprecedented flexibility in specifying time position relations between various. When anchors are set once they cannot be moved and if you have a lot of locked schedules, they can be on the way to courses with anchors relations.

Wise Timetable Release notes

The screenshot shows the 'Course' configuration window in the Wise Timetable software. The window is divided into several sections:

- Course Name:** 'Aspects of Business Law'. Below it is a field for 'Name translation (optional)' and a 'Code' field.
- Areas:** A list box containing '2. Business and Management', '2. Business Computing and IT', and '1. Business Research and Consultancy'. An 'Edit' button is next to it.
- Course Style:** Radio buttons for 'Periodical' and 'Modular'.
- Prerequisites:** A list box containing 'computers' and 'phono equipment'.
- Course Type:** A list box with 'Lecture', 'seminar', and 'tutorial'. 'Lecture' and 'tutorial' are checked.
- Table:** A table with columns: Lecturers, Turns, Duration, Groups, and Room. The first row shows 'YORKE', '3', '30.0', 'BAM2-2, BAM2-3, BRC1-1, BAM2-4, BAM2-5, BAM2-6, B...', and an empty room.
- Bottom Section:** Contains various settings including 'Sequential', 'In different days', 'Generate only this course', 'Do not publish', 'Do not generate this course', 'Optimization Timeframe' (set to 'Any Time'), 'Schedule' button, 'Lecturers' (Add/Delete buttons), 'From' and 'To' time ranges, 'Start hour', 'Duration (x 60 min)' (set to 2), 'All Turns' (3), 'Unallocated' (0), 'Duration Details', 'Anchor relations' (highlighted with a red box), 'Generate until hours # (optional)' (0), 'Show duration per week', 'Show whole duration', 'Confirm', and 'Cancel' buttons.

There can be one or more anchor relations defined for one turn. Anchor relations are specified by »« between them. Every anchor relation is having the following format: ANCHOR+N(d/h), but the format can be like this too: ANCHOR; ANCHOR here is a number, representing “virtual reference” to a course part (turn). Every anchor must have definition at some turn at least once.

Let's see an example: 1+2d → the anchor relation tell us the following: we are going to generate this part at least 2 days after course part referenced by number 1.

We can put at more course parts the same anchor without any relations – for example set anchor at Mathematics: 45 and anchor at Physics – Math part: 45. As you can see there is no »+« or »-« sign at this anchor which means that this is reference or “base” anchor. In our example both courses will be generated at the same hour and day – thus making intentionally overlapping, if you like so. Base anchors are first tried to be set somewhere in the middle of the week and middle of the day because there is the best probability that anchor relations will work.

But if we put at Physics – Math part the following relation; 45-3h that means that Physics – Math part will be generated at least three hours before Mathematics.

Wise Timetable Release notes

Note that we can combine anchor relations and generate certain part before some parts and after some parts, etc. there are endless options for these anchors – making generating exactly as we want it to be.

If you want that anchors with hour relations are on the same day go to Miscellaneous → Generation and check ‘Anchors with hour relation are on same day’.

19. Generate only this course

Another new automatic option is Generate only this course - in the next generating only this course will be generated and after generating this option will be unchecked.

The screenshot shows the 'Course' dialog box with the following details:

- Course Name:** Aspects of Business Law
- Areas:** 2. Business and Management, 2. Business Computing and IT, 1. Business Research and Consultancy
- Stud. Num:** 240
- Course Style:** Periodical
- Prerequisites:** computers, phono equipment
- Course Type:** ☒ lecture, ☒ seminar, ☒ tutorial
- Generate only this course:** ☒ (highlighted with a red box)
- Optimization Timeframe:** Any Time
- Optional settings for final exams - Course Parts:** ☒ Need final exam, ☒ Course part is major, Exam supervisor: YORKE ROBERT
- Optional settings for final exams - Whole Course:** ☒ Need final exam, ☒ Course is major, Exam supervisor: YORKE ROBERT
- Generate until hours # (optional):** 0
- Anchor relations:** (empty)
- Generate until hours # (optional):** 0
- Show duration per week:** ☒ Show duration per week, ☐ Show whole duration
- Confirm** and **Cancel** buttons.

| Lecturers | Turns | Duration | Groups | Room |
|-----------|-------|----------|--|------|
| YORKE | 3 | 2 | BAM2-2, BAM2-3, BRC1-1, BAM2-4, BAM2-5, BAM2-6, B... | |

Also, if you set in the Miscellaneous (Settings) that Saturdays and Sundays are not generated, this course will be unable to generate on those days - as it is seen in the next picture. This option overrides the settings you make on check boxes for selecting days.

Wise Timetable Release notes

Miscellaneous

View Export **Generation** General

Primary Hours
From 08:00 To 16:00

Secondary Hours
From 08:00 To 18:00

Warn after professor reach weekly (hrs):
40

Warning for group's hours, level 1:
15

Warning for group's hours, level 2:
30

Maximum Hours Per Day
Lecturers 10 Groups 10

Select Location To Suite
Program

Maximum Travels Per Day
Lecturers 0 Groups 0

Num. Of Iterations 1
Num. Of Iterations (Lecturers) 32
Num. Of Iterations (Groups) 32

☐ Mandatory break for students
Break after block (hrs): 4

☒ Generate also first weekend day
☒ Generate also second weekend day
☒ Allow Empty Day For Lecturers
☒ Allow M+N Lectures In Neighboring Days
☐ Anchors with hour relations are on same day

Default Confirm Cancel

20. Force free day after

This useful new option called Force free day after - is used if a course whose lectures or other activity is scheduled for today and the next day is needed to be free of that course (free day after) if for example students have difficult homework so they need more time to do it, or professor is unable to come day after because he has lectures of that course in some other location that next day, etc.

Wise Timetable Release notes

Course

Course Name: Aspects of Business Law
Name translation (optional):
Code:
☐ Selectable

Course Type:
☒ Lecture
☒ Seminar
☒ Tutorial

Areas:
2. Business and Management
2. Business Computing and IT
1. Business Research and Consultancy

Stud. Num: 240 **Edit**

Course Style:
☐ Periodical
☒ Modular

Prerequisites:
☐ computers
☐ phone equipment

| Lecturers | Turns | Duration | Groups | Room |
|-----------|-------|----------|---|------|
| YORKE | 3 | 2 | BAM2-2, BAM2-3, BRC1-1, BAM2-4, BAM2-5, BAM2-6, B | |

☐ Sequential
☐ In different days
☐ Generate only this course
☐ Do not publish
☐ Do not generate this course

Optimization Timeframe: Any Time **> Schedule**

Lectors **Add** **Delete**

From: 29.9 - 5.10 (1) To: 5.1 - 11.1 (15)
Start hour: (None) ☐ After this hour ☐ Before this hour

Duration (x 60 min): 2 **Duration Details**

All Turns: 3 Unallocated: 0

☒ Force free day after
☐ Skip Pauses
☒ Make always visible

Anchor relations:

Generate until hours #: (optional) 0
☒ Show duration per week
☐ Show whole duration

Optional settings for final exams - Course Parts:
☒ Need final exam ☒ Course part is major Exam supervisor: YORKE ROBERT

Optional settings for final exams - Whole Course:
☐ Need final exam ☐ Course is major Exam supervisor: YORKE ROBERT

☐ Not Yet Inserted To Schedule ☒ Inserted To Schedule

Confirm **Cancel**

21. Filter not allocated courses

To see not allocated course open 'Analysis' in the main menu and select 'Unallocated Turns'. When showing not allocated courses there might be a lot of courses which are not even intended to be allocated yet, and to filter-out those courses check 'Show courses without complete definition' box.

Not Allocated

| Course Part | All Hrs. | Allocated Hrs. | Incomplete Weeks (Hrs. Per Week) |
|---|----------|----------------|----------------------------------|
| Enterprise Resource Planning, tutorial, GILBERT (30 students) | 32 | 0 | 21 - 36 (2) |
| Organisational Context of Management Accounting, tutorial, PHILLIPS (30 students) | 32 | 0 | 21 - 36 (2) |
| Local Economic Development and Planning, tutorial, BAKER (30 students) | 32 | 0 | 21 - 36 (2) |

☒ Show courses without complete definition

Unallocated: 3

Insert **Close**

22. Handling of modular courses

To set course as modular open Edit → Courses and open wished course with double click. In the top right corner of the screen, in 'Course Style' part, you can see radio buttons Periodic/Modular.

The screenshot shows the 'Course' dialog box with the following details:

- Course Name:** 2. Accounting for Management
- Stud. Num:** 90
- Duration:** 2
- Course Style:** Periodic (selected), Modular (unselected)
- Prerequisites:** computers, phono equipment
- Course Type:** Lecture, seminar, tutorial (all checked)
- Optional settings for final exams - Course Parts:** Need final exam, Course part is major (both checked)
- Optional settings for final exams - Whole Course:** Need final exam, Course is major (both checked)
- Optimization Timeframe:** Any Time
- Schedule button:** > Schedule

Things that distinguish modular and periodic courses are:

- Modular courses are never generated; they are reserved for manual inserting;
- For modular courses we do not enter weekly duration field (because it is not periodic – it is modular- not repeating). We enter only total number of hours over the period of weeks defined on screen shown above;
- By not entering weekly hours but only total number of hours you are given freedom to distribute these hours more freely across the defined period;
- When press on »>Schedule« button, you can distribute these total hours among the weeks, and you'll get this screen:

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The screenshot shows the 'Occupancy' software interface. It features a list of lecturers on the left, a list of groups in the middle, and a room selection list on the bottom left. A legend on the right explains the reservation codes: Not Reserved (white), Full Time (red), Groups - Web (orange), Postgraduate (yellow), Reserved - Other (light blue), and Exam (dark blue). The main area is a timetable grid with columns for days of the week (Mon-Sun) and rows for time slots (07:00-07:30 to 21:30-22:00). The grid shows various reservation codes like RA, LA, GA, RB, LB, and GB. A 'Period' section at the bottom left shows 'From 23.2-1.3 (22)' and 'To 23.2-1.3 (22)' with a duration of 4 hours. A 'Close' button is at the bottom right.

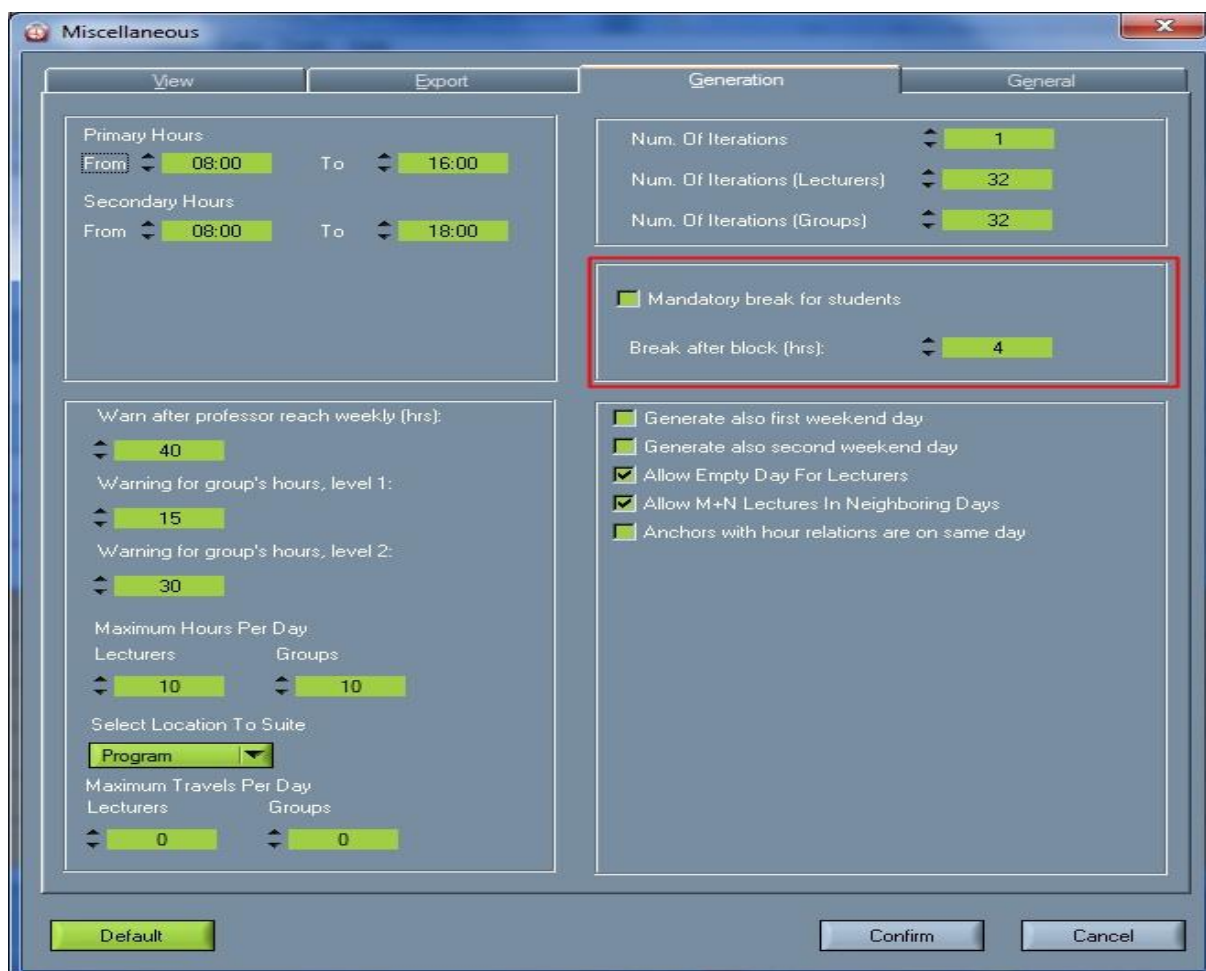
You will notice that (unlike for Periodic courses), there is additional field »Hours«, with default of 4 hours: this means when you insert this course hours into calendar, only 4 hours will be inserted. For Modular courses only one week is displayed at once (by default first of defined weeks) and whatever weeks you choose there, the inserted hours will be valid always for one week – defined in »From« field.

So you can change »Hours« field to any number of hours and all course terms will be fulfilled (and course on previous screen will be colored yellow) when sum of all inserted hours is equal to »Total« hours you entered for Modular course. Of course, you can insert these hours for Modular courses also from the Main screen (right click on empty slot and pick »New« from the context menu).

With this method, we can distribute hours freely throughout the defined weekly period.

23. Mandatory breaks for students

This is the option for setting automatic breaks for students differently from that well known way to set blocks in every room at the same time, every working day in a week. For example, if a lot of students are attending a university, than it would be very crowded if all students had a break at the same time. Therefore, this option is very helpful because it sets automatic breaks for all groups but only after they attended 4 hours block of activities at university. Therefore, the space will not be crowded, and every group will have a deserved break of 1 hour after 4 (or other number of hours that can be set here) of activities are finished. These breaks for each group will be presented in a schedule as empty fields. This option is located in a Generation part of Miscellaneous, as it can be seen on the following picture:



Also, it is important to note that there is a setting in every group's specifications (Edit → Groups → certain group), there is a checkbox to Ignore mandatory breaks for a certain group for special reasons. For example it could happen if a group doesn't need a break after 4 hours, or if there is a special guest

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professor that will be there only one day, so students have no breaks at all, etc. There is also set how many hours are needed to pass for that single group to have a mandatory break. Here it is how it looks in a one group's specification:

The screenshot shows the 'Group Occupancy - BAM1-6' window. On the left, there are configuration options: 'City' (None), 'Web Pages Code' (empty), 'Custom hours/day' (10), and a checked 'Ignore mandatory break' option. Below these are checkboxes for 'Warning hrs/week, level 1' and 'Warning hrs/week, level 2', and a 'Notification for web pages' text area. At the bottom left are checkboxes for 'Copy to all groups in branch', 'Copy to all groups in program', 'Copy to all groups in year', and 'Copy to ALL other groups'. The main area is a timetable grid with columns for days of the week (Mon-Sun) and rows for time slots from 07:00 to 22:00. Some cells are shaded blue, indicating occupancy. At the bottom, there is a status bar showing '29.9 - 5.10 (1)' and 'Confirm'/'Cancel' buttons.

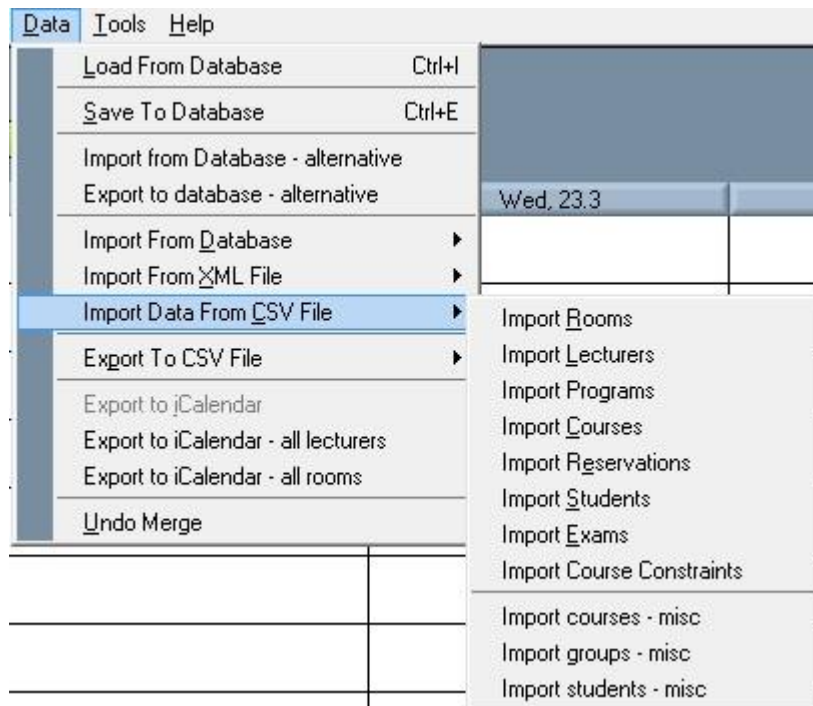
24. Import data from CSV file

Besides rooms, lecturers, courses and students import from CSV file, now you can import reservation, exams, course constraints, courses – misc, groups – misc and student misc.

You can see examples of all data import from CSV at www.wisetimetable.com → Usage → Data Entry.

To import data from CSV file go to Data → Import Data From CSV File and select data which you want to import.

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24.1. Import reservations

When importing reservations the following data is imported:

- Date (mandatory, must be in date format defined Settings → Miscellaneous → View, e.g. 25.3),
- Duration parameters in following format: first hour:first minutes - second hour:second minutes, e.g. 08:30-10:00. Note that, in order that this import is successful, your time labels (set in Settings → Time labels) must conform to this format in order to find appropriate hours,
- Room name (mandatory)

Data example:

| Date | Duration parameters | Room name |
|------|---------------------|-----------|
| 13.4 | 10:00-12:00 | R 1 |
| 14.4 | 10:00-12:00 | R 3 |

Example of one CSV line:

date;durationParameters;roomName

13.4;10.00-12:00;R1

24.2. Import exams

When importing exams the following data is imported:

- Date (mandatory, must be in date format defined Settings → Miscellaneous → View, e.g. 25.3),
- Start hour in format HH:MM (mandatory),
- End hour in format HH:MM (mandatory) - Note that, in order that this import is successful, your time labels (set in Settings → Time labels) must conform to this format in order to find appropriate hours.
- Course name (mandatory),
- Room name (mandatory),
- Professor 1 name (mandatory),
- Professor 2 name (mandatory, can be empty),
- Professor 3 name (mandatory, can be empty),
- Professor 4 name (mandatory, can be empty),

This import will make room reservations with comments including course and professor's name.

Data example:

| Date | Start hour | End hour | Course name | Room name | Professor 1 name | Professor 2 name | Professor 3 name | Professor 4 name |
|------|------------|----------|----------------------|-----------|------------------|------------------|------------------|------------------|
| 25.4 | 10:00 | 12:00 | Databases | R 1 | Tom Rogers | | | |
| 25.4 | 13:00 | 15:30 | Financial Accounting | R 4 | Exam | Margaret Wood | | |
| 26.4 | 11:30 | 14:00 | Innovation | R 2 | Midterm Exam | Stan Philips | | |

Example of one CSV line:

date;startHour;endHour;courseName;roomName;professor1name;professor2name;professor3name;professor4name

25.4;10:00;12:00;Databases;R1;TomRogers;;;;

24.3. Import Course Constraints

This import is modified so you can import two different kinds of data.

1. The following data is imported:

- course code or course name (mandatory),
- generate for sixth day of the week (mandatory, e.g. Saturday, can be 0 or 1),
- start hour (mandatory: if you put -2 into this value, start hour and following parameters will be ignored, otherwise this corresponds to time label sequence number),
- after hour (mandatory, can be 0, -1, 1. 0=start hour is exact hour of course start, -1=course will start before start hour, 1=course will start after start hour).

2. The following data is imported:

- course code or course name (mandatory),
- advanced timing (can be 0 or 1). Advanced timing is explained in **Edit Fields** section.

Data for one course constraint are written in one row. Example of one CSV line:

1. courseName;generateForSixthdayoftheWeek;startHour;afterHour
Innovation;0;-2;0

2. courseName;advancedTiming
Innovation;0,1,1:5-15,1,0,1:11-14,0 or Innovation;0,1,1,1,0,0,0

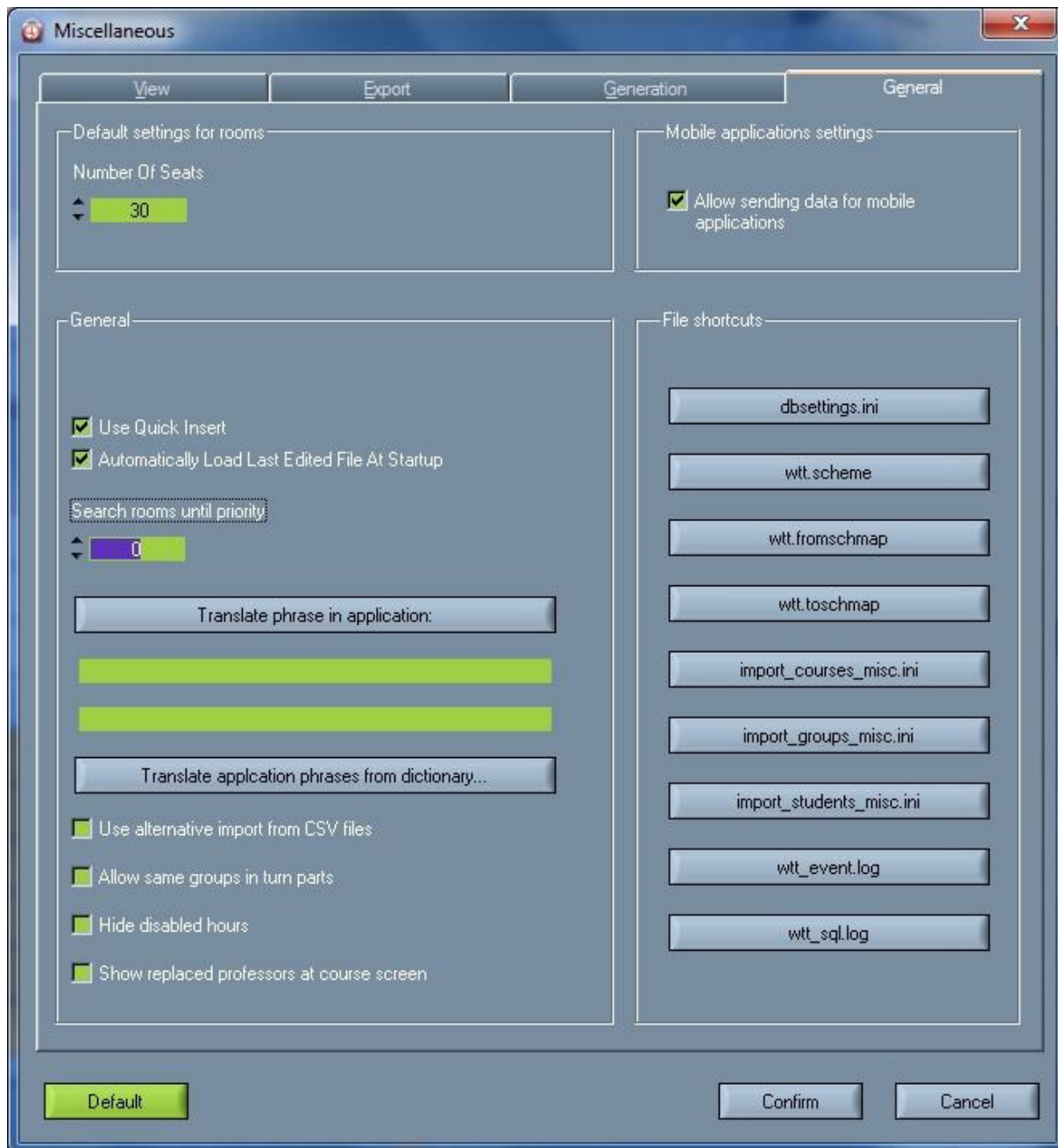
Note: In one import you can use both kinds of data.

Innovation;0;-2;0

24.4. Import courses - misc

This is comprehensive and very intelligent import which has certain flexibility, regarding input file format. Settings for this import (similarly to other two miscellaneous imports – for groups and for students) can be popped-out by clicking on file name *import_courses_misc.ini* at Settings → Miscellaneous → General screen:

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This file contains description, where are the various fields inside the import file. So with filling-in this ini file, we can say that course name is in column 5 of the import file or any other. This will give us great flexibility, regarding the import. We can even set delimiters of the input file, set course constraints, etc.

This import is completely aware of the existing state in timetable – only entities which are not found (programs, branches, years, courses, constraints ...) are created. There is no worries if the same or modified file is imported more times into same timetable.

Ini (Settings) file for the import looks like this (telling us at which columns is information):

```
// Menu->Import from CSV->Import courses misc: configuration,
```

```
// is comment line, USE ANSI ENCODING PLEASE
```

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17; NUMBER OF COLUMNS

,; DELIMITER BETWEEN LINE COLUMNS

-; PLACEHOLDER FOR EMPTY OR NON-RELEVANT COLUMNS

1; program name

2; year 1-9

3; first week 1-52

4; last week 1-52

5; fixed term in form: N:TIME LABEL, where N is number of work day in week (1-7), TIME LABEL must exists already!

6; course name

7; course type

8; first tutor last name

9; first tutor first name

10; second tutor last name (can be empty)

11; second tutor first name (can be empty)

12; third tutor last name (can be empty)

13; third tutor first name (can be empty)

14; duration in one week (duration string: e.g. 4, or 2+2) - will be applied for each week from first to last

15; preferred room name (can be empty)

16; number of students in one turn - if this is exceeded, new one will be automatically created

17; skip pauses (0 or 1) - assume there is no pauses between hours - use mapping from files

wtt.fromschmap and wtt.toschmap

There are descriptions inside the file about the rows. Imported file itself looks like this:

// first line – is ignored!

OTO,2,22,37,,Marketing,P+S,Tom,Brig,,,,,3,,125,1

OTO,2,22,37,,Marketing,V,Sting,Nina,,,,,2,L4,15,1

GMT,1,22,37,,Mathematics,P+S,White,Ann,,,,,4,,125,1

GMT,1,22,37,,Mathematics,V,Shon,Lowren,Weingerl,,,2,RU-2,15,1

PTO,1,22,37,, Mathematics,P,Byork,Barbara,,,,,2,,125,1

...

When importing courses – misc the following data is imported:

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- Program name (mandatory),
- Year (mandatory),
- First week (mandatory),
- Last week (mandatory),
- Course name (mandatory),
- Course type (mandatory),
- First tutor last name (mandatory),
- First tutor first name (mandatory),
- Second tutor last name (can be empty)
- Second tutor first name (can be empty)
- Third tutor last name (can be empty)
- Third tutor first name (can be empty)
- Duration in one week (mandatory),
- Preferred room name (can be empty)
- Number of students in one turn (optional),
- Skip pauses (0 or 1) (optional).

Data Example:

| Program name | Year | First week | Last week | Course name | Course type | 1 st tutor last name | 1 st tutor first name | 2 nd tutor last name | 2 nd tutor first name | 3 rd tutor last name | 3 rd tutor first name | Duration in the week | Preferred room | Number of students in | Skip pauses |
|---------------|------|------------|-----------|-------------|-------------|---------------------------------|----------------------------------|---------------------------------|----------------------------------|---------------------------------|----------------------------------|----------------------|----------------|-----------------------|-------------|
| Undergraduate | 1 | 1 | 21 | Databases | tutorial | McClusky | James | Meyers | Nicole | | | 2 | R 1 | 5 | 1 |

Find an example of a CSV file on www.wisetimetable.com (DATA IMPORT). Example of one CSV line:

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programname;year;firstweek;lastweek;coursename;coursetype;firsttutorlastname;firsttutorfirstname;secondtutorlastname;secondtutorfirstname;thirddtutorlastname;thirddtutorfirstname;durationintheweek;preferredroomname;numberofseats;skippauses

Undergraduate;1;1;21;Databases;tutorial;McClusky;James;Meyers;Nicole;;;2;R1;5;1

24.5. Import groups – misc

Similarly to courses, you can import groups in the same, very flexible way. Ini (Settings) file for the import is accessible from the Settings → Miscellaneous → General screen. Additionally to column positions, you are able to set certain ignore rules and dictionary.

Settings file looks like this:

// Menu->Import from CSV->Import students misc: configuration,

// is comment line, USE ANSI ENCODING PLEASE

6; number of all columns in one line

;; delimiter between the columns

-; placeholder for empty or non-relevant columns

1; group name - will become group containing number of students in next field

2; number of students in a group

3; program of the group (same as branch/subject area)

4; year number 1-9

5; course name

6; alternative course name

"Diploma","Statistics in macroeconomics"," Statistics in microeconomics " ; all the courses which will be ignored during the import

// next line is a small dictionary for program names - program name will be mapped into word in parenthees "short name". Use one or more lines

school program (level 1) Graphic communication,"GIK"

professional study program (level 1) Graphics and Media Technologies, "GMT"Courses dictionary:

Finishing graphic products, "finishing graphic products - graphic finishing"

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Graphic finishing, "finishing graphic products - graphic finishing"

Graphic investigation, "Graphic investigations - Investigations in the graphic"

Ignore list is in the line immediately after alternative course name line. Courses listed here are ignored when encountered in import file.

After ignore line, there is a dictionary you can use to map long names into short program names.

After this dictionary, there is mandatory line named »Courses dictionary:«, which announces the last part of settings file, which is courses dictionary – used for mapping of course names as shown in import file into real names existing in timetable.

Please use parentheses in the same way as it is in presented example.

Note that groups are distributed nicely across all the course parts – so there are equal number of groups for the professors having same course, etc...

Branches will be created with the same name as program name.

Example of actual import file is here:

// first line – is ignored!

Group1,24,GroupProgram,2,English,English Literature

Group2,16,GroupProgram,1,Math,Algebra

...

When importing groups – misc the following data is imported:

- Group name (mandatory),
- Number of students in s group (mandatory),
- Program of the group (mandatory),
- Year number (mandatory),
- Course name (mandatory),
- Alternative course name (optional).

Data example:

| Group name | Number of students in group | Program of the group | Year number | Course name | Alternative course name |
|------------|-----------------------------|----------------------|-------------|-------------|-------------------------|
| Group 1 | 10 | Undergraduate | 1 | Databases | |

Example of one CSV line:

groupName;numberOfStudentsInGroup;programOfTheGroup;yearNumber;courseName;alternativeCourseName;

Group1;10;Undergraduate;1;Databases;

24.6. Import students – misc

This import is intended for organizations wanting to map each student into separate group. Result of this import will be a number of groups having number of students 1. So each group is one student and group is named by student ID. With this (provided you have a lot of professors and rooms), you can have very individual timetables for each of your students.

Ini (settings) file for this comprehensive import is accessible in Settings->Miscellaneous->General – and is called import_students_misc.ini. It looks like this:

```
// Menu->Import from CSV->Import students misc: configuration,  
// is comment line, USE ANSI ENCODING PLEASE  
10; number of all columns in one line  
;; delimiter between the columns  
-; placeholder for empty or non-relevant columns  
66; Percentage of students over the top of current turnus in order to divide turnus into two parts  
1; student last name  
2; student first name  
3; student ID - will become group containing only one student - with this name  
4; program of the student (same as branch/subject area)  
5; year number 1-9  
8; course name  
9; alternative course name  
"Diploma", "Practical Lessons", "Practical Training" ; all the courses which will be ignored during the  
import  
// next line is a small dictionary for program names - program name will be mapped into word in  
parentheses "short name". Use one or more lines  
university study program (Level 1) Graphic and Interactive Communications, "GIK"  
professional study program (Level 1) Graphics and Media Technologies, "GMT"  
Courses dictionary:  
Finishing graphic products, "finishing graphic products - graphic finishing"  
Graphic finishing, "finishing graphic products - graphic finishing"  
Graphic investigation, "Graphic investigations - Investigations in the graphic"
```

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As you can see, everything can be set up – along with dictionaries. These dictionaries and ignore list is explained in section for group importing (misc way).

Actual import file example:

// First line is skipped!

Smith,Clara,32012098, professional study program (Level 1) Graphics and Media Technologies, "GMT",
Diploma BVS,Diploma,full year

Smith,Clara,32012098, professional study program (Level 1) Graphics and Media Technologies, "GMT",
Diploma BVS,Diploma,summer

...

Here some more intelligence is involved, when creating turn parts: we use a number which is set inside the ini (settings) file – which is actually percentage of students which must be over the defined top number for »group size« in order to split the group into two groups – in this case into two turns. With this method we avoid having full groups of students and then also groups with only one or two students. Group is splitted into two groups only when it reaches »Desired number « + »Desired number« x Percentage/100.

When importing students – misc the following data is imported:

- Student surname (mandatory),
- Student first name(mandatory),
- Student ID (mandatory),
- Program of the student(mandatory),
- Year number (mandatory),
- Course name (mandatory),
- Alternative course name (optional).

Data example:

| Student surname | Student first name | Student ID | Program of the student | Year number | Course name | Alternative course name |
|-----------------|--------------------|------------|------------------------|-------------|-------------|-------------------------|
| Adams | Rickena | 12568 | Undergraduate | 1 | Databases | |

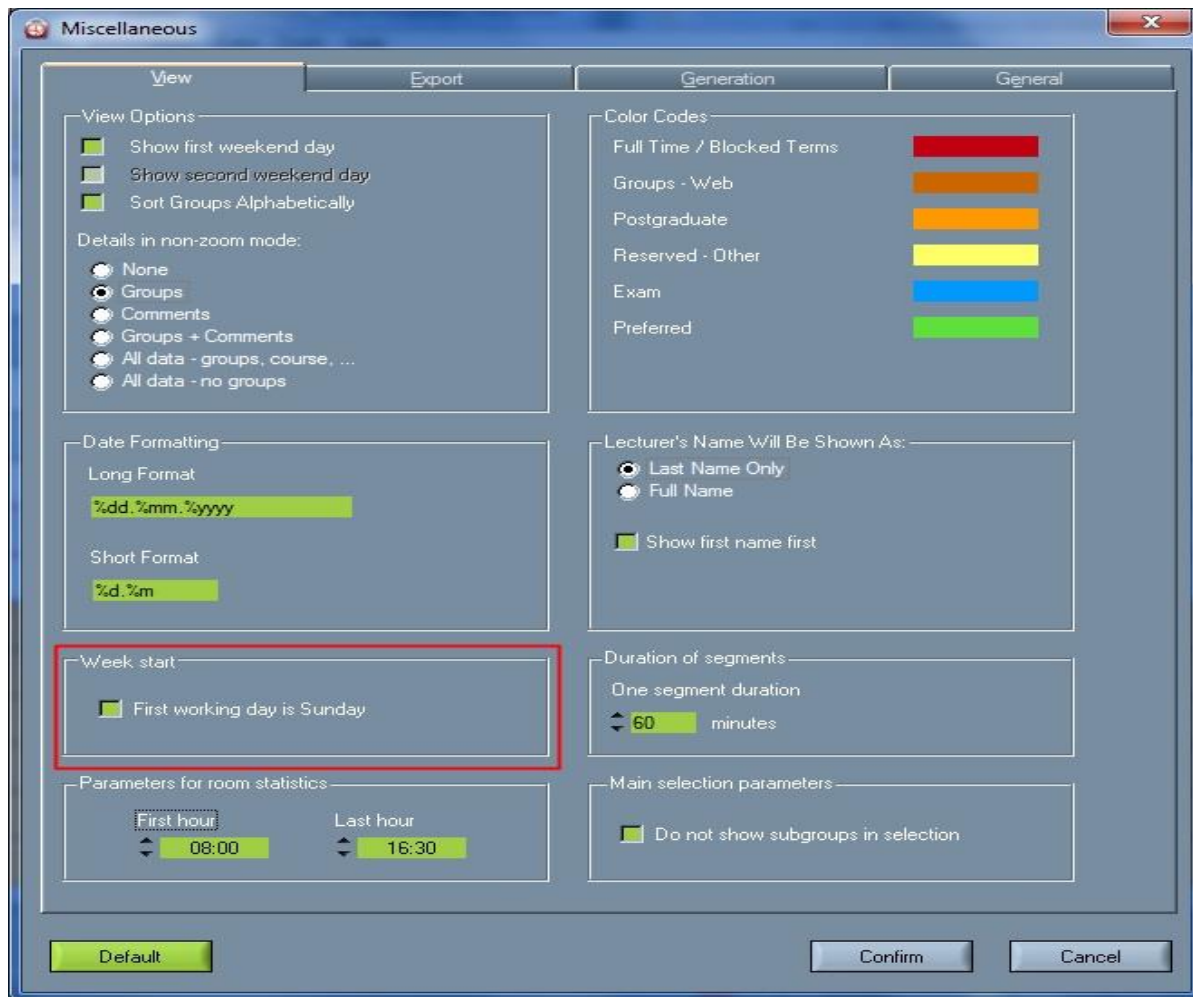
Example of one CSV line:

studentSurname;studentName;studentID;programOfTheStudent;yearNumber;courseName;alternativeCourseName

Adams;Rickena;12568;Undergraduate;1;Databases;

25. Saturday is the first working day

First working day is Sunday - click if your organizations' stating day of the week is Sunday. After checking this option and confirming it, the whole schedule, presentation pages and working interface will start with Sunday instead of Monday as a first day. It is located in Settings → Miscellaneous → View in the very down-left corner of the window.



26. Access to all configuration files directly from application

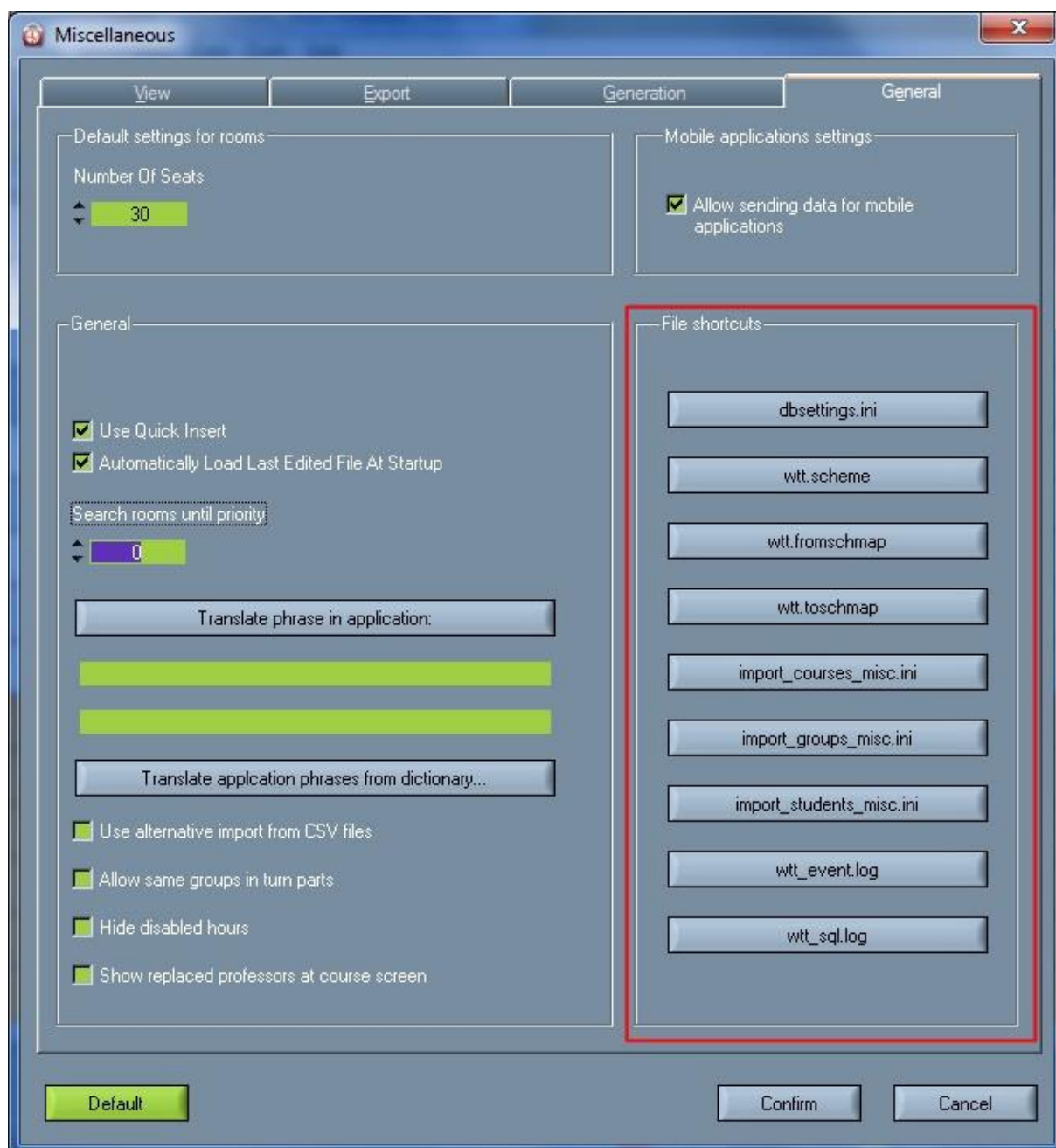
Recently, new Windows versions changed permissions, who can write into which directory etc... To be able to cope with all the new security policies, we had to change configuration files position into directory which is reserved for Applications: *c:\ProgramData* – and created our subdirectory there: *c:\ProgramData\WiseTimetable*. Now, all the configuration files are there. Note that this directory does not exist on Windows XP (and earlier windows) systems. To keep compatibility with really all Windows

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systems, Wise Timetable creates Configuration directory in the Wise Timetable installation directory – e.g. `c:\Program Files (x86)\Wise Timetable\Config`.

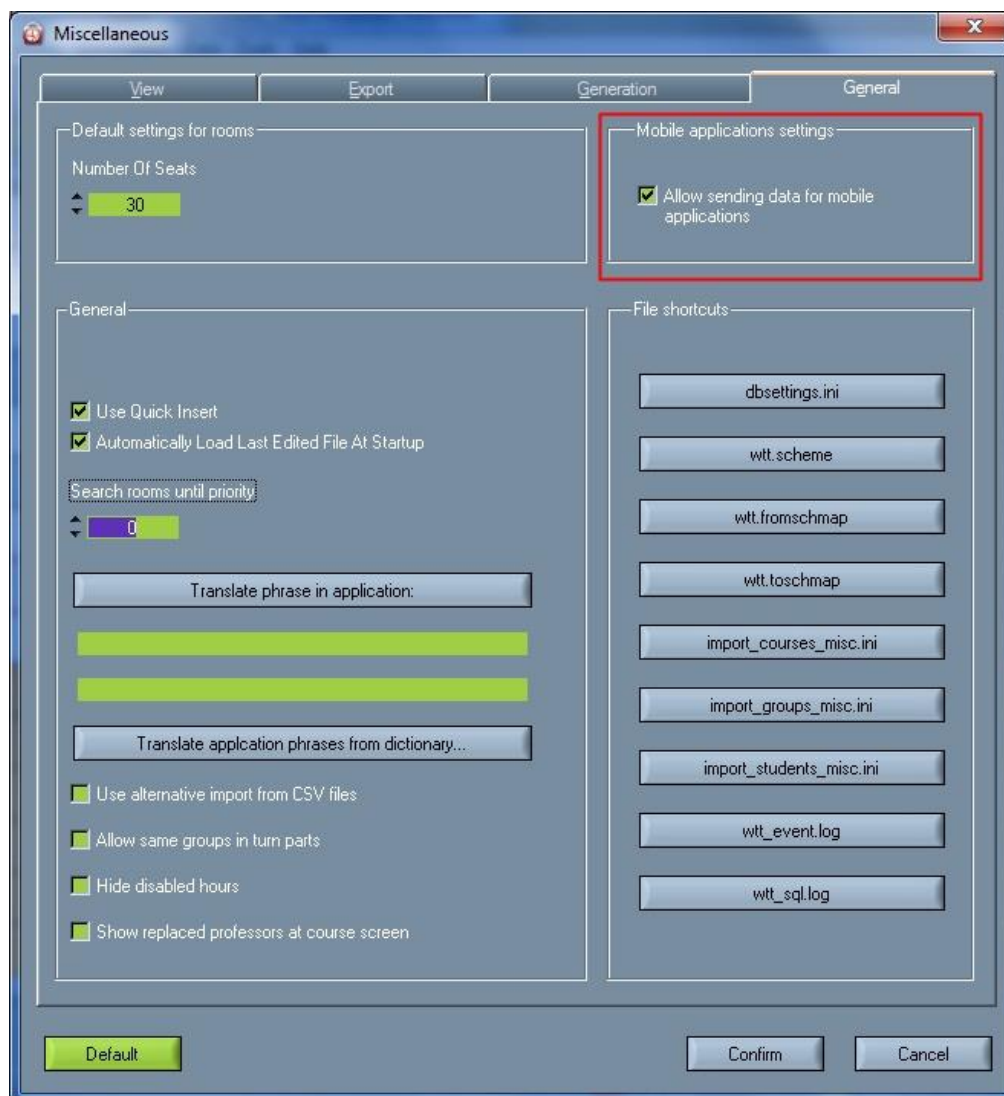
There is a little problem with `c:\ProgramData` directory: it is initially hidden by Windows and users need to show hidden files in their file explorers in order to access configurations for applications.

To avoid this, we've put buttons with file names at Settings → Miscellaneous → General – and by pressing these buttons, you can access configuration files without taking care about their actual position.



27. Sending data to mobile phones

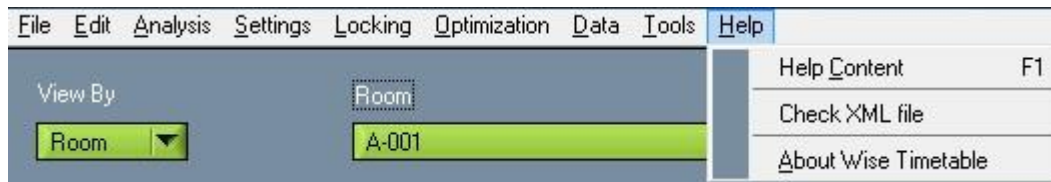
Wise Technologies made two mobile applications for displaying timetables – one for Android and one for iOS (Apple) mobile devices. Wise Timetable users do not have to have database or web pages established, in order to use these applications. It is possible to send basic timetable information directly to Wise Timetable servers only by ticking the option »Allow sending data for mobile applications« at Settings → Miscellaneous → General. When this option is ticked, whenever you save to your timetable or export it into database, some part of timetable is sent to Wise Technologies web in order to enable information for mobile devices.



Mobile applications are free of charge and available from app stores.

28. Administrative check of XML files

At main Help menu, there is option »Check XML file«. It is really advanced option and used solely for resolving inconsistency problems in XML files where timetable is stored.

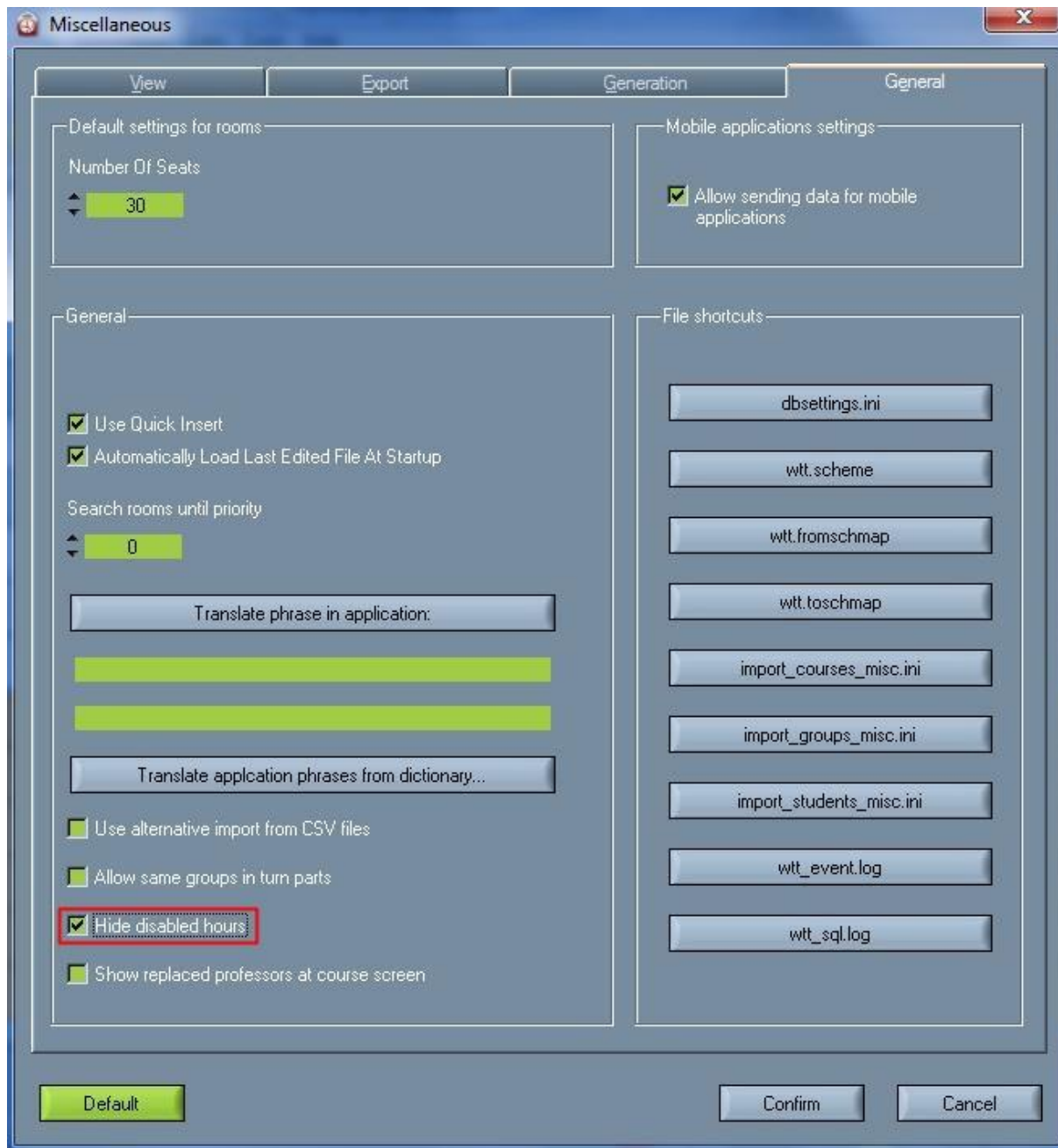


Sometimes, users enter special characters into reservation comments, course names and similar and these special characters (in rare cases when not handled by the system) are not allowed in standard XML format. With this menu option, software will show you line numbers when inconsistencies are found – there might be some false negatives here. This option is used only when XML cannot be loaded because of corrupt data.

29. Hide disabled hours

In case you don't want to see disabled activities on the main Wise Timetable window go to Settings → Miscellaneous → General and choose “Hide disabled hours” option, as shown in the picture bellow:

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30. Web pages improvements

There is whole line of web pages improvements:

1. Graphical interface is improved;
2. There is a new option for sorting the lectures by date instead of grouping them by course when displaying lecturer whole year schedule. With this option, only schedules from today's date are displayed;

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3. In URL representing the groups (groups.php) and professors (prof.php), now you can set parameters already – so there is no need for any selection – timetable is displayed right away! That way you can bookmark this URL and call it later to display your timetable without annoying selections. Of course, these parameter scan be omitted and pages used without them...
4. Reservations of rooms and groups are improved greatly. Now you can reserve more rooms at once, reserve more professors at once, reserve more days (or weeks) in a row, calendar of occupation of currently selected entities is displayed on right side when reserving groups – so you can click on empty space to reserve groups directly in that empty slot, now you can enter more confirmation email addresses separated by »;« in email field, after reservation you can stay on current screen with current selection and continue with similar reservations, ...
5. Room sort order is now exactly as it is in desktop application – unless you define strictly alphabetic sort order in web administration page (configure.php).

31. Web note

To alert about some changes or news now is possible to write note to the web for courses, proctors and groups. Maximum length of notifications is 512 characters. Open Edit in the menu and choose Courses/Proctors/Groups.

31.1. Lecturer web note

In 'Notification for web pages' you can insert one or more notifications important for professors. If the notification is same for all professors you can make faculty-wide announcement by checking 'Copy to all other professors' and all professors will be able to see the notification.

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Lecturer's Specifications

Name: MADONNA
Surname: CRAM
Code: 29 / 35
E-Mail Address: [empty]
☐ Include To Mailing List
Custom hours/day: 10 Default Room: (None)
Web Pages Code: 29 / 35 City: (None)
Notes: [empty]
Notification for web pages: [empty]
☐ Copy to all other professors
Professor ☒ Administrator ☐ Other ☐

Timetable Grid (Mon-Sun):

| Time | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|---------------|-----|-----|-----|-----|-----|-----|-----|
| 07:00 - 07:30 | | | | | | | |
| 07:30 - 08:00 | | | | | | | |
| 08:00 - 08:30 | | | | | | | |
| 08:30 - 09:00 | | | | | | | |
| 09:00 - 09:30 | | | | | | | |
| 09:30 - 10:00 | | | | | | | |
| 10:00 - 10:30 | | | | | | | |
| 10:30 - 11:00 | | | | | | | |
| 11:00 - 11:30 | | | | | | | |
| 11:30 - 12:00 | | | | | | | |
| 12:00 - 12:30 | | | | | | | |
| 12:30 - 13:00 | | | | | | | |
| 13:00 - 13:30 | | | | | | | |
| 13:30 - 14:00 | | | | | | | |
| 14:00 - 14:30 | | | | | | | |
| 14:30 - 15:00 | | | | | | | |
| 15:00 - 15:30 | | | | | | | |
| 15:30 - 16:00 | | | | | | | |
| 16:00 - 16:30 | | | | | | | |
| 16:30 - 17:00 | | | | | | | |
| 17:00 - 17:30 | | | | | | | |
| 17:30 - 18:00 | | | | | | | |
| 18:00 - 18:30 | | | | | | | |
| 18:30 - 19:00 | | | | | | | |
| 19:00 - 19:30 | | | | | | | |
| 19:30 - 20:00 | | | | | | | |
| 20:00 - 20:30 | | | | | | | |
| 20:30 - 21:00 | | | | | | | |
| 21:00 - 21:30 | | | | | | | |
| 21:30 - 22:00 | | | | | | | |

Lecturer can teach the following (optional):

- Advanced Business Computing(lecture.1.3)
- Advanced Business Computing(tutorial.1.3)
- Advanced Financial Accounting(lecture.3)
- Advanced Financial Accounting(tutorial.3)
- Advanced Financial Management(lecture.3)
- Advanced Financial Management(tutorial.3)
- Advanced Spreadsheet Systems(lecture.1.2)
- Advanced Spreadsheet Systems(tutorial.1.2)
- Applied Econometrics and Forecasting(lecture.2.3)
- Applied Econometrics and Forecasting(tutorial.2.3)
- Aspects of Business Law(lecture.1.2)
- Aspects of Business Law(tutorial.1.2)
- Business Design(lecture.3)
- Business Design(tutorial.3)
- Business Ethics(lecture.3)
- Business Ethics(tutorial.3)
- Company Law(lecture.3)
- Company Law(tutorial.3)
- Competition Policy and Economic Regulation(lecture.3)
- Competition Policy and Economic Regulation(tutorial.3)
- Contemporary Issues in Human Resource Management(lecture.3)
- Contemporary Issues in Human Resource Management(tutorial.3)
- Criminal Law(lecture.2.3)
- Criminal Law(tutorial.2.3)
- Data Envelopment Analysis(lecture.3)
- Data Envelopment Analysis(tutorial.3)
- Databases(lecture.2)
- Databases(tutorial.2)
- Decision Support Systems(lecture.1.2)
- Decision Support Systems(lecture.2)
- Decision Support Systems(seminar.1.2)
- Decision Support Systems(tutorial.1.2)
- Doing E-Business(lecture.2)
- Doing E-Business(tutorial.2)
- E-Business and IT Law(lecture.1.2.3)
- E-Business and IT Law(tutorial.1.2.3)

Program: (All)
Subject Area: (All)
Year: (All)

☒ Show only "Undefined" courses
☐ Show only checked

Confirm Cancel

When you export data to database, this notification will be visible on top of the professor's timetable screen.

To cancel or delete notification just delete this edit field content and confirm the screen. Notification will stay on the web until you delete it here. To be able to remember easily to whom you sent notifications and to maintain/change/delete notifications easily, next to the name of professors that currently have non-empty (active) notification new labels ">" and "(note exists)" will show up.

Lecturers

Lecturer:

- > HANFORD RALPH (note exists)
- ALTMAN ANDREW
- BAKER COLIN
- COHEN GEORGE
- COLE DAVID
- COLWELL RITA
- CRAM MADONNA
- DAVIS ANGELA
- EVANS LOUIS
- FISHER RICHARD
- GILBERT JAMES
- GOODMAN AMANDA
- GREENWOOD GAREY
- HOFER NICHOLAS
- JOHNSON PETER
- MCCLUSKY JAMES
- MILES STEVE
- MURRAY BEN
- PHILLIPS STANLEY
- QUINN LIZZY
- REYNOLDS PAUL
- ROCKWELL BERNARD
- ROSS JANET
- SCHMIDT JAIME
- SMITH ROXIE
- SPENCER JOHN

Add
Delete
Edit
Obligations
Close

31.2. Groups web note

Insert web page note in 'Notification for web pages'

The screenshot shows the 'Group Occupancy - BAM1-4' window. On the left, there are configuration options: 'City' (set to '(None)'), 'Web Pages Code' (a green bar), 'Custom hours/day' (set to 10), and 'Ignore mandatory break' (unchecked). Below these are two warning levels: 'Warning hrs/week, level 1' and 'Warning hrs/week, level 2'. A 'Notification for web pages' text area is also present. At the bottom left, there are four checkboxes for copying group notifications: 'Copy to all groups in branch', 'Copy to all groups in program', 'Copy to all groups in year', and 'Copy to ALL other groups'. The main area is a timetable grid with columns for days of the week (Mon-Sun) and rows for 30-minute intervals from 07:00 to 21:30. Some cells in the grid are shaded gray, indicating occupancy. At the bottom, there is a status bar showing '23.2 - 1.3 (22)' and 'Confirm'/'Cancel' buttons.

Since there might be many groups defined in the system, we made a lot of options for copying the group notification to other groups. Copy options are:

- 'Copy to all groups in branch';
- 'Copy to all groups in program';
- 'Copy to all groups in year';
- 'Copy to ALL other groups'.

To be able to easily distinguish groups with and those without, groups notifications are colored differently (gray background).

Wise Timetable Release notes

| Name | Stud. Num | Parent group | Type - O/N | Note | Email |
|--------|-----------|--------------|------------|------|-------|
| BAM1-6 | 30 | | 0 | | |
| BAM1-5 | 30 | | 0 | | |
| BAM1-4 | 30 | | 0 | | |
| BAM1-3 | 30 | | 0 | | |
| BAM1-2 | 30 | | 0 | | |
| BAM1-1 | 30 | | 0 | | |

To delete notification(s) just set the notification field to empty and if you like to delete also other group's notification, deselect previously selected copy options bellow.

31.3. Course web note

Insert web page note in 'Notification for web pages'. To be able to write web note you need to select course first. Courses web note will appear only at course view web page. Notification is saved to the course only after pressing 'Save course notification' button, and saved to web pages after export to database.

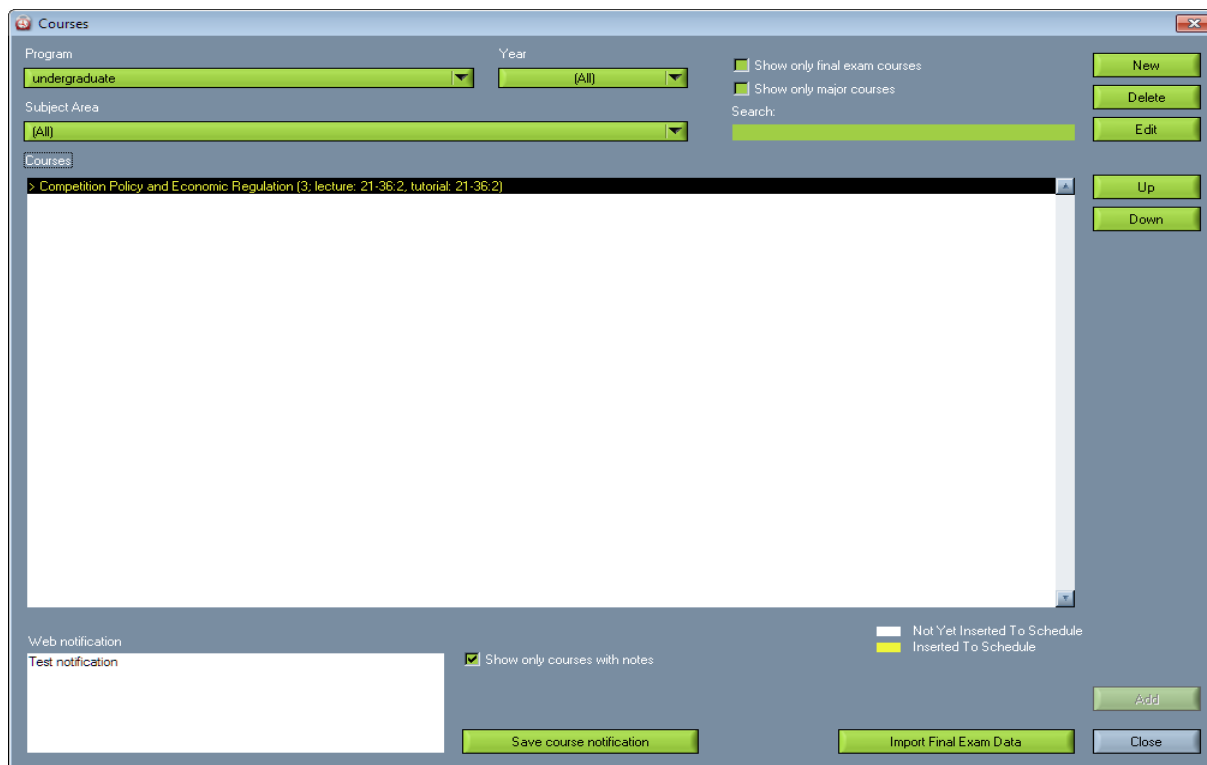
| Program | Year | Subject Area | Courses |
|---------------|-------|--------------|---|
| Undergraduate | (All) | (All) | Advanced Spreadsheet Systems (1,2; lecture: 21-36.2+2, tutorial: 21-36.2+2, EP, M) Advanced Business Computing (1,3; lecture: 21-36.2, tutorial: 21-36.2) Aspects of Business Law (1,2; lecture: 1-15.2, tutorial: 1-15.1) Applied Econometrics and Forecasting (2,3; lecture: 21-36.2, 21-36.2, tutorial: 21-36.2, 21-36.2) Advanced Financial Accounting (3; lecture: 1-15.2, tutorial: 1-15.2, EP) Advanced Financial Management (3; lecture: 1-15.2, tutorial: 1-15.2) Databases (2; lecture: 1-15.2, tutorial: 1-15.2, 1-15.2) Decision Support Systems (1,2; lecture: 1-15.2, 1-15.2, seminar: 1-15.1, 1-15.1, tutorial: 1-15.1, 1-15.1) Business Design (3; lecture: 1-15.2, 1-15.2, tutorial: 1-15.2) Business Ethics (3; lecture: 1-15.2+2, tutorial: 1-15.2+2) Doing E-Business (2; lecture: 21-36.2+1, tutorial: 21-36.2) Criminal Law (2,3; lecture: 1-15.2, tutorial: 1-15.1, 1-15.1) Company Law (3; lecture: 21-36.2+2, tutorial: 21-36.2) Competition Policy and Economic Regulation (3; lecture: 21-36.2, tutorial: 21-36.2) Contemporary Issues in Human Resource Management (3; lecture: 21-36.2, tutorial: 21-36.2, EP) Data Envelopment Analysis (3; lecture: 21-36.2+2, tutorial: 1-1+1) E-Business and IT Law (1,2,3; lecture: 21-36.2+1, tutorial: 21-36.2+2) Effective Teamwork (2,3; lecture: 1-15.2, tutorial: 1-15.2) Emerging and Transition Economies (2; lecture: 21-36.2, 21-36.2, tutorial: 21-36.2, EP) Effective Management Consultancy (1,2; lecture: 1-15.2, 1-15.2, tutorial: 1-15.2, 1-15.2) E-Business Systems Development (1,3; lecture: 21-36.2, tutorial: 21-36.2, EP) Financial Accounting (1; lecture: 1-15.2, seminar: 1-15.2, tutorial: 1-15.2) Enterprise Resource Planning (2; lecture: 21-36.2+2, tutorial: 21-36.2) Financial Management (1; lecture: 21-36.2, seminar: 21-36.2) French - s (1,2; lecture: 21-36.2, tutorial: 21-36.1) IBE Projects (1; lecture: 21-36.2+2, tutorial: 21-36.2+2) German - s (1,2; lecture: 21-36.2, tutorial: 21-36.2+2) |

Courses that have web note also have new label in front of their name ">".

Wise Timetable Release notes



You can also filter all the courses with notifications simply by pressing the checkbox »Show only courses with notes«



32. Web reservations

You can make web reservation for rooms and groups.

32.1. Reservations for rooms

Users of the application can be: lecturers (professors, assistants, etc.), administrative staff, or anyone else with enabled access.

Installation is very easy. It is installed the same way as other web applications for viewing timetables. Data is read from the same database as the applications for viewing timetables. It is made in PHP programming language.

Access to application is enabled with the user name and password (user name is the name; password is set in the Wise Timetable desktop application).

In overview of all rooms (on a given day), free room can be easily found as grey fields.



Click at free time and make reservation.

Wise Timetable Release notes

The screenshot shows a web form for room reservations. The form is divided into several sections: Room reservation, Date, Lecturer, Description, Interval, and Email. Each section has a callout box explaining its function. The Room reservation section shows a list of rooms with 'Central 3-02' selected. The Date section shows '27.03.2015'. The Lecturer section shows 'Smith Susan'. The Description section shows '(Smith Susan, Central 3-02)'. The Interval section shows 'From: 10.30 To: 11.00 Duration (days): 1'. The Email section shows 'Professor's email'. At the bottom, there are three buttons: 'Back', 'Description', and 'Reserve', each with a callout box explaining its function.

| | | |
|---|--|---|
| Room reservation | Central 3-01 Principal Central 3-02 Central 3-03 Central 3-04 Central 3-05 Central 3-06 Central 3-07 Central 3-08 Central 3-10b (Edmund) Central 3-10a (Ruth) | Choose room/rooms. |
| Date | 27.03.2015 | Date on which reservation is made. |
| Lecturer | Smith Susan | Name of professor/professors who (or in whose name) made reservation. |
| Description | (Smith Susan, Central 3-02) | More details about the reservation. |
| Interval | From: 10.30 To: 11.00 Duration (days): 1 | Intervals in hours and dates. Indicate time that you want to reserve and on which days to perform it. |
| Email | Professor's email. | |
| Back Description Reserve | | |
| Go back without making reservation. Set description to default. Make reservation. | | |

- **Room reservation** - choose room you want to reserve. You can choose one or more rooms. To reserve more rooms use Ctrl + click on rooms or Shift + click.
- **Date** - the date when reservation is made.
- **Lecturer** - you can choose one or more professors.
- **Description** - you can write more details about reservation. Software automatically insert professor's name and room name. You can delete automatic description and write your own or continue with writing description)
- **Interval** - interval is set automatically with the date and time on which you click to make the reservation. Interval can be changed.
- **Duration days** - if you enter 'n' number (bigger than 1) than same reservation will be made for 'n' number of next days. Note that weekends are skipped.
- **Email** - if professor's email is entered before in professors specification than email will be automatically entered, if not, you can enter email. In case more professors are chosen, email of last chosen professor will be seen.
- **Back** - click here and reservation will be cancelled.
- **Description** - click here and description field will be set back to default.

Wise Timetable Release notes

- **Reserve** - click to make reservation. If reservation is successful you will go automatically to previous screen and you will be able to see your reservation in blue color. If reservation is not successful, you will stay on the same screen where notification about error.

If the user clicks on any reserved field (hour), details are displayed. In case of regular lectures, the name of the course, day, hour, course type, duration or time interval and lecturer are displayed. In case of room reservation, time interval, duration (how many hours are booked), description and lecturer are displayed.

The user can delete only his own reservations, and cannot interfere in the reservations of other users (Note: except it is set that only main admin can make reservations in his own name and in the name of other professors).

Changes made with the web application are saved directly in the database. User of the Wise Timetable desktop application can lock the database while working. This means that online reservations can still be made, but when exporting into database, an additional window is displayed, showing all the changes made through web application in the meantime.

Any changes made with the web application can be verified through website for administrators. Also, there are additional settings in the Configuration section for Room Reservation Module Settings.

32.2. Reservations for groups

Users of the application can be: lecturers (professors, assistants, etc.), administrative staff, or anyone else with enabled access.

Installation is very easy. It is installed the same way as other web applications for viewing timetables. Data is read from the same database as the applications for viewing timetables. It is made in PHP programming language.

Access to application is enabled with the user name and password (user name is the name; password is set in the Wise Timetable desktop application).

Wise Timetable Release notes

Wise Timetable®

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Login to reservations

User: **ALTMAN ANDREW**

Password:

Login

In overview of all groups (on a given day), free room can be easily found as grey fields.

Jump to: 27.03.2015

Legend: Regular hours (Red), Reserved (Green), Holiday (Light Green), Your reservation (Blue), Exam (Yellow)

Mon, 23.03.2015 Tue, 24.03.2015 Wed, 25.03.2015 Thu, 26.03.2015 Fri, 27.03.2015 Sat, 28.03.2015

| Room | 08.00 | 08.30 | 09.00 | 09.30 | 10.00 | 10.30 | 11.00 | 11.30 | 12.00 | 12.30 | 13.00 | 13.30 | 14.00 | 14.30 | 15.00 | 15.30 | 16.00 | 16.30 | 17.00 | 17.30 | 18.00 | 18.30 | 19.00 | 19.30 | 20.00 | 20.30 | 21.00 | 21.30 |
|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Central 3-01 Principal | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-10b (Edmund) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-10a (Ruth) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-14 Vice Principal | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-16 (3F Exam Room) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-17 (IT Office) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-18A (Online Room) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-18B (Online Room) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-21 (Online Room) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 3-22 (Online Room) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 2-02 (Fashion room) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Central 2-03a | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

User's reservation is marked in different colour (blue), which makes it easier to find his/hers own reservations.

Click at free time and make group reservation.

Wise Timetable Release notes

The screenshot shows a web-based reservation form with the following fields and callouts:

- Room reservation:** A list of rooms (Central 3-01 Principal, Central 3-02, Central 3-03, Central 3-04, Central 3-05, Central 3-06, Central 3-07, Central 3-08, Central 3-10b (Edmund), Central 3-10a (Ruth)). Callout: "Choose room/rooms."
- Date:** A date picker showing 26.03.2015. Callout: "Choose date of the reservation."
- Lecturer:** A text field containing "Smith Susan". Callout: "Name of professor/professors who (or in whose name) made reservation."
- Program:** A dropdown menu showing "Central". Callout: "Choose program."
- Year:** A dropdown menu showing "1". Callout: "Choose year."
- Subject area:** A dropdown menu showing "Tutorial - 1". Callout: "Choose subject area."
- Group:** A list of names (1 Othman, Abbs, Jemma, Alder, James, Appleton, Catherine, Ascough, Andrew, Ascough, Philip, Assessment, Au, Anselm, Au, Christopher, Au, Hadrian). Callout: "Choose group/groups."
- Description:** A text area containing "(Smith Susan, Central 3-05)". Callout: "Write more details about the reservation."
- Interval:** Fields for "From: 10.00", "To: 10.30", "Duration (days): 1", and a "Find slot" button. Callout: "Interval in hours and days/weeks."
- Email:** A text field.
- Buttons:** "Back" (Callout: "Go back without making reservation."), "Description" (Callout: "Set description to default."), and "Stay after reservation" (checkbox, Callout: "Check to stay on this window after saving reservation.").
- Find slot button:** Callout: "Find free slot and save reservation."

* Please select an empty field in calendar

- **Room reservation** - choose room you want to reserve. You can choose one or more rooms. To reserve more rooms use Ctrl + click on rooms or Shift + click.
- **Date** - the date when reservation is made.
- **Lecturer** - you can choose one or more professors.
- **Program** - choose program.
- **Year** - choose year.
- **Subject area** - choose subject area.
- **Group** - choose group you want to reserve. You can choose one or more groups. To reserve more groups use Ctrl + click on rooms or Shift + click.
- **Description** - you can write more details about reservation. Software automatically insert professor's name and room name. You can delete automatic description and write your own or continue with writing description)
- **Interval** - interval is set automatically with the date and time on which you click to make the reservation. Interval can be changed.

Wise Timetable Release notes

- **Duration days/Duration weeks** - if you enter 'n' number (bigger than 1) than same reservation will be made for 'n' number of next days/weeks. Note that weekends are skipped.
- **Find slot** - click to open reservation calendar. 'X' on time slot marks current reservation position. Click on any slot to change date and time of reservation, software will ask for confirmation of reservation change. When you confirm changes, reservation will be saved and software will return you to the previous window.
- **Email** - if professor's email is entered before in professors specification than email will be automatically entered, if not, you can enter email. In case more professors are chosen, email of last chosen professor will be seen.
- **Back** - click here and reservation will be cancelled.
- **Description** - click here and description field will be set back to default.
- **Stay after reservation** - check to stay on this window after confirming the changes.

If the user clicks on any reserved field (hour), details are displayed. In case of regular lectures, the name of the course, day, hour, course type, duration or time interval and lecturer are displayed. In case of room reservation, time interval, duration (how many hours are booked), description and lecturer are displayed.

The user can delete only his own reservations, and cannot interfere in the reservations of other users (Note: except it is set that only main admin can make reservations in his own name and in the name of other professors).

Changes made with the web application are saved directly in the database. User of the Wise Timetable desktop application can lock the database while working. This means that online reservations can still be made, but when exporting into database, an additional window is displayed, showing all the changes made through web application in the meantime.

Any changes made with the web application can be verified through website for administrators. Also, there are additional settings in the Configuration section for Room Reservation Module Settings.

33. Option 'Delete' does not delete turns in holidays, but disables them

We enabled that option "Delete" really does not delete settings for school year any more but all activities are now only disabled and these are then shown in the schedule in the color red. So it does not break courses and their movement is still completely possible. You can also set on which day comes different holiday and those days will be accordingly colored in the schedule, individual activities on these days will be disabled (unless they are "Forced") and during automatic generation activities will not be set on these days.

34. Print all screens at once

To print all screens at once open 'File' in the main menu and select 'Print'. Program will automatically print all screens for currently selected view, e.g. 'Room'. This means when you select view by 'Room' all the rooms will be printed, software will automatically select all the rooms one-by-one and send the displayed screen to the printer. Software will not send simple screenshot to the printer, but will actually make optimized print for the paper including taking care about overlapping courses, titles, legends and many more parameters which you can set-up at Settings → Miscellaneous → Export.

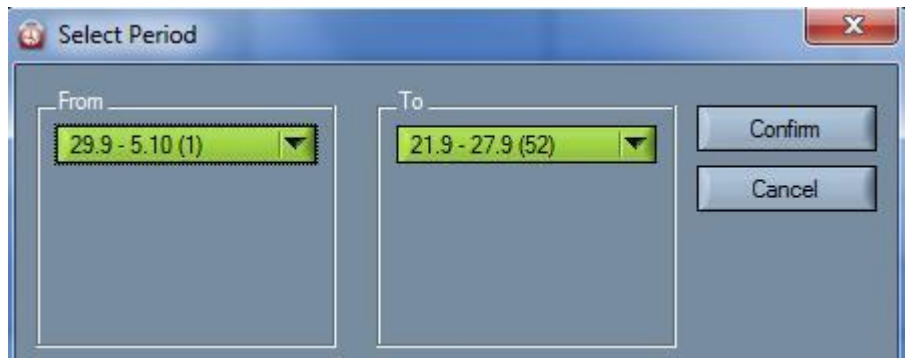
| File | Edit | Analysis | Settings | Locking | Optimization | D |
|------|------------------------------------|----------|----------|---------|--------------|--------|
| | New | | | | | Ctrl+N |
| | Load | | | | | Ctrl+L |
| | Save | | | | | Ctrl+S |
| | Save As | | | | | |
| | Save As PDF | | | | | |
| | Save to PDF - all | | | | | |
| | Print | | | | | Ctrl+P |
| | Print - All | | | | | |
| | Print One Day | | | | | |
| | Send To Recipient | | | | | Ctrl+M |
| | Send Schedules To Lecturers | | | | | |
| | c:\Schedule_Help\Rasposed_Help.xml | | | | | Ctrl+1 |
| | samples\sample_uni_lng2.xml | | | | | Ctrl+2 |
| | Exit | | | | | Ctrl+X |

35. Save as PDF

With this option displayed entries at the main Wise Timetable window will be saved as PDF. For instance, if you choose view by 'Course', Wise Timetable will export files that you can see on the main window to

Wise Timetable Release notes

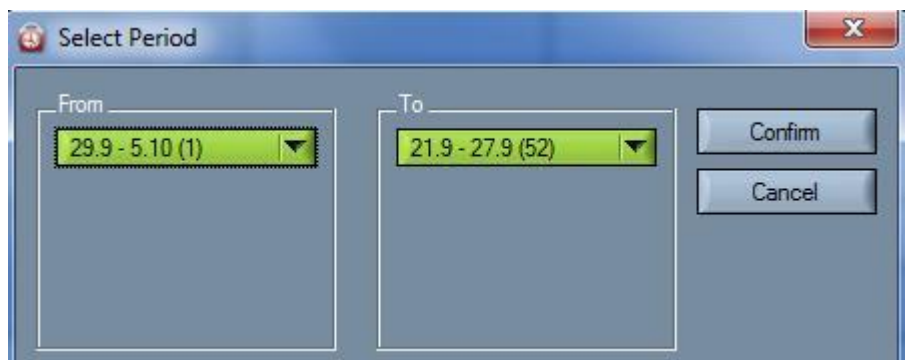
PDF. When you select this option program will ask you from which to which date (week) you want to export data and where to save new files.



Result files will have prefix as follows: <prefix>_<entry name>.pdf (prefix is your input and entry name is name of room, or Surname+Name of professor or student, or course name, etc.).

36. Save to PDF –all

With this option all displayed entries can be exported to PDF at once. Option is similar to the 'Print' option and it is located in 'File' in the main menu. If you choose view by 'Room', Wise Timetable will export as many files as there are rooms. When you select this option program will ask you from which to which date (week) you want to export data and where to save new files.



Result files will have prefix as follows: <prefix>_<entry name>.pdf (prefix is your input and entry name is name of room, or Surname+Name of professor or student, or course name, etc.).

37. School year expansion

New mandatory information in school timetable is City and School name. This info is used also in mobile applications to identify organization which is owner of the timetable. New info must be entered in School details screen (Settings → School Year Details).

School Year Settings

Basic data: Organization name

City name:
Ljubljana

Organization name:
WT test faculty

School Year

Enrol. Year: 2014

Default duration

From: 1.10 To: 18.1

Default duration (second semester)

From: 18.2 To: 31.5

Holidays

Add

Delete

Del. schedules

Semester break weeks and weeks between semesters

Make these weeks non-working

Extend year

Weeks: 0

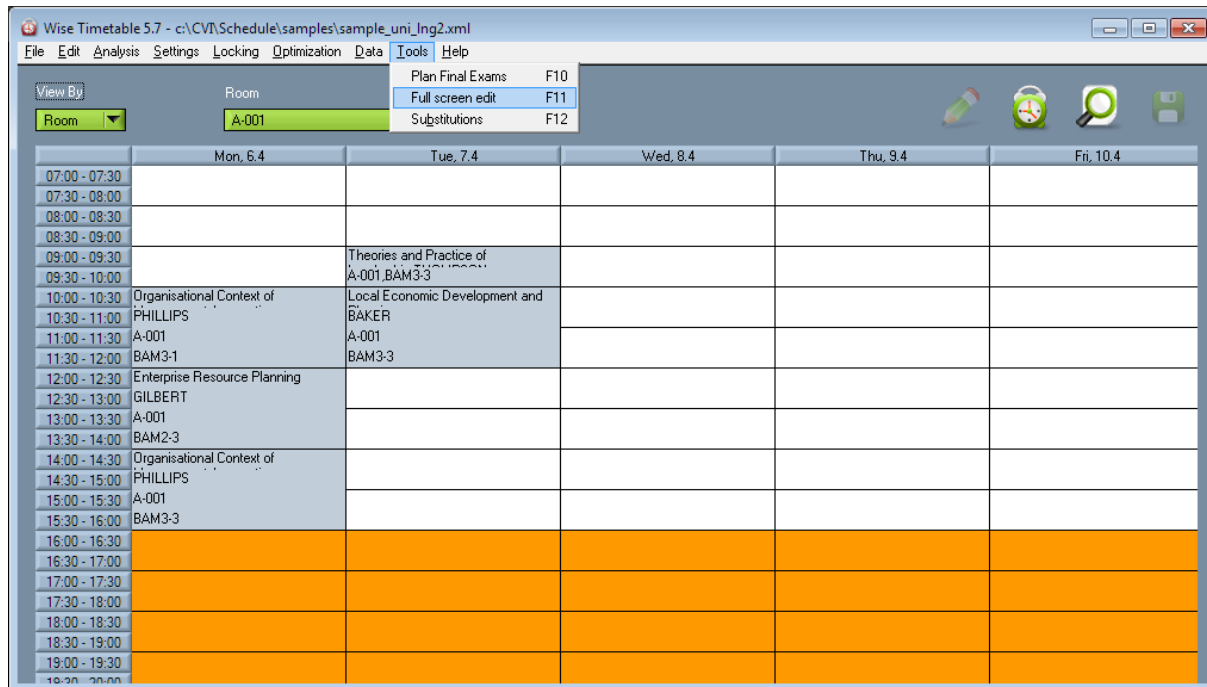
Shift start date to extend year

Confirm Cancel

Wise Timetable Release notes

38. Full screen edit

Full screen editing is enabled in menu Tools → Full screen edit and, and it can be also accessed by F11 key.



39. Unified font across the user interface

Accidentally, during the development of Wise Timetable in last 12 years, there were some font mishaps in various screens – this was not easily seen on screens with 100% magnification of fonts. However, when fonts are magnified, also differences are visible more easily. Current version of Wise Timetable has unified fonts (thus on same screen are always fonts at same controls with same size/type).

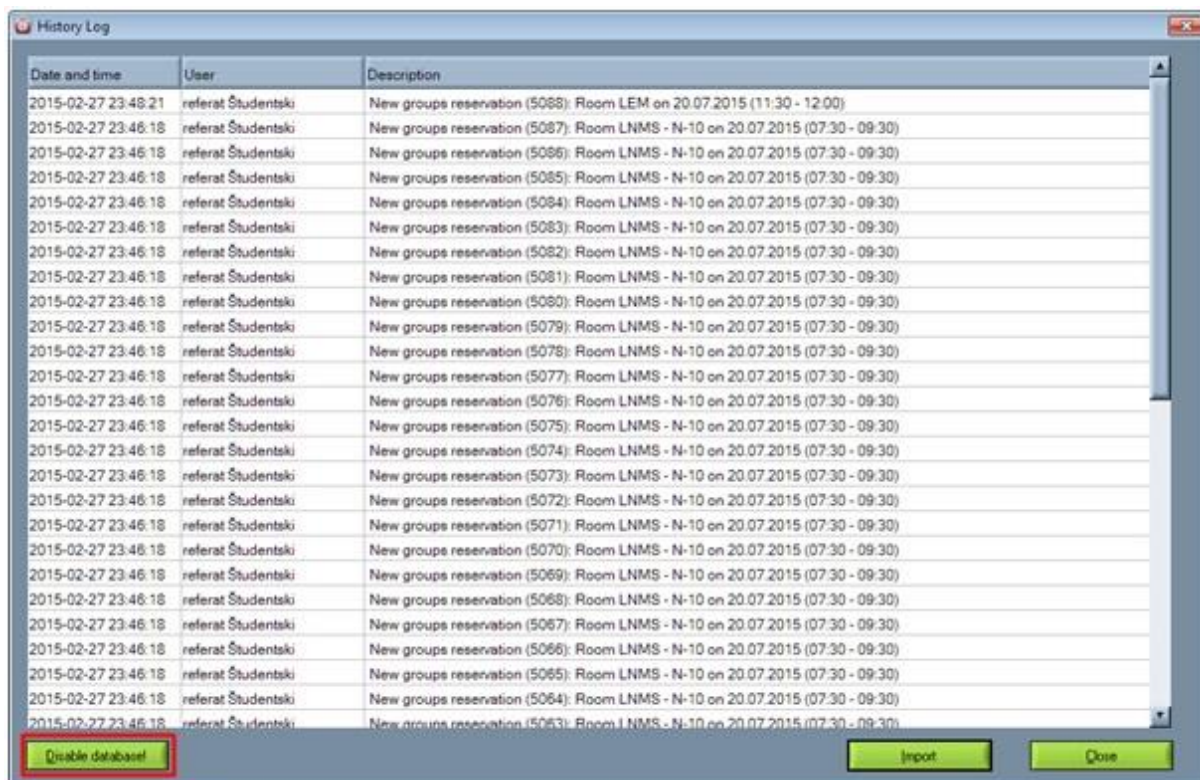
40. Edit permission

This super new option allows you to limit actions by other users (administrators) in the following way: you set which users (they are entered when you start the software) can change schedule and in which parts. This option is related only with years. For example, one person edits 1st year, other 2nd year, etc. It is placed at the end of the list in the Locking menu, but it will not show up if such locking is not enabled previously.

41. Disable database

Although you might have database defined and ODBC connection point to database defined, there is a possibility you do not want to interact with the database or with web pages because the file you are working on is not in production and/or not intended to be published to database, nor you want that reservations made on the web comes automatically into your timetable.

When database is defined and something is changed since you came into program last time, the history log is shown to warn you about the changes. As previously said, you might not want to care about these changes while editing current timetable, so there is additional button on history log screen enabling you to ignore what happens on the web:



After you click on »Disable database!« button, there will be no any warning from the database and no interaction between your PC desktop application and the web pages/database will be made. You can freely work on the current file without being afraid of updating the production database.

Chapter 4

Changes between versions 4.0 and 4.99

Wise Timetable Release notes

1. Disable and force options

1.1. Force option

Force is new option and means that the activity is "active" and not red even if it holds a position non-working days (which are defined in the options for the holidays in the school year details - Settings → School year details). This option is active only for the current week. All this is presented in following pictures:

School Year Settings

School Year
Enrol. Year: 2012

Winter Semester
From: 1.10 To: 18.1

Summer Semester
From: 18.2 To: 31.5

Holidays
16.10

Buttons: Add, Delete, Del. schedules, Confirm, Cancel

Click to add new holiday.

Enter the date of holiday and the schedule for that day will be disabled.

Wise Timetable 4.9 - c:\Program Files\Wise Timetable\samples\sample_uni_lng2.xml

File Edit Analysis Settings Locking Optimization Data Help

View By: Course Subject Area: [All] Year: 2 Year Course: Systems Analysis

| | Mon, 15.10 | Tue, 16.10 | Wed, 17.10 | Thu, 18.10 |
|---------------|---------------|---------------|------------|------------|
| 07:00 - 07:30 | | | | |
| 07:30 - 08:00 | | | | |
| 08:00 - 08:30 | AFM2-1 | | | |
| 08:30 - 09:00 | | | | |
| 09:00 - 09:30 | | | | |
| 09:30 - 10:00 | | | | |
| 10:00 - 10:30 | AFM2-2,AFM2-1 | AFM2-1,AFM2-2 | | |
| 10:30 - 11:00 | | | | |
| 11:00 - 11:30 | | | | |
| 11:30 - 12:00 | | | | |
| 12:00 - 12:30 | AFM2-2,AFM2-1 | | | AFM2-3 |
| 12:30 - 13:00 | | | | |
| 13:00 - 13:30 | | | | |
| 13:30 - 14:00 | | | | |
| 14:00 - 14:30 | | | | |
| 14:30 - 15:00 | | | | |
| 15:00 - 15:30 | | | | |
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| 20:00 - 20:30 | | | | |
| 20:30 - 21:00 | | | | |
| 21:00 - 21:30 | | | | |
| 21:30 - 22:00 | | | | |

Right click and choose "Force" if you want this activity to be still active and even if it's holiday.

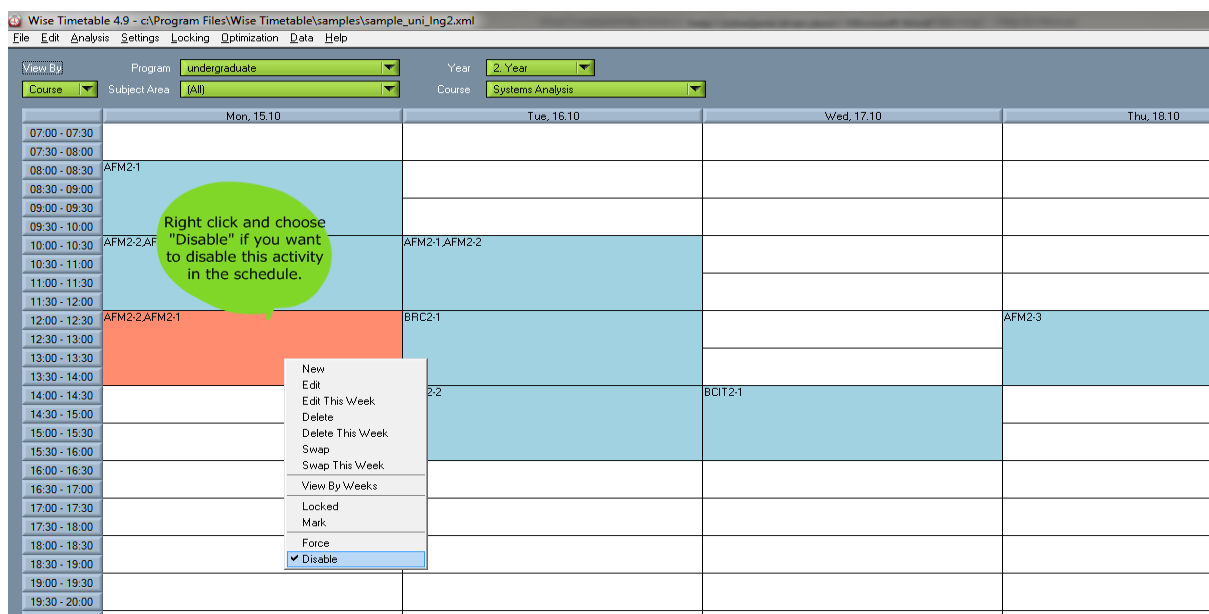
Context menu options: New, Edit, Edit This Week, Delete, Delete This Week, Swap, Swap This Week, View By Weeks, Locked, Mark, Force (checked), Unavailable

Wise Timetable Release notes

1.2. Disable option

Select an activity in the main work space, click the right mouse key and choose Disable.

Disable (reversed option from Force) is also new possibility and means that the activity becomes red and then it does not show any more in obligations. This is used for situations where the activity is in the schedule but is blocked due to some implications as lecturer being late, unable to come, group of students have some other obligations, and the course is canceled and similar. Therefore, only this one activity in the schedule will be disabled by this click without affecting other activities in that day or in the whole week of the schedule.

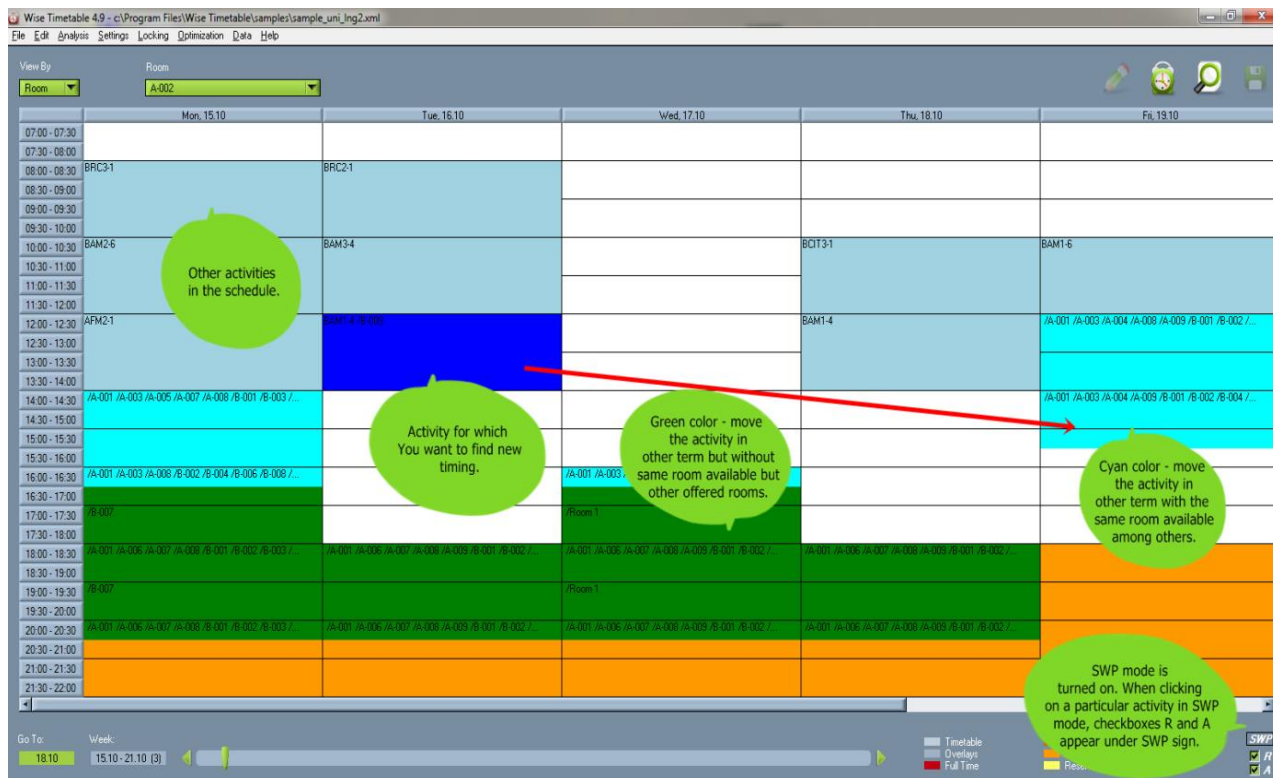


2. SWP and REF views

2.1. SWP view

This is another great and new option and it is ON when we seek to find other terms available for a particular activity to be done if it cannot be done at the time it is placed in the timetable. For this option, the condition is to be SWP mode ON and it is located in the down-right corner of the main schedule window. It is easier because you don't have to look for other rooms manually (if they are not the same as current).

Wise Timetable Release notes

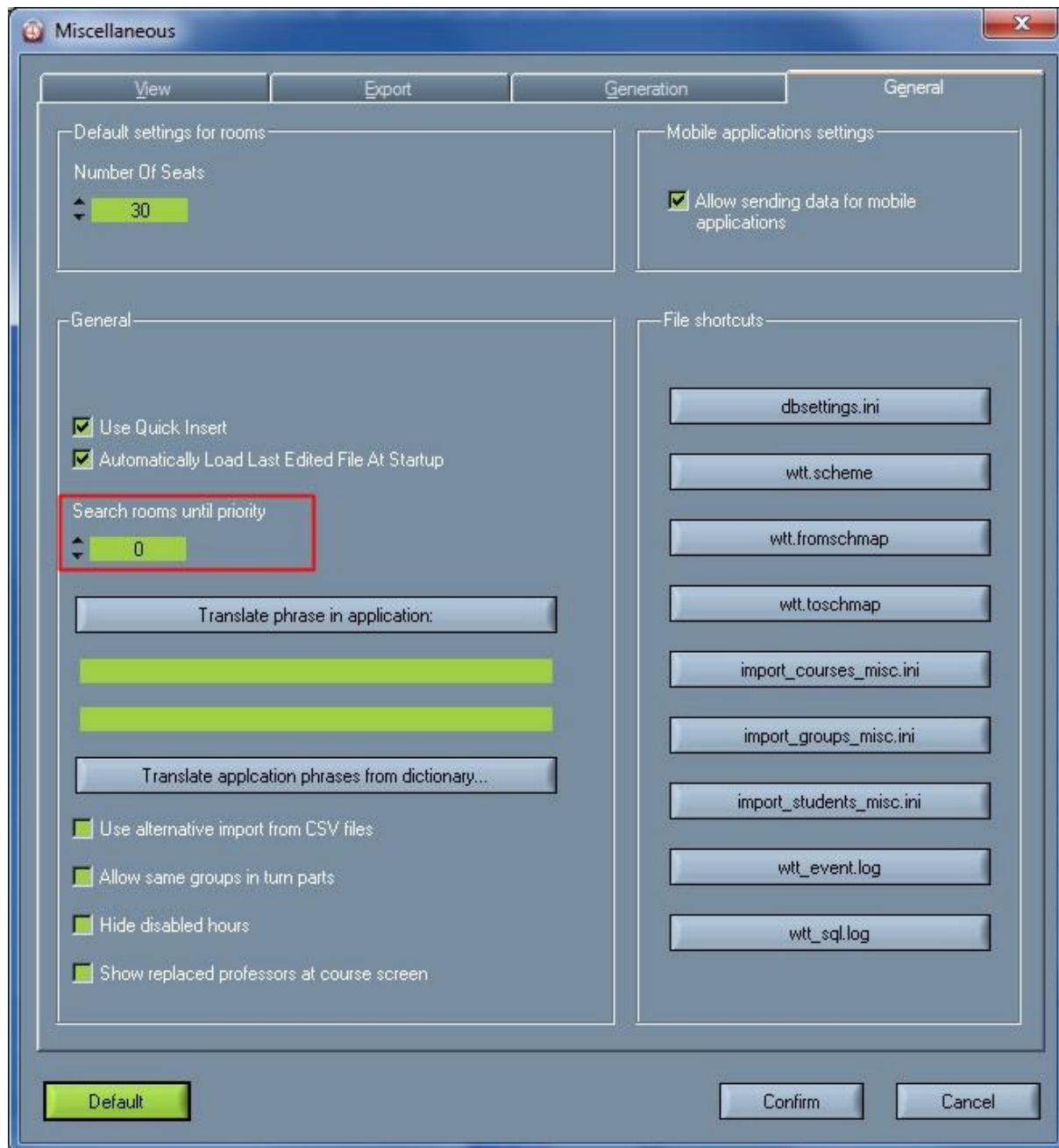


When SWP is ON, if you choose by click the activity you want to move to other term, there will appear two check boxes at the bottom right corner, under the SWP sign, where:

- R - Check it if you want software to search other rooms at all (which are different from the present one). Uncheck it if you want program to search free terms only in the same room.
- A - Check it if you want software to search terms in all rooms no matter if they have less seats than the present one. Uncheck it if you want software to search only in space with present number of seats or more.

Also, you can set in the Miscellaneous the priority to which the software will search change of term in the field "Search rooms until priority" and then you can choose priority from 0 (high) to 9 (low). When searching for other term, if you set for example the priority for searching rooms in the Miscellaneous 3, software will search new terms in rooms to that priority we previously set. That setting in Miscellaneous can be seen here:

Wise Timetable Release notes



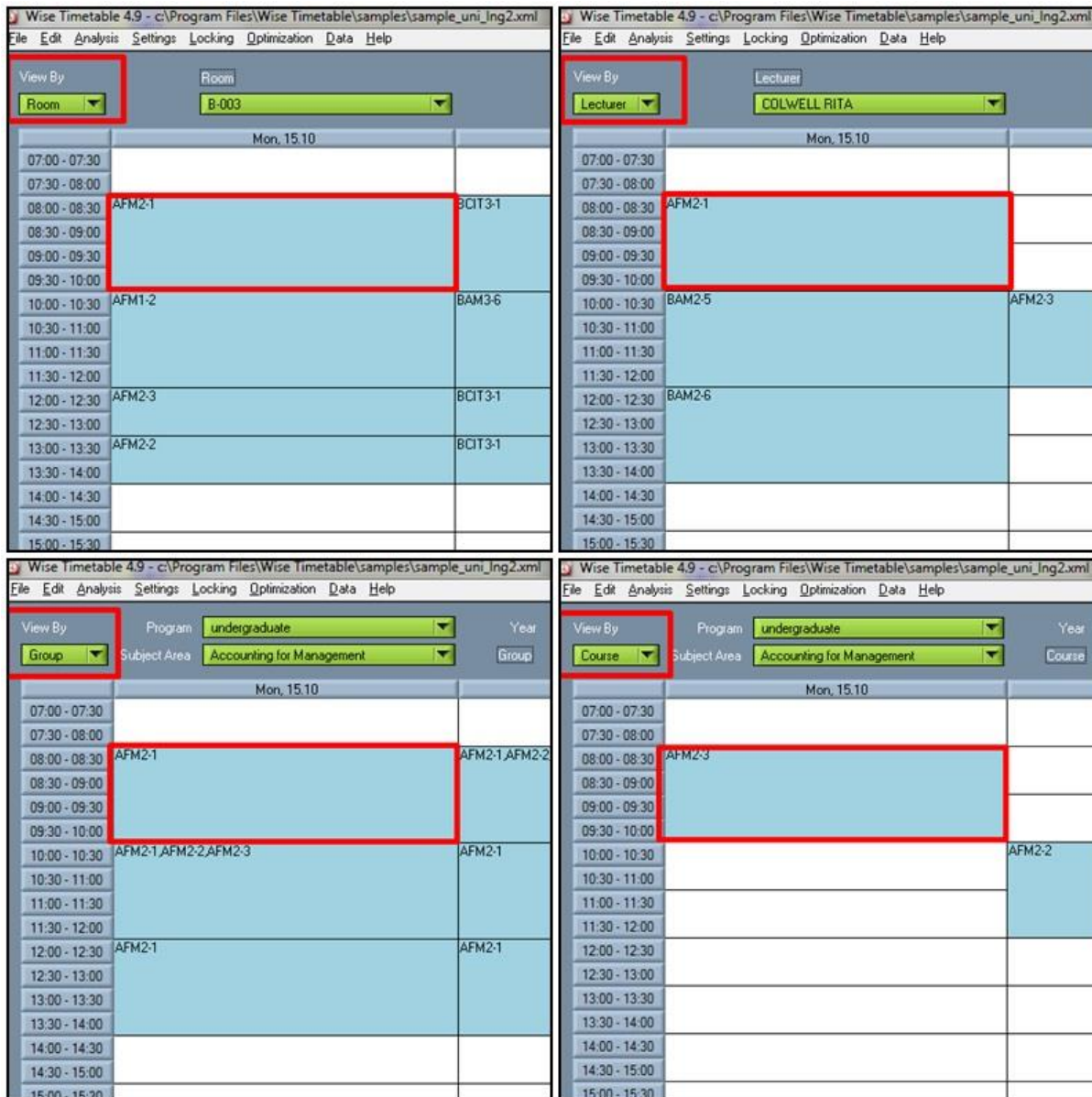
2.2. REF view

In addition to SWP, if the REF is turned on - the software will not search for replacement terms, but it will allow you to switch different views of that activity by clicking F5, F6, F7 and F8. Those functions allow:

- F5 - room view
- F6 - lecturer view
- F7 - group view
- F8 - course view.

Wise Timetable Release notes

By clicking of all of these functions, the different view will be shown in the upper - left corner of the Timetable window. With this option it is very easy and quick to change different views of that activity we click on, and all four views are seen in following picture:

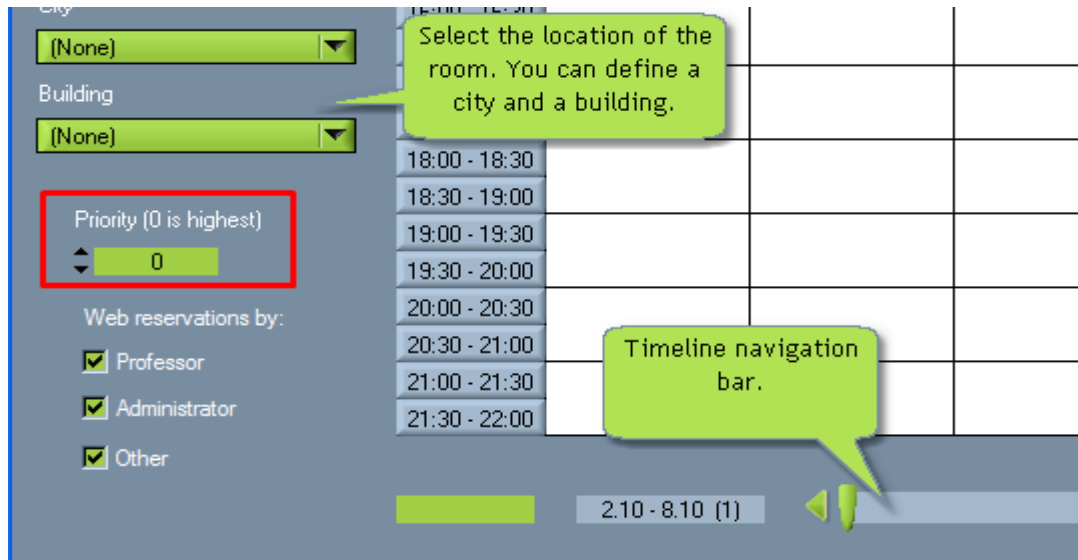


3. Set priority to rooms

When entering new rooms you have now the new practical option of choosing priorities for taking up space, it means that rooms which have priority 0 will be occupied first, after they are occupied than rooms under priority 1, then 2, to the number of 9 will be occupied with the same sequence of priority. It is ideal for faculty who has more buildings that we first fill the main building, and then others that are further will be occupied by the priorities of taking space. When entering a new room - by default priority area is set to

Wise Timetable Release notes

0. Rooms with highest priority will be generated first, and then will be generated others with lower priority (by hierarchy: 0 - highest priority, 9 lowest priority). Rooms with higher priority will be generated first, and than others by descending priority. This option is seen on the picture under:



4. Room's and lecturer's obligations window can be widen now

Window can be broaden and widen to see more rooms in the list at once.

By double clicking on the blank field by some professor you enable professor to go on the top of the list (maybe because we need him/her to be first on the list).

Window can be broaden and widen to see more lecturers in the list at once.

5. Show only last part of the room name

Print All Overlays for Groups - check this button if you want software to display all overlays of groups in the printed schedule. This option is only possible when all groups are chosen when printing. If it remains unchecked, software will not display overlays in Grey color on printed version.

In this section (Print all overlays for groups) , there is also a setting Show only last part of room name, which means as it states, only last several characters of a room name will be shown in printed versions of Overlays for groups schedule.

Wise Timetable Release notes

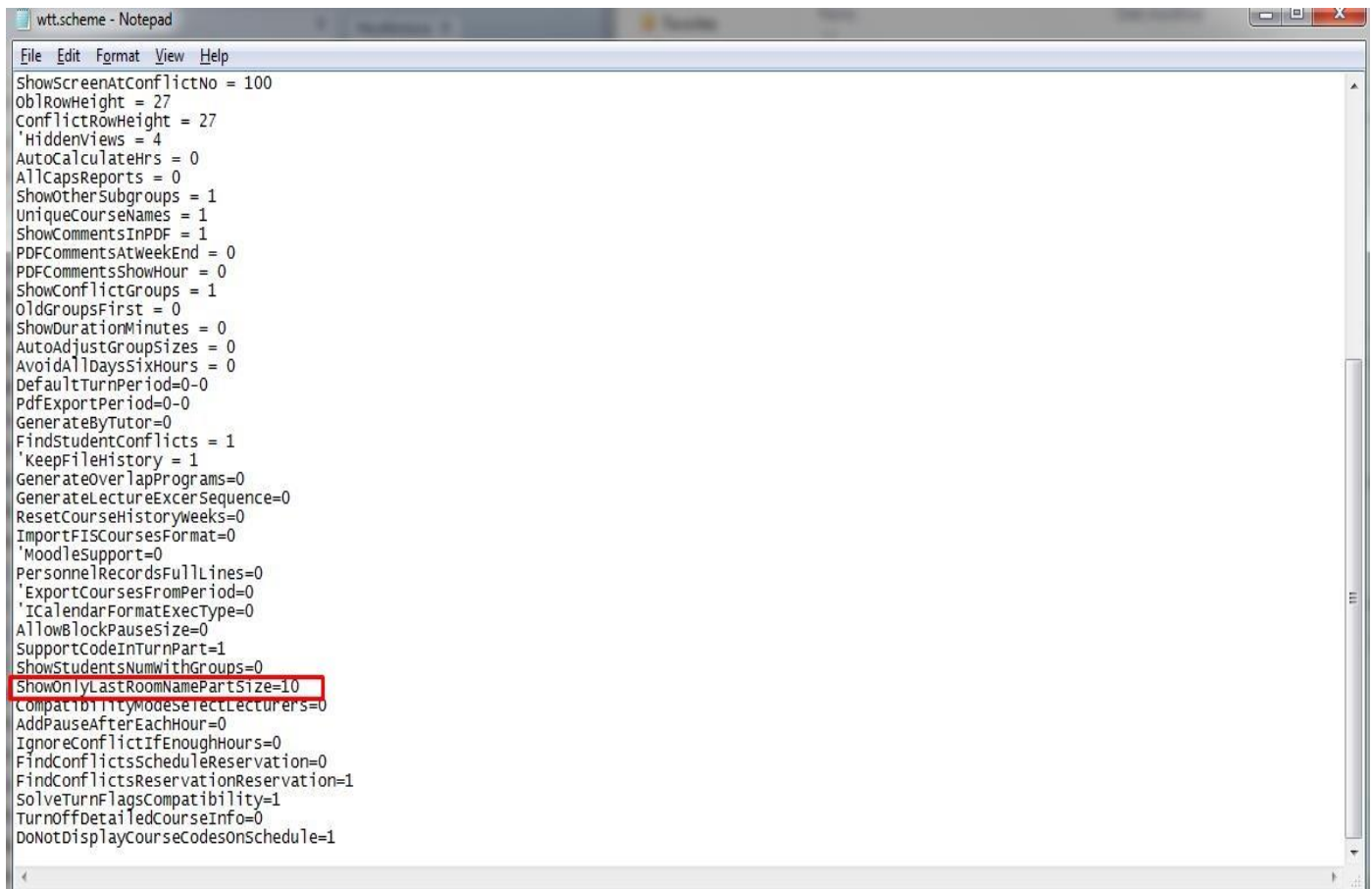
The screenshot shows the 'Export' tab of a dialog box titled 'Wise Timetable Release notes'. The dialog has four tabs: 'View', 'Export', 'Generation', and 'General'. The 'Export' tab is active. It contains several sections of settings:

- Printing Options:** A group of checkboxes including 'Print Dates' (checked), 'Print Program Name' (checked), 'Print Lecturer' (unchecked), 'Print Year' (checked), 'Print Branch Name' (checked), 'Print All Overlays For Groups' (checked), 'Show only last part of room name' (checked), and 'Show full course names' (unchecked). The 'Print All Overlays For Groups' and 'Show only last part of room name' options are highlighted with a red rectangle. Below these is a text field 'Line number for new page:' with the value '6'.
- Print Header:** A large green rectangular area for printing a header.
- Print Legend:** A checkbox (unchecked) and a large green rectangular area for printing a legend.
- Export To CSV Settings:** A section with a 'CSV Separator' dropdown (set to ';') and several checkboxes: 'Lecturers - Show Also Room' (checked), 'Lecturers - One Row For One Course' (unchecked), 'Groups - Show Also Room' (checked), 'Rooms - Show Also Course' (checked), and 'Rooms - Show All' (unchecked).
- E-Mail and PDF Options:** A section with three radio buttons: 'Use CSV Format' (unchecked), 'Use PDF Format (Ordered By Day Of Week)' (checked), and 'Use PDF Format (Ordered By Date)' (unchecked). There is also a checkbox 'Attach iCalendar File To E-Mail' (checked) and a green button 'Edit PDF templates'.

At the bottom of the dialog are three buttons: 'Default', 'Confirm', and 'Cancel'.

The other part of this setting is in wtt.scheme file as ShowOnlyLastRoomNamePartSize=10, where the number after equalizer represents the number of last characters of room names that will be shown in the schedule. This number is 10 by default, and it can be set to any other number.

Wise Timetable Release notes



```
File Edit Format View Help
ShowScreenAtConflictNo = 100
Ob1RowHeight = 27
ConflictRowHeight = 27
'HiddenViews = 4
AutoCalculateHrs = 0
AllCapsReports = 0
ShowOtherSubgroups = 1
UniqueCourseNames = 1
ShowCommentsInPDF = 1
PDFCommentsAtWeekEnd = 0
PDFCommentsShowHour = 0
ShowConflictGroups = 1
OldGroupsFirst = 0
ShowDurationMinutes = 0
AutoAdjustGroupSizes = 0
AvoidAllDaysSixHours = 0
DefaultTurnPeriod=0-0
PdfExportPeriod=0-0
GenerateByTutor=0
FindStudentConflicts = 1
'KeepFileHistory = 1
GenerateOverlapPrograms=0
GenerateLectureExcerSequence=0
ResetCourseHistoryweeks=0
ImportFISCoursesFormat=0
'Moodlesupport=0
PersonnelRecordsFullLines=0
'ExportCoursesFromPeriod=0
'CalendarFormatExecType=0
AllowBlockPausesSize=0
SupportCodeInTurnPart=1
ShowStudentsNumWithGroups=0
ShowOnlyLastRoomNamePartSize=10
CompatibilityModesElectLecturers=0
AddPauseAfterEachHour=0
IgnoreConflictIfEnoughHours=0
FindConflictsScheduleReservation=0
FindConflictsReservationReservation=1
SolveTurnFlagsCompatibility=1
TurnOffDetailedCourseInfo=0
DoNotDisplayCourseCodesOnSchedule=1
```

6. Making breaks/pauses by reservations or in Notepad

You can also set the break at the particular time every working day using reservations. It is possible by entering the reservation for each day in each room at the particular time (Edit → Rooms → Room's specifications). It is shown below:

Wise Timetable Release notes

After we set for example break from 15:00 to 15:30 every working day, here's how it will look like for one room:

Room's Specifications

Name: A-001

Seats: 30

Equipment: ☐ computers ☐ phono equipment

☒ Use Exclusively

City: (None)

Building: (None)

Priority (0 is highest): 0

Web reservations by: ☒ Professor ☒ Administrator ☒ Other

| | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|---------------|-----|-----|-----|-----|-----|-----|-----|
| 07:00 - 07:30 | | | | | | | |
| 07:30 - 08:00 | | | | | | | |
| 08:00 - 08:30 | | | | | | | |
| 08:30 - 09:00 | | | | | | | |
| 09:00 - 09:30 | | | | | | | |
| 09:30 - 10:00 | | | | | | | |
| 10:00 - 10:30 | | | | | | | |
| 10:30 - 11:00 | | | | | | | |
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| 21:00 - 21:30 | | | | | | | |
| 21:30 - 22:00 | | | | | | | |

22.10 - 28.10 (4)

Confirm Cancel

This procedure is needed to be done in every room in order to have breaks every day in the schedule.

7. Now is possible to choose which subject areas professor belongs to

In addition to all the information about the professor you could enter before, now in the version 5 you can also determine to which subject areas particular professor "belongs" and is able to teach. When entering a new teacher you can determine which subjects he belongs to, and later we can use this option to replace the teacher, when a professor in that field is absent from lectures, then with this option you can easily substitute teacher by picking some other professor from the same area (from area they both "belong" to). This is described on the picture bellow (in this case professor Andrew Altman):

Wise Timetable Release notes

Lecturer Specifications

Name: DAVID
Surname: COLE
Code: 12 / 35
E-Mail Address:
Include To Mailing List: ☐
Custom hours/day: 10
Default Room: (None)
Web Pages Code: 12 / 35
City: (None)
Notes:
Notification for web pages:
Copy to all other professors: ☐
Professor: ☒ Administrator: ☐ Other: ☐

Lecturer can teach the following (optional):
☒ Databases(Lecture 2)
 List of selected courses.
☐ Show only "Undefined" courses
☒ Show only checked
 Program: (All)
 Subject Area: (All)
 Year: (All)
 Confirm Cancel

Select the subject area in which this proctor can teach.

Select the program in which this lecturer can teach.

Select the year in which this proctor can teach.

On the other side of the screen of course field you can do the same thing - but to pick lecturers who can teach that particular course (in this case it is course "Databases"):

Course

Course Name: Databases
 Selectable: ☒
 Code:
 Areas: 2 Accounting for Management
 Stud. Num: 90
 Course Style: ☒ Periodical ☐ Modular
 Prerequisites: computers, phono equipment
 Course Type: ☒ lecture, ☐ lecture_BL, ☐ tutorial_BL, ☐ exercises_EQ, ☐ lecture_EQ, ☐ seminar, ☒ tutorial
 Sequential: ☐ In different days: ☐ Generate only this course: ☐
 Optimization Timeframe: Any Time
 Schedule:
 Add Delete
 Not Yet Inserted To Schedule
 Inserted To Schedule
 Mon Tue Wed Thu Fri Sat Sun
 Force free day after: ☐
 Confirm Cancel

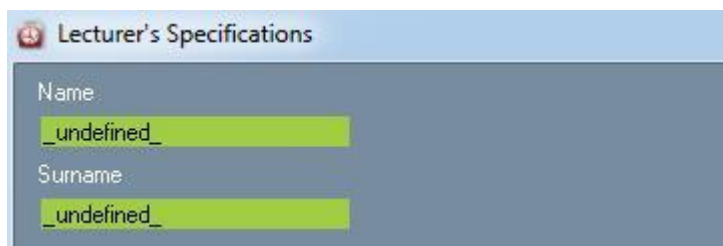
| Lecturers | Turns | Duration | Groups | Room |
|-----------|-------|----------|------------------------|------|
| BAKER | 1 | 3.5 | AFM2-1, AFM2-2, AFM2-3 | |

From: 11:10-7:10 (1) To: 23:9-23:9 (62)
 Start hour: 07:00
 Duration (x 30 min): 3.5
 All Turns: 1 Unallocated: 0
 Duration Details: Skip Pauses: ☐

Wise Timetable Release notes

8. _undefined_undefined_ option

It is now also possible to make a special lecturer whose name is _undefined_ and surname also _undefined_. This lecturer can be any other lecturer that can teach in that program, subject area or year. This option serves so software can find by itself lecturers who "belong" to that subject area and can teach some course, but if we pick lecturer _undefined_ _undefined_ for that course. When software finds appropriate real lecturer, that lecturer remains in that turn till the end of semester. Simply go to add new lecturer and follow these steps:

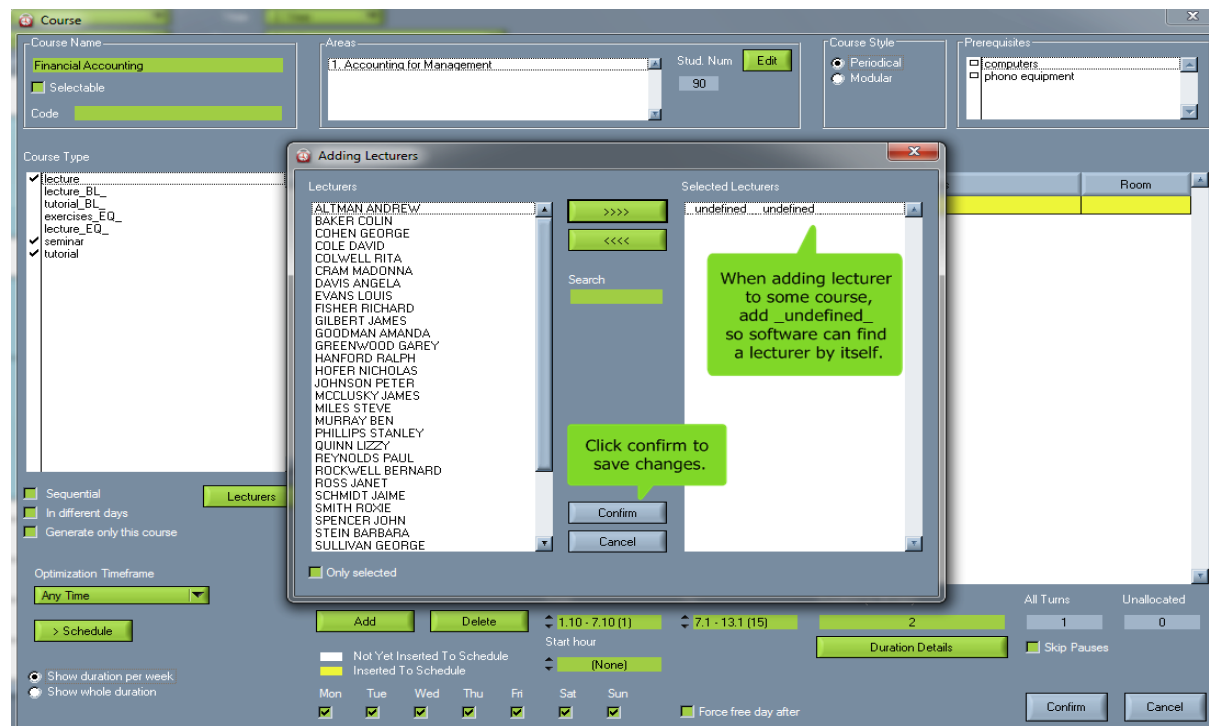


Lecturer's Specifications

Name:

Surname:

And when we are seeking for the lecturer who has time to teach some course or when we simply don't know at this moment who can teach it, than this virtual professor finds a lecturer who has more time to take this course. When adding new course, we can add undefined lecturer as follows:



Course

Course Name: Financial Accounting

Areas: 1. Accounting for Management

Course Style: Periodical

Prerequisites: computers, phono equipment

Course Type: ☒ lecture, ☒ lecture_EQ, ☒ seminar, ☒ tutorial

Optimization Timeframe: Any Time

> Schedule

Adding Lecturers

Lecturers: ALTMAN ANDREW, BAKER COLIN, COHEN GEORGE, COLE DAVID, COLWELL RITA, CRAM MADONNA, DAVIS ANGELA, EVANS LOUIS, FISHER RICHARD, GILBERT JAMES, GOODMAN AMANDA, GREENWOOD GAREY, HANFORD RALPH, HOFER NICHOLAS, JOHNSON PETER, MCCLUSKY JAMES, MILES STEVE, MURRAY BEN, PHILLIPS STANLEY, QUINN LIZZY, REYNOLDS PAUL, ROCKWELL BERNARD, ROSS JANET, SCHMIDT JAIME, SMITH ROXIE, SPENCER JOHN, STEIN BARBARA, SULLIVAN GEORGE

Selected Lecturers: _undefined_undefined_

When adding lecturer to some course, add _undefined_ so software can find a lecturer by itself.

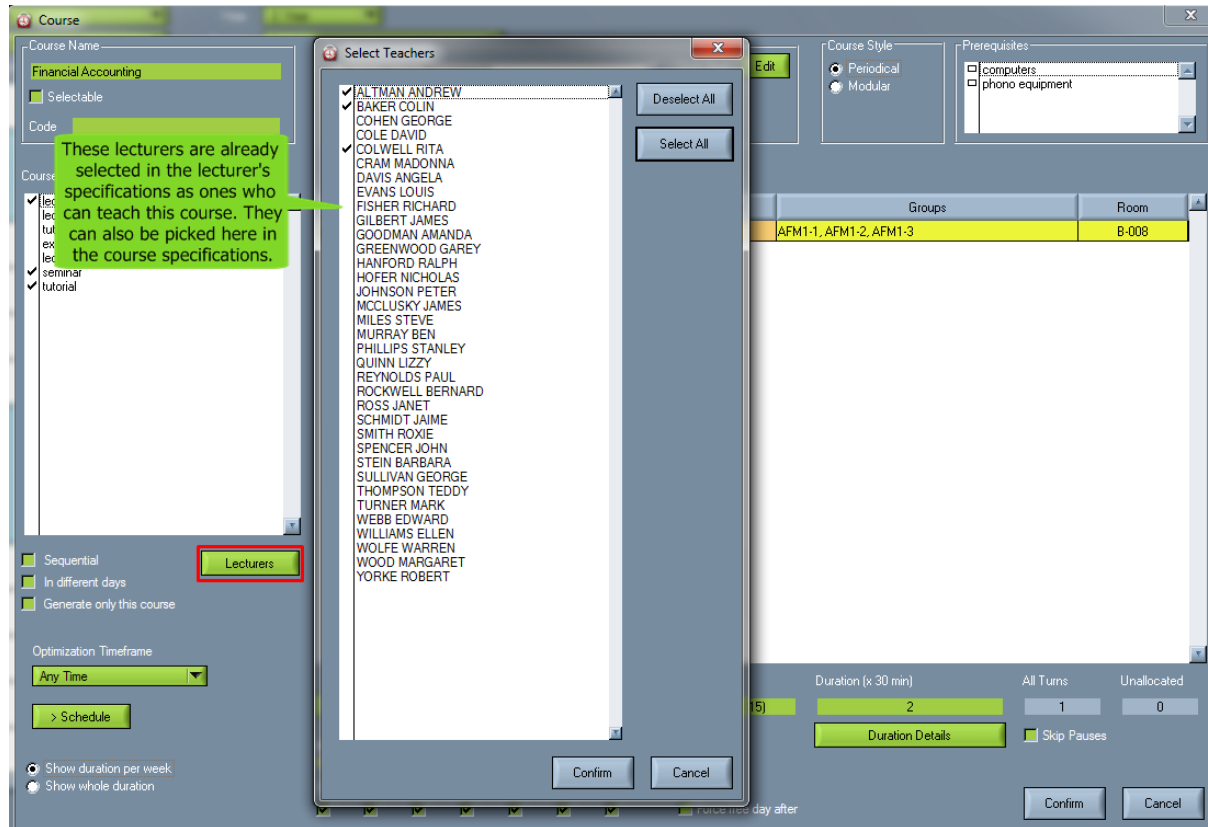
Click confirm to save changes.

Confirm

Cancel

Wise Timetable Release notes

There is also list of lecturers who are selected as ones that can teach this course, but we want to find the optimal one of them who has more free time than others by this "undefined" option. Here is how that list looks like with checked professors who could teach this course (in our case "Financial accounting"):



After next generation, the software will find a lecturer who has more time to teach this course and we will finally have a defined professor. Check what happened in our case: after setting _undefined_ _undefined_ professor for Financial Accounting, we generated the schedule again and software has found an optimal professor for this course instead of undefined one. In this case it is Mr. Altman who, as we can see, had more time to teach this course than other two professors.

9. Maximum hours per day for professors and groups

This general option allows you to set maximum number of hours for all professors and groups in general. Also to note, this option can be changed for each group of students or professor in their own specifications where by checking a box this option becomes ignored for a certain group or professor. Here is how it looks in a Miscellaneous --> Generation:

Wise Timetable Release notes

Miscellaneous

View **Export** **Generation** **General**

Primary Hours
From: 08:00 To: 16:00

Secondary Hours
From: 08:00 To: 19:00

Maximum Hours Per Day
Lecturers: 10 Groups: 10

Warn after professor reach weekly (hrs): 40

Select Location To Suite
Program

Maximum Travels Per Day
Lecturers: 0 Groups: 0

Num. Of Iterations: 1
Num. Of Iterations (Lecturers): 32
Num. Of Iterations (Groups): 32

☐ Mandatory break for students
Break after block (hrs): 4

☒ Generate also first weekend day
☒ Generate also second weekend day
☒ Allow Empty Day For Lecturers
☒ Allow M+N Lectures In Neighboring Days

Default **Confirm** **Cancel**

In the professor's or group's specifications, this general setting can be ignored and for a certain group/professor it can be set to have other number of daily working hours:

LECTURER'S SPECIFICATIONS:

Wise Timetable Release notes

Lecturer's Specifications

Name

Radoš

Surname

Beč

Code

25 / 42

E-Mail Address

☐ Include To Mailing List

Default Room

(None)

City

(None)

Custom hours/day: 10

Web Pages Code

25 / 42

Notes

| | Mon | Tue | Wed | Thu | Fri | Sat |
|---------------|-----|-----|-----|-----|-----|-----|
| 07:00 - 07:30 | | | | | | |
| 07:30 - 08:00 | | | | | | |
| 08:00 - 08:30 | | | | | | |
| 08:30 - 09:00 | | | | | | |
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| 20:00 - 20:30 | | | | | | |
| 20:30 - 21:00 | | | | | | |
| 21:00 - 21:30 | | | | | | |
| 21:30 - 22:00 | | | | | | |

GROUP'S SPECIFICATIONS:

Wise Timetable Release notes

Group Occupancy - MEN1-4

City: (None)

Web Pages Code:

☐ Ignore mandatory break

Custom hours/day: 10

| | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|---------------|-----|-----|-----|-----|-----|-----|-----|
| 07:00 - 07:30 | | | | | | | |
| 07:30 - 08:00 | | | | | | | |
| 08:00 - 08:30 | | | | | | | |
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| 21:00 - 21:30 | | | | | | | |
| 21:30 - 22:00 | | | | | | | |

18.2 - 24.2 (21)

Confirm Cancel

10. Substitutions

Substitutions is the separated topic in Tools section where it is possible to make, manage and view substitutions for all professors that are unable to attend their lectures and work their hours during one or more days, when the whole schedule is already made. You can activate the window of Substitutions by clicking F12 function on the keyboard from the main screen of Wise Timetable application. Main window of Substitutions looks exactly as the following picture:

Wise Timetable Release notes

Substitutions

Absent professor:
Gotal Robert

Select period:
☒ Today ☐ Tomorrow ☐ This week ☐ Other - define dates:

From hour: 07:00
To hour: 22:00

From date: 26.06.2014
To date: 26.06.2014

Obligations in selected period:

Search results - select substitution:

| Name | All hours | Hours in period | Reliefs until now | Reliefs in period |
|------|-----------|-----------------|-------------------|-------------------|
|------|-----------|-----------------|-------------------|-------------------|

Filter:

Together: Substituted:

Buttons: Confirm & Next, Confirm, Cancel

Callouts:

- Choose one of defined periods of absence or set your own with time intervals.
- Name of absent professor who needs a substitution.
- Click 'search' and software will list available lecturers for substitution.
- Set time of absence.
- Set dates of absence.
- Enter a name and surname of a specific professor to filter the search.
- Here are listed all of obligations of absent professor for which the substitution is needed. With clicking on each, professors in a search list change.
- Click 'show all' if you want program to list all professors.
- Number of all hours for substitution.
- Number of substituted hours.
- Click 'Confirm&Next' to save settings if there are more absent lecturers, click 'Confirm' to save settings only for this absent lecturer, and click 'Cancel' to cancel the substitution.

Absent professor

Here you can find a professor from the list of all professors who is absent and needs a substitution for his activities and obligations during the period of absence.

Wise Timetable Release notes

Substitutions

Absent professor:
Babić Mate

SEARCH

Search results - select substitution:

| Name |
|------|
|------|

Show All

Antunović Matijas
✓ Babić Mate
Bagić Petar
Bajtela Zdenko
Beč Radoš
Betlehem Darko
Blažević Goran
Bonić Mirko
Briblić Marija
Brečić Andrija
Čiković Tomislav
Čoso Krešimir
Čurković Tomislav
Eršte Luka
Galić Mate
Gotai Robert
Gvozdić Milan
Habajec Maja
Ilijašić Marijan
Jović Tomislav
Klarić Nikola
Kolovrat Danijel
Kovačević Mirko
Kušić Drago
Marković Branimir
Musić Nemin
Petrović Tomislav
Pongrac Davorin
Prihital Ivan
Princip Mario
Ptičar Damir
Rogić Damir
Seničić Mladen
Sriča Zoran
Sudar Domagoj

Other - define dates:
From date:
26.06.2014
To date:
26.06.2014

Reliefs until now | Reliefs in period

Filter: | Toggle

Select period

Here you can choose a defined period of absence for a certain professor. If none of them matches, choose 'Other-define dates', and define bellow time and date of your preference. Default setting is 'Today'.

Select period:

☒ Today ☐ Tomorrow ☐ This week ☐ Other - define dates:

From hour: 07:00 From date: 26.06.2014

To hour: 22:00 To date: 26.06.2014

Time and date can be set in settings shown in the following picture:

Wise Timetable Release notes

Select period:

☒ Today ☐ Tomorrow ☐ This week ☐ Other - define dates:

From hour: 07:00 From date: 26.06.2014

To hour: 22:00 To date: 26.06.2014

All hours Hours in period Reliefs until now Reliefs in period

Search results

Here is a list of all professors that are available to substitute the professor who is absent.

Obligations in selected period

Here are listed all of obligations of absent professor during whole period of absence.

Show all

Check this box if you want software to show all professors that are available for chosen substitution, regardless if they teach certain subject or not. If it remains unchecked, only professors that can teach chosen subject will be in the list. This option is in down-left part of the Substitution window.

☒ Show All

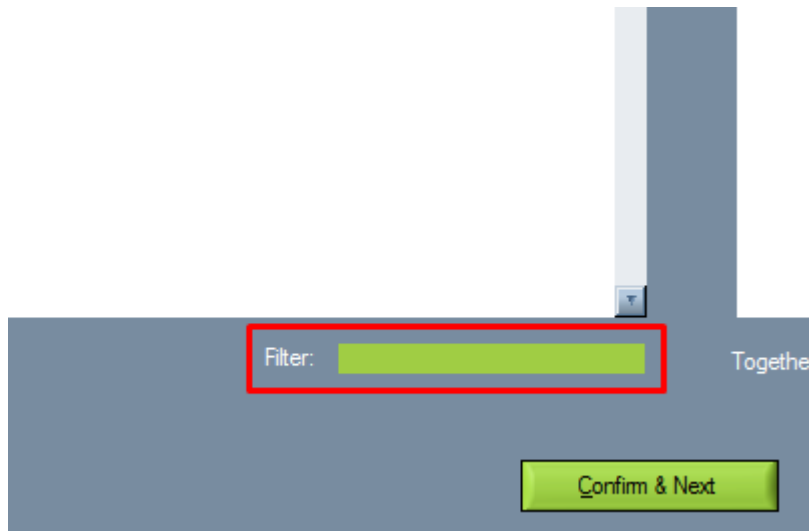
Filter: Togeth

Confirm & Next

Wise Timetable Release notes

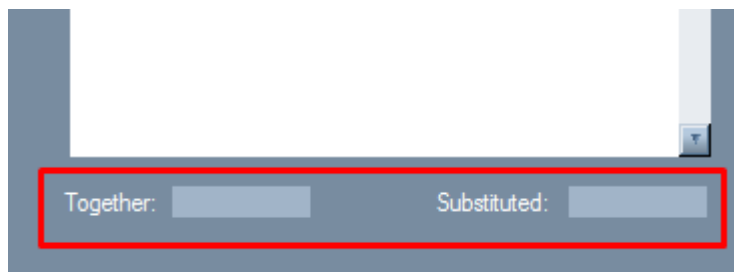
Filter

In this field, you can shorten the search if you are looking for a particular professor and write down his/her name and surname, and the software will look for only that professor.

A screenshot of a software interface showing a 'Filter:' label followed by a green text input field. A red rectangular box highlights the input field. To the right of the input field, the word 'Together' is partially visible. Below the input field is a green button labeled 'Confirm & Next'.

Together & Substituted

Together represents the number of all hours that need to be substituted. **Substituted** represents the number of hours that are already substituted.

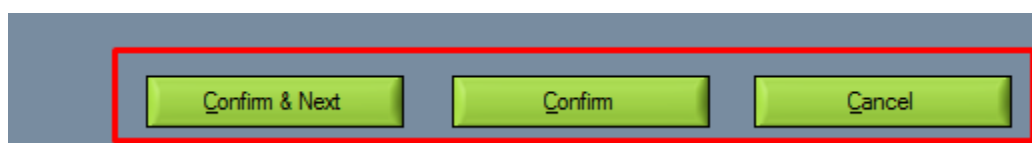
A screenshot of a software interface showing two input fields. The first field is labeled 'Together:' and the second is labeled 'Substituted:'. Both fields are highlighted by a red rectangular box. The input fields are light blue.

Confirm&Next, Confirm, Cancel

Click on 'Confirm&Next' if you want to save settings for one absent professor and go on settings for other absent professor.

Click on 'Confirm' if you want to save settings for one absent professor.

Click on 'Cancel' if you don't want to save changes.

A screenshot of a software interface showing three green buttons: 'Confirm & Next', 'Confirm', and 'Cancel'. A red rectangular box highlights all three buttons.

11. Different displays of lecturer's obligations

There are two options to see lecturer obligations:

- Choose view by lecturer and a lecturer whose obligations you want to see (in our example it is Professor David Cole). Then click the Obligations button in the tool bar.
- Choose Edit | Lecturers in the menu and a lecturer whose obligations you want to see. Then click the Obligations button.

All the lecturer's courses are listed in the Course column.

The course type (e.g. lecture, seminar, exercise) is written in the Type column.

The number of turns that attend this course by this lecturer is written in the Turns column.

The number of hours per week for all turns is written in the Hours column. E.g. 1-15:2 mean that the lecturer has 2 hours per week from the 1st until the 15th week. 1-15:1+1 means that the lecturer has two times 1 hour per week from the 1st until the 15th week.

The number of anticipated hours for the entire school year and, in brackets, the number of allocated hours for the entire school year is written in the column all hours. Numbers are decimal because of the possibility to have 30 minutes long turns which is half of one hour.

In the upper right corner of the anticipated hrs field, the number of all anticipated hours for all courses that a lecturer gives is written.

In the Allocated hrs field, the number of the allocated hours for the courses that a lecturer gives and are inserted in the timetable is written.

Click the Print button to print the list of group obligations.

Wise Timetable Release notes

Lecturer's Obligations

DAVID COLE Select lecturer.

Anticipated Hrs. 672.0 Allocated Hrs. 672.0

The number of all anticipated hours. The number of all allocated hours.

| Course | Type | Turns | Hours | All Hours |
|--|----------|-------|----------|---------------|
| IT and Web Development - su (P/undergraduate,2:Accounting for Management) | lecture | 1 | 21-36:2 | 32.0 (32.0) |
| IT and Web Development - su (P/undergraduate,2:Accounting for Management) | tutorial | 1 | 21-36:2 | 32.0 (32.0) |
| Principles of Microeconomics (P/undergraduate,1,2:Business and Management,Accounting for Management) | lecture | 1 | 1-15:2+2 | 60.0 (60.0) |
| Effective Teamwork (P/undergraduate,2,3:Business Computing and IT,Accounting for Management) | lecture | 2 | 1-15:2 | 60.0 (60.0) |
| Effective Teamwork (P/undergraduate,2,3:Business Computing and IT,Accounting for Management) | tutorial | 4 | 1-15:2 | 120.0 (120.0) |
| French - s (P/undergraduate,1,2:Accounting for Management,Business Computing and IT,Business Research and Consultancy) | tutorial | 5 | 21-36:1 | 80.0 (80.0) |
| Management of Taxation (P/undergraduate,3:Accounting for Management) | tutorial | 1 | 21-36:2 | 32.0 (32.0) |
| Financial Management for International Business (P/undergraduate,3:Business and Management) | tutorial | 6 | 1-15:2 | 180.0 (180.0) |
| IT in Business (P/undergraduate,3:Business and Management) | lecture | 2 | 1-15:2 | 60.0 (60.0) |
| Systems Analysis Project (P/undergraduate,2:Business Computing and IT) | seminar | 1 | 21-36:1 | 16.0 (16.0) |

Program detail, year details and subject area details.

The list of courses this lecturer is teaching.

Course type. Number of turns this course has. The number of hours by weeks for all turns. Number of hours for the entire school year.

Click to print lecturer's obligations.

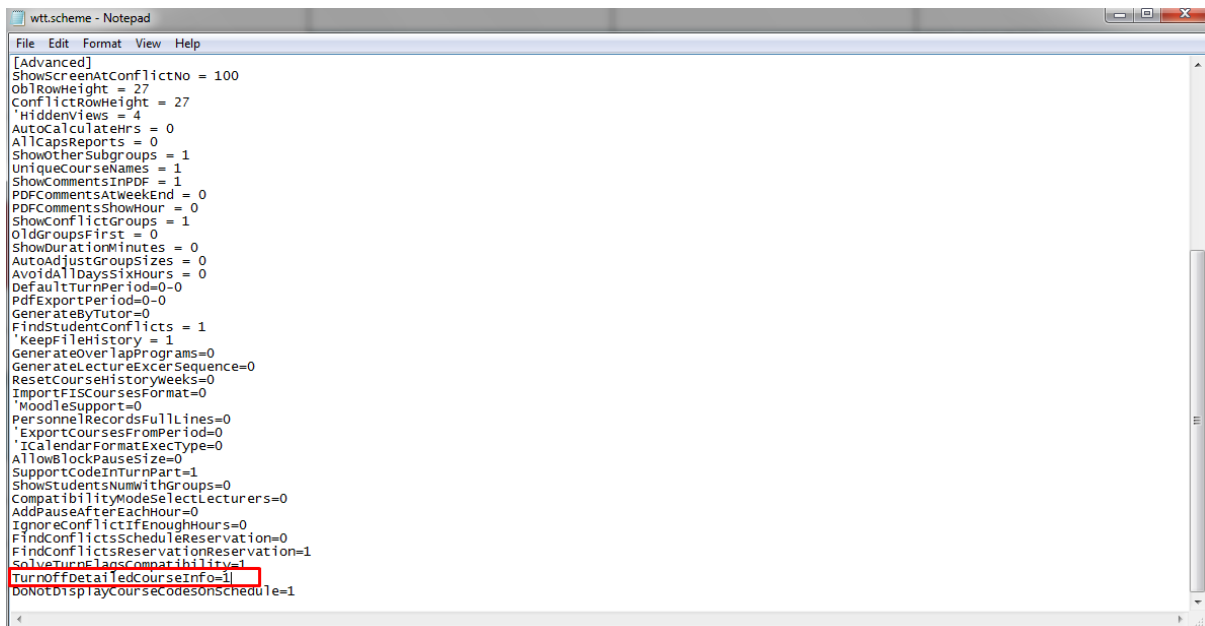
Not Yet Inserted To Schedule (white)
Inserted To Schedule (yellow)

Print Close

The courses painted in yellow have all of the planned hours scheduled in the timetable. For the ones painted in white some extra hours need to be scheduled.

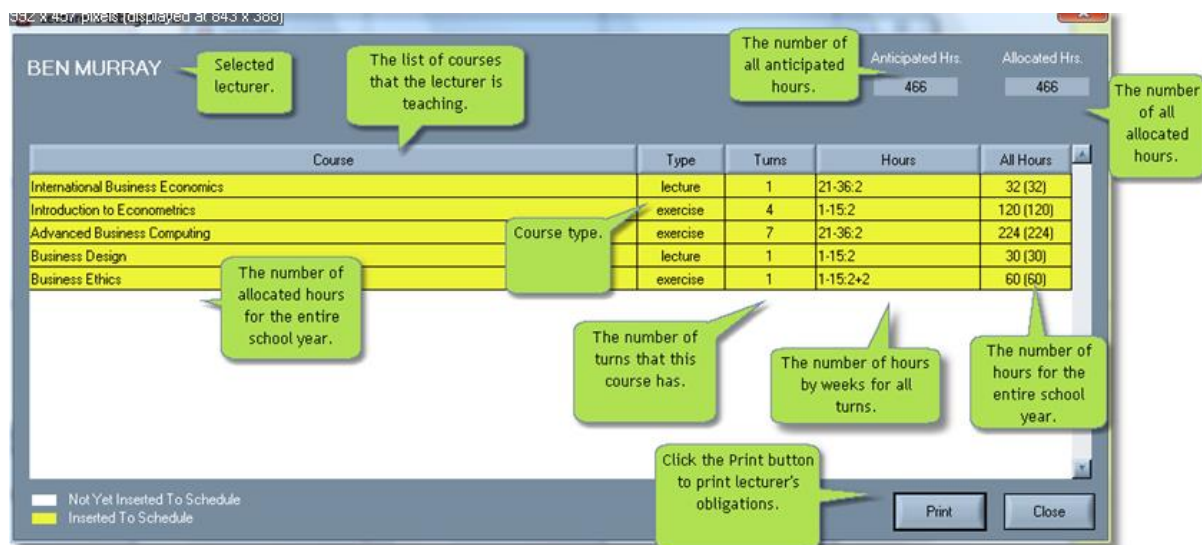
There is detailed view of courses taught by this professor which includes program details, year details and subject area details. Those details have the explanatory nature to tell us where exactly belongs that particular course. You can turn on or off this detailed view of courses in the WTT notepad file (Program files → Wise Timetable → wtt.scheme) in the following way: put equal to 1 if you don't want detailed info of courses or put equal to 0 if you want it though. Here's how it looks like in the notepad file (in our case it is turned off):

Wise Timetable Release notes



```
File Edit Format View Help
[Advanced]
ShowScreenAtConflictNo = 100
ob1RowHeight = 27
ConflictRowHeight = 27
HiddenViews = 4
AutoCalculateHrs = 0
AllCapsReports = 0
ShowOtherSubgroups = 1
UniqueCourseNames = 1
ShowCommentsInPDF = 1
PDFCommentsAtWeekEnd = 0
PDFCommentsShowHour = 0
ShowConflictGroups = 1
OldGroupsFirst = 0
ShowDurationMinutes = 0
AutoAdjustGroupSizes = 0
AvoidAllDaysSixHours = 0
DefaultTurnPeriod=0-0
PdfExportPeriod=0-0
GenerateByTutor=0
FindStudentConflicts = 1
KeepFileHistory = 1
GenerateOverlapPrograms=0
GenerateLectureExcerSequence=0
ResetCourseHistoryWeeks=0
ImportFISCoursesFormat=0
MoodleSupport=0
PersonnelRecordsFullLines=0
ExportCoursesFromPeriod=0
ICalendarFormatExcerptType=0
AllowBlockPauseSize=0
SupportCodeInTurnPart=1
ShowStudentsNumWithGroups=0
CompatibilityModeSelectLecturers=0
AddPauseAfterEachHour=0
IgnoreConflictIfEnoughHours=0
FindConflictsSchedulerReservation=0
FindConflictsReservationReservation=1
SolveTurnFlagsCompatibility=1
TurnOffDetailedCourseInfo=1
DoNotDisplayCourseCodesOnSchedule=1
```

If detailed view of courses is turned off in notepad file, here is how it looks like without it (in this case we have chosen by accident other professor's example - Mr. Ben Murray):



BEN MURRAY

Selected lecturer.

The list of courses that the lecturer is teaching.

The number of all anticipated hours.

Anticipated Hrs. 466

Allocated Hrs. 466

The number of all allocated hours.

| Course | Type | Turns | Hours | All Hours |
|----------------------------------|----------|-------|----------|-----------|
| International Business Economics | lecture | 1 | 21-36.2 | 32 (32) |
| Introduction to Econometrics | exercise | 4 | 1-15.2 | 120 (120) |
| Advanced Business Computing | exercise | 7 | 21-36.2 | 224 (224) |
| Business Design | lecture | 1 | 1-15.2 | 30 (30) |
| Business Ethics | exercise | 1 | 1-15.2+2 | 60 (60) |

The number of allocated hours for the entire school year.

Course type.

The number of turns that this course has.

The number of hours by weeks for all turns.

The number of hours for the entire school year.

Click the Print button to print lecturer's obligations.

Print Close

Not Yet Inserted To Schedule
Inserted To Schedule

12. Lecturer's obligations – displayed turns do not count into the sum of all

This is another great option which makes now using Wise Timetable even easier. If some of the activities in the schedule are disabled, the program will take into account that certain activities are not fulfilled and we will deduct the required information without blocking performance, hence we get the exact information

Wise Timetable Release notes

about the lecturer's anticipated activities. The following picture shows the situation when there is no disabled activity of some professor (in our case Mr. Andrew Altman):

The screenshot displays the 'Lecturer's Obligations' window for Mr. Andrew Altman. The top section shows a timetable grid for Monday (22.10), Tuesday (23.10), and Wednesday (24.10). The grid shows two activities: 'Business Design, tutorial, ALTMAN, B-003' (BAM3-1) on Monday and 'Business Design, tutorial, ALTMAN, B-003' (BAM3-5) on Wednesday. A green callout bubble points to the Monday activity, stating: 'The activity of this professor is not disabled.'

The bottom section shows the 'Lecturer's Obligations' table for Mr. Andrew Altman. The table has columns: Course, Type, Turns, Hours, and All Hours. The data is as follows:

| Course | Type | Turns | Hours | All Hours |
|---|----------|-------|---------|---------------|
| Intellectual Property (P/undergraduate,1:Business and Management,Business Computing and IT) | lecture | 7 | 21:36:2 | 224.0 (224.0) |
| Business Design (P/undergraduate,3:Business and Management) | tutorial | 6 | 1-15:2 | 180.0 (180.0) |

A green callout bubble points to the 'All Hours' column for the 'Business Design' row, stating: 'Number of allocated hours including this activity.'

And the following picture shows the situation where there is one disabled activity of a particular professor (in this case the activity of course "Business Design" and same professor Mr. Andrew Altman):

The screenshot displays the 'Lecturer's Obligations' window for Mr. Andrew Altman. The top section shows a timetable grid for Monday (22.10), Tuesday (23.10), and Wednesday (24.10). The grid shows two activities: 'Business Design, tutorial, ALTMAN, B-003' (BAM3-1) on Monday and 'Business Design, tutorial, ALTMAN, B-003' (BAM3-5) on Wednesday. A green callout bubble points to the Monday activity, stating: 'Disabled activity of one turn from this professor.'

The bottom section shows the 'Lecturer's Obligations' table for Mr. Andrew Altman. The table has columns: Course, Type, Turns, Hours, and All Hours. The data is as follows:

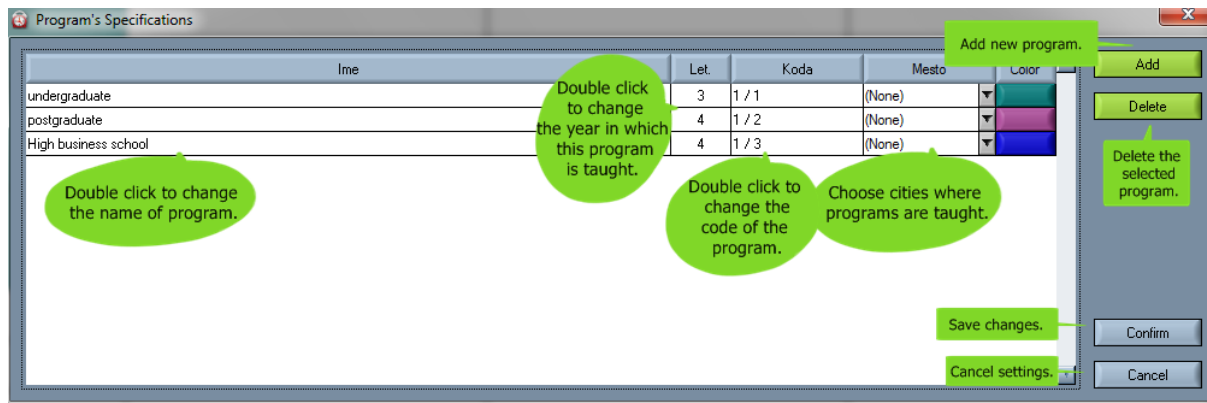
| Course | Type | Turns | Hours | All Hours |
|---|----------|-------|---------|---------------|
| Intellectual Property (P/undergraduate,1:Business and Management,Business Computing and IT) | lecture | 7 | 21:36:2 | 224.0 (224.0) |
| Business Design (P/undergraduate,3:Business and Management) | tutorial | 6 | 1-15:2 | 178.0 (178.0) |

A green callout bubble points to the 'All Hours' column for the 'Business Design' row, stating: 'The disabled turn is excluded from the allocated hours of this professor.'

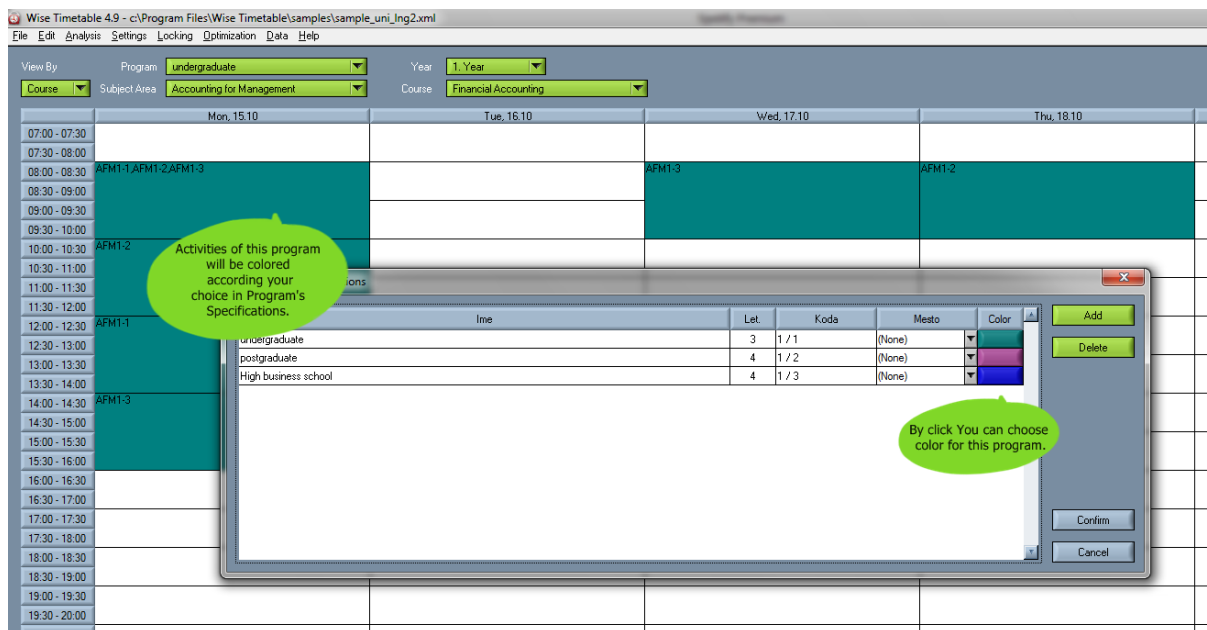
Wise Timetable Release notes

13. Every program can have different color attached

Add, edit or remove programs and the number of years they are taught. Also, now in the new version you have the ability assign special color to some program.

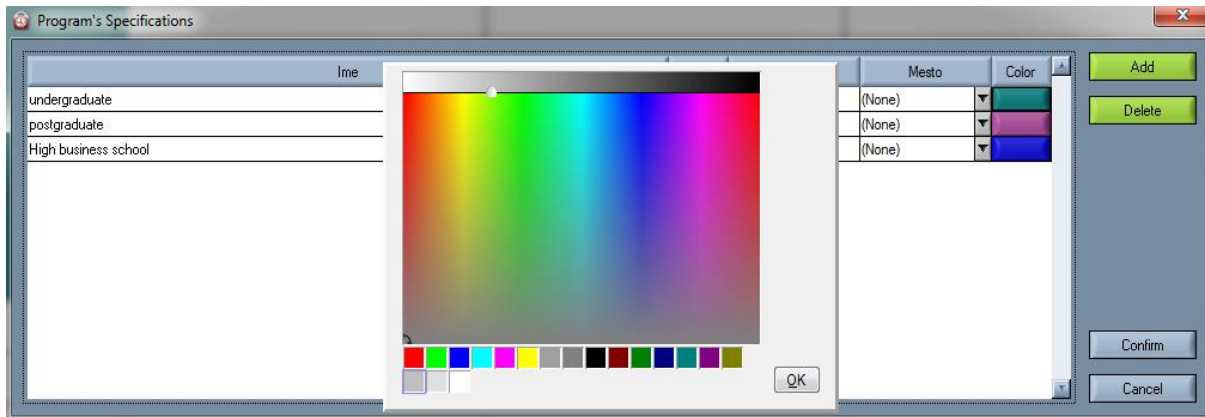


Activities from a particular program can be colored in the schedule with its' own color.



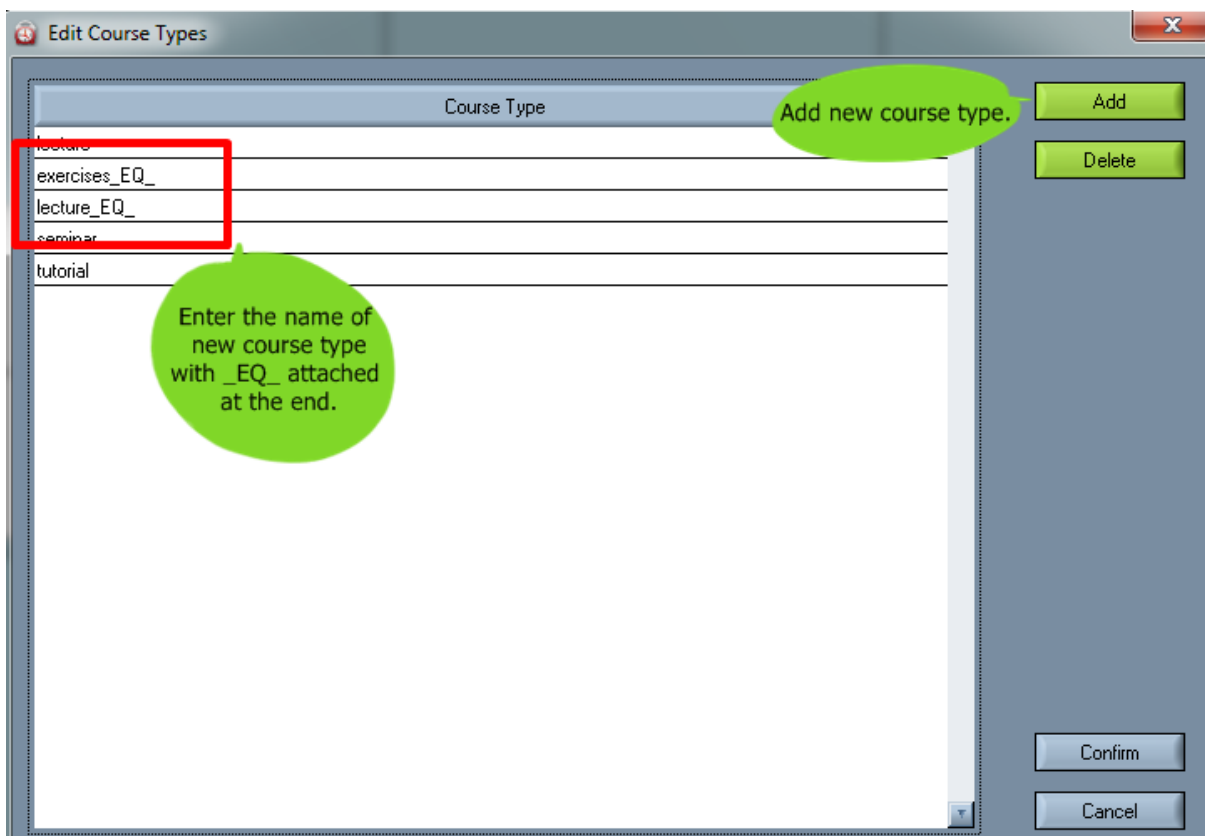
When you click on the "Color" label in Program's Specifications, the following window shows up (so you can choose the exact color of that program):

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14. _EQ_ option

This option is also something new and means that the automatic generation will insert all course types with this sign in the same time slot (intentional overlays), in rooms which are defined for the particular course type. Allocation in the same time slot will be done for all course types with the sign "_EQ_". For the use of this sign you have to define the preferred room. You can set this option in the Settings --> Course types, adding new course type with _EQ_ attached at the end, as you can see on the picture below:



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This allows you to make intentional overlays in some course between two course types, whatever course it is - as seen on this picture below:

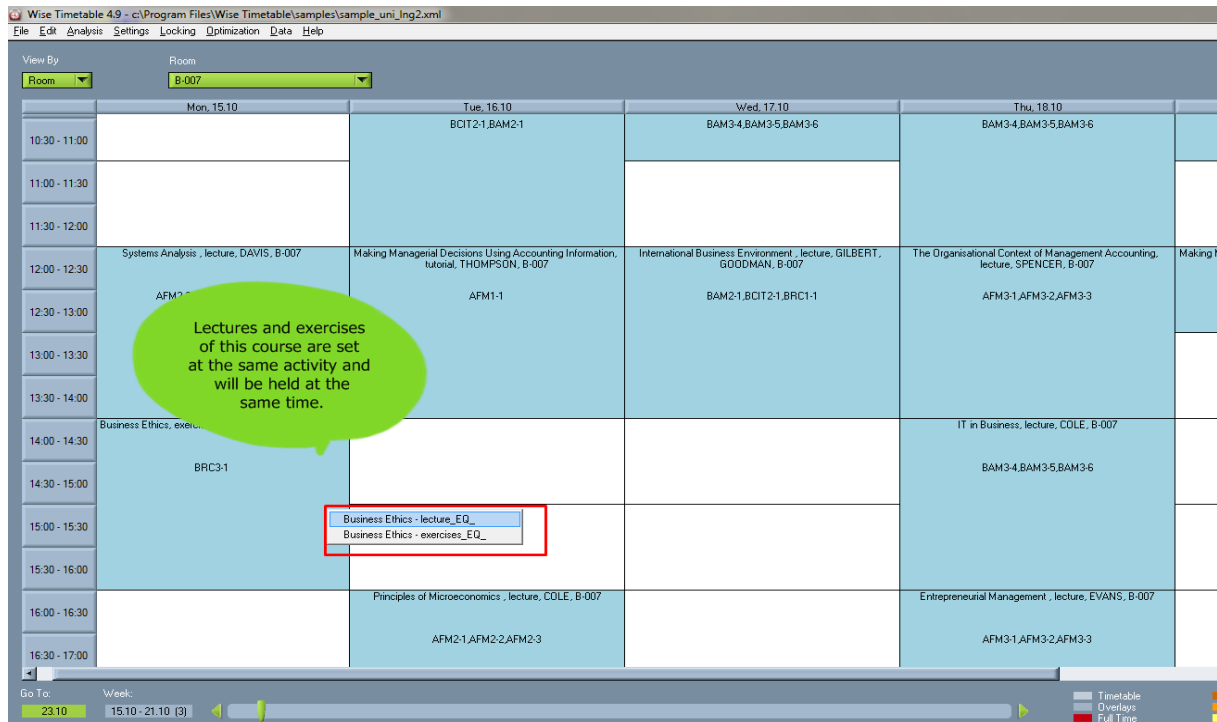
The 'Course' window displays the following configuration:

- Course Name:** Business Ethics (highlighted with a red box)
- Selectable:** ☐
- Code:** [Empty field]
- Areas:** 3 Business Research and Consultancy
- Stud. Num:** 30
- Course Style:** Periodical (selected), Modular
- Prerequisites:** computers, phono equipment
- Course Type:** ☒ lecture, ☒ exercises_EQ_ (highlighted with a red box), ☒ lecture_EQ_, ☒ seminar, ☒ tutorial
- Sequential:** ☐ Sequential, ☐ In different days, ☐ Generate only this course
- Optimization Timeframe:** Any Time
- > Schedule** button
- Legend:** ☐ Not Yet Inserted To Schedule, ☒ Inserted To Schedule
- Days:** Mon, Tue, Wed, Thu, Fri, Sat, Sun (all checked)
- Force free day after:** ☐
- From:** 1.10 - 7.10 (11)
- To:** 23.9 - 29.9 (52)
- Start hour:** 07:00
- Duration (x 60 min):** 2
- Duration Details** button
- Unallocated:** 0
- Buttons:** Add, Delete, Confirm, Cancel

A green callout bubble with the text "Click confirm to save settings." points to the Confirm button.

After all this is finished, the intentional overlay is done, and you can check how that activity looks like in the schedule (in our case course is Business Ethics):

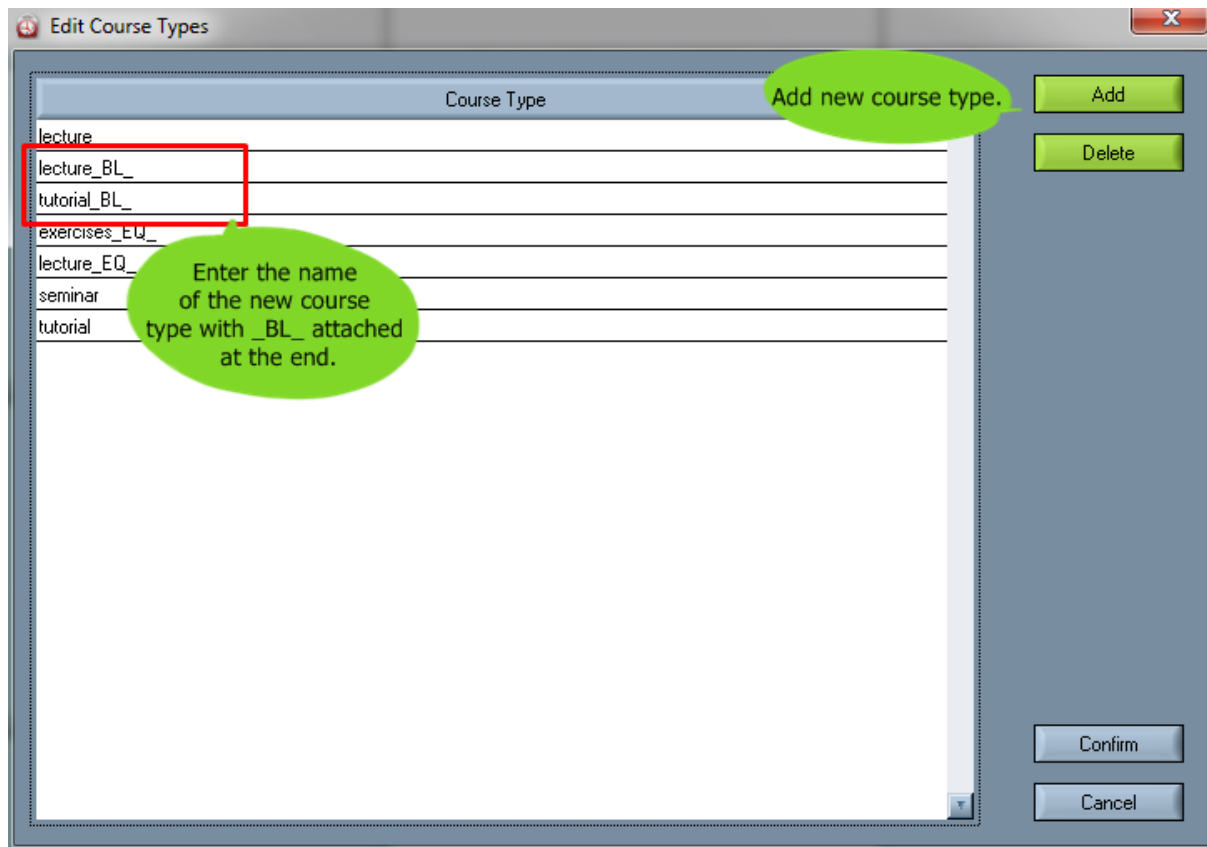
Wise Timetable Release notes



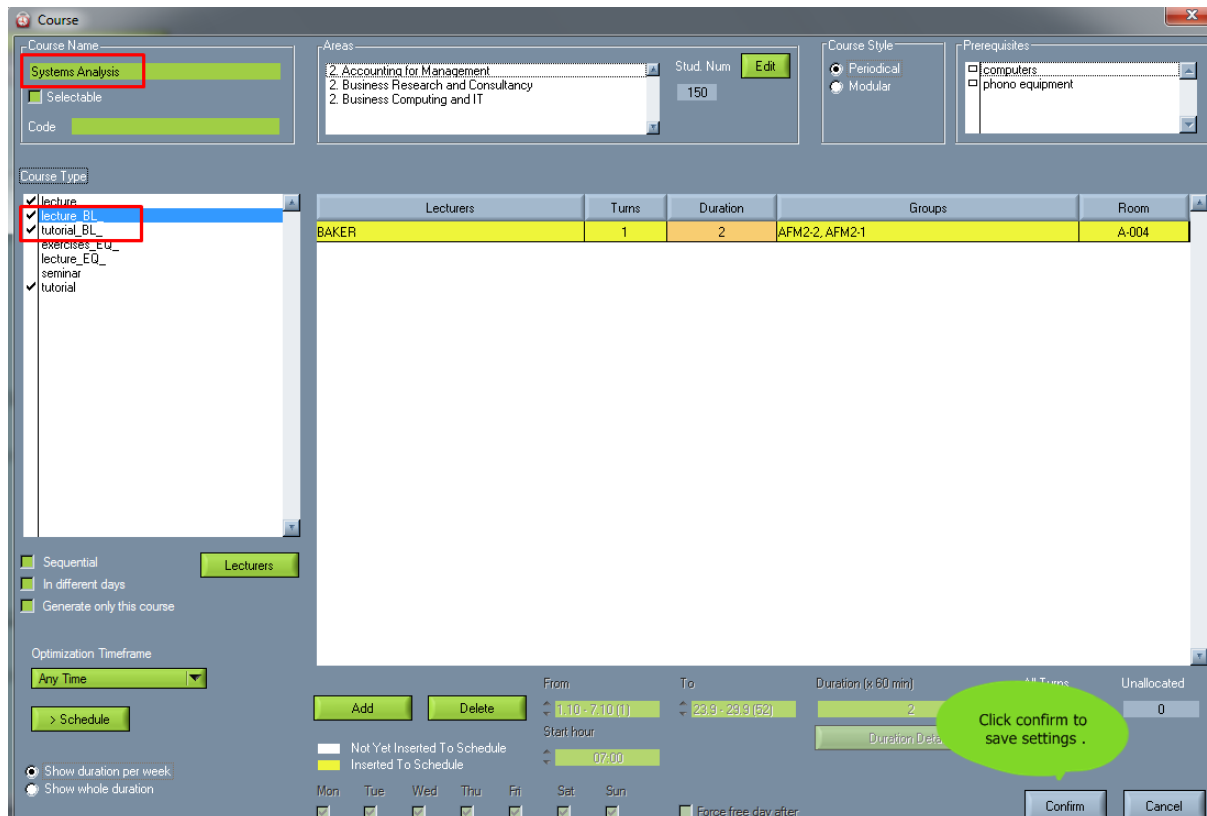
15. _BL_ option

In addition to _EQ_ option, this new option/sign is used for consecutive course segments. This means that course types with this signs are scheduled (with automatic generation) in consecutive time slots - immediately one after another. It allows you to always schedule tutorials immediately after lectures. This setting (as _EQ_ setting) is possible only within the same course but between different course types in that course.

Wise Timetable Release notes

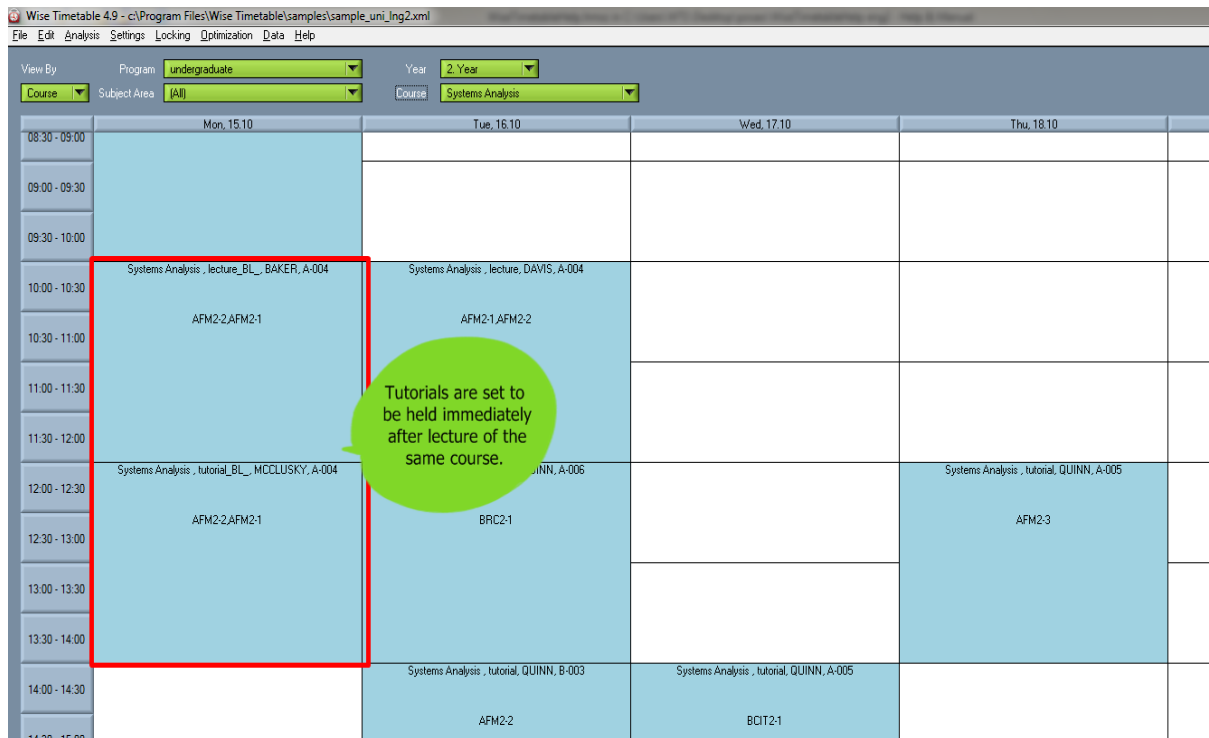


This allows you to make intentionally tutorial to be held immediately after lecture in some course, whatever course it is - as seen on this picture bellow:



Wise Timetable Release notes

After this setting is done, generate your schedule so you can check how that activity looks like in the schedule (in our case the course is Systems Analysis), tutorials are immediately set after lectures:



Wise Timetable 4.9 - c:\Program Files\Wise Timetable\samples\sample_unit2.xml

File Edit Analysis Settings Locking Optimization Data Help

View By: Program: undergraduate Year: 2 Year

Course: Subject Area: [All] Course: Systems Analysis

| | Mon, 15.10 | Tue, 16.10 | Wed, 17.10 | Thu, 18.10 |
|---------------|--|---|---|---|
| 08:30 - 09:00 | | | | |
| 09:00 - 09:30 | | | | |
| 09:30 - 10:00 | | | | |
| 10:00 - 10:30 | Systems Analysis , lecture, BL_ BAKER, A-004 | Systems Analysis , lecture, DAVIS, A-004 | | |
| 10:30 - 11:00 | AFM2-2,AFM2-1 | AFM2-1,AFM2-2 | | |
| 11:00 - 11:30 | | | | |
| 11:30 - 12:00 | | | | |
| 12:00 - 12:30 | Systems Analysis , tutorial, BL_ MCCLUSKY, A-004 | Systems Analysis , tutorial, QUINN, A-006 | | Systems Analysis , tutorial, QUINN, A-005 |
| 12:30 - 13:00 | AFM2-2,AFM2-1 | BRC2-1 | | AFM2-3 |
| 13:00 - 13:30 | | | | |
| 13:30 - 14:00 | | | | |
| 14:00 - 14:30 | | Systems Analysis , tutorial, QUINN, B-003 | Systems Analysis , tutorial, QUINN, A-005 | |
| 14:30 - 15:00 | | AFM2-2 | BCIT2-1 | |

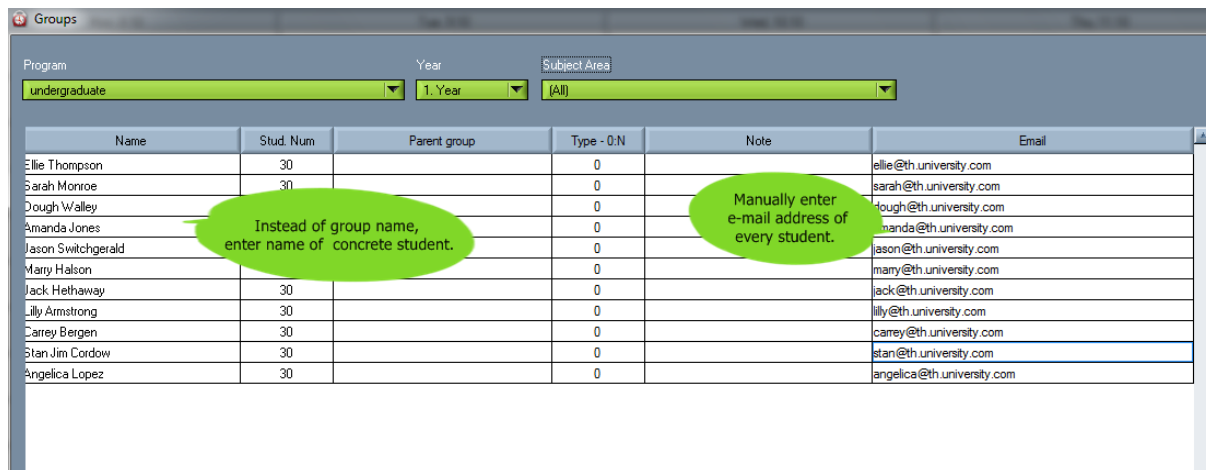
Tutorials are set to be held immediately after lecture of the same course.

16. Send schedules to students/groups by emails

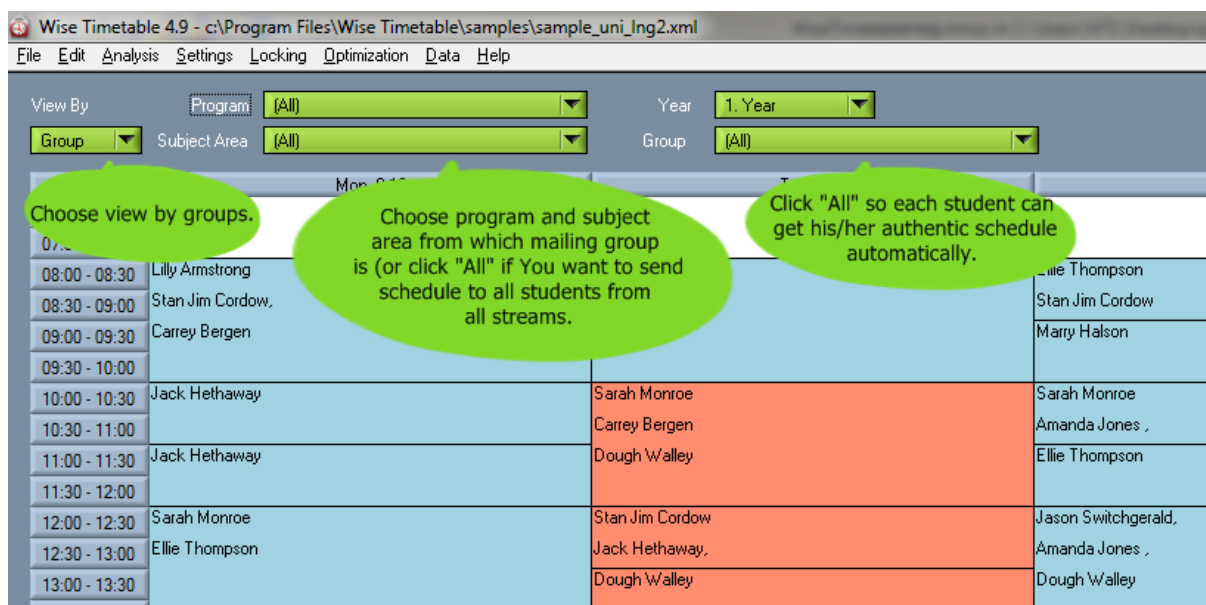
16.1. Send schedule to all of students

The field of group can actually be the concrete name of the student (if faculty has small number of students), so every student can get his/her own schedule. When you enter a student, in the field of E-mail that is located on the right side of the window - enter his/her e-mail, as seen on the picture bellow.

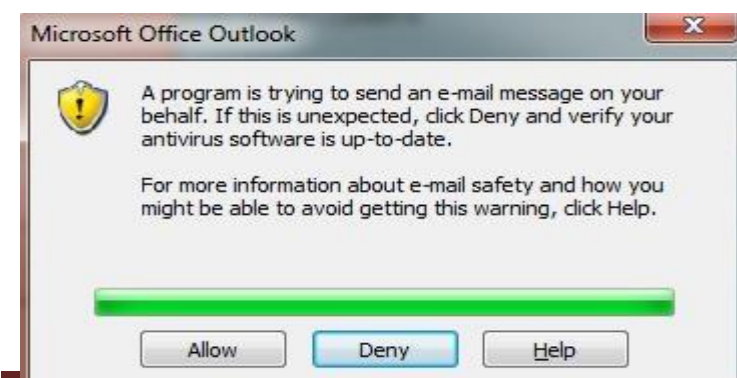
Wise Timetable Release notes



In a case you want to send schedules by e-mail to all of students from some subject area or program (or to all subject areas and programs) - than choose the 'Group' view of schedule and set the list of students from whatever programs and subject areas you want to send e-mails to, as following picture shows:



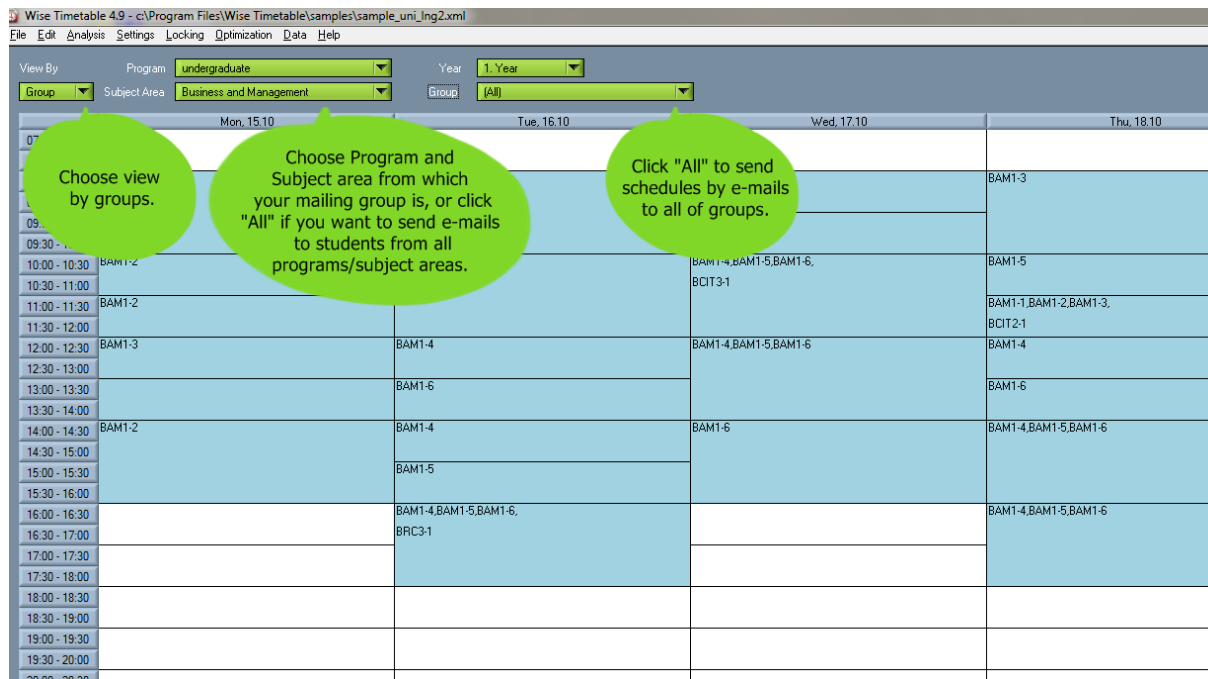
After all this is done, go to the File menu. There is option called "Send to Recipient". After click on that option, the following window will show up:



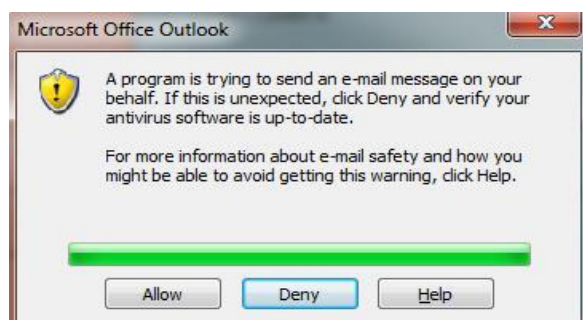
Wise Timetable Release notes

16.2. Send e-mails to all of groups

The same could be done if we have a lot of students divided into groups, where each group has its' own group e-mail. So if you want to send e-mails to all of groups from some subject area or program (or to all subject areas and programs) choose the GROUP view of schedule and set the list of groups from whatever programs and subject areas you want to send e-mails to, as following picture shows:



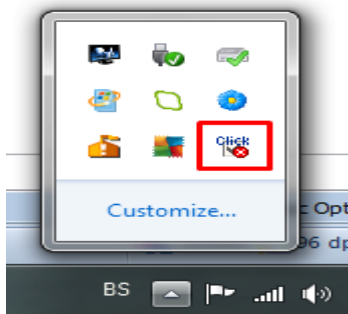
After all this is done, go to the File menu. There is option called "Send to Recipient". After click on that option, the following window will show up:



If you click "Allow", a program will send an email from your outlook e-mail address to each student in this list of groups, and each student will receive his/her own schedule and iCalendar incorporated schedule. In case you don't want to click YES every time this window appears – we recommend you to download freeware application from Wise Timetable installation directory (ClickYesSetup.exe), which clicks

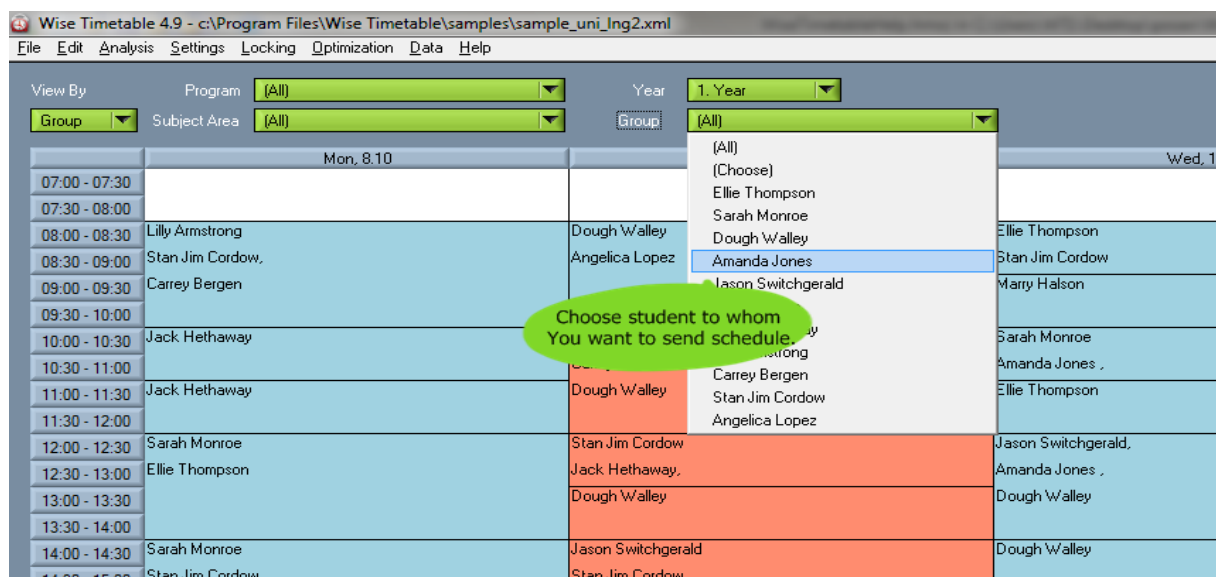
Wise Timetable Release notes

automatically YES buttons for you. When installed, it will be available in the toolbar anytime you want to turn it on/off - only by double clicking on this icon, as shown further:



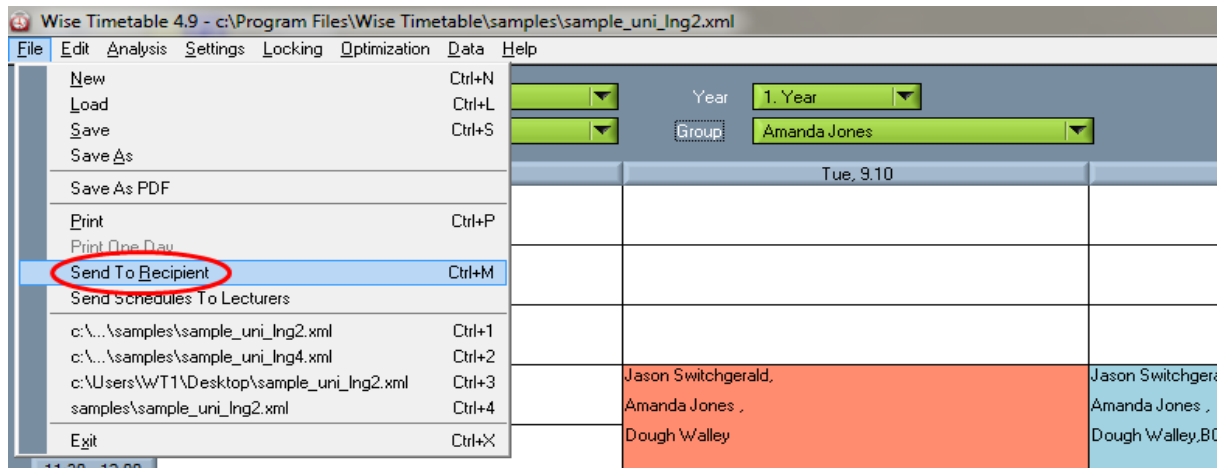
16.3. Send individual schedule to one student

If we want to send schedule to group/student on the main screen and clicking on view in the group, then we have also the ability to send schedules via E-mail, individually for each student in different programs or subject areas. To individually send e-mails to students, select student as illustrated example Amanda Jones.

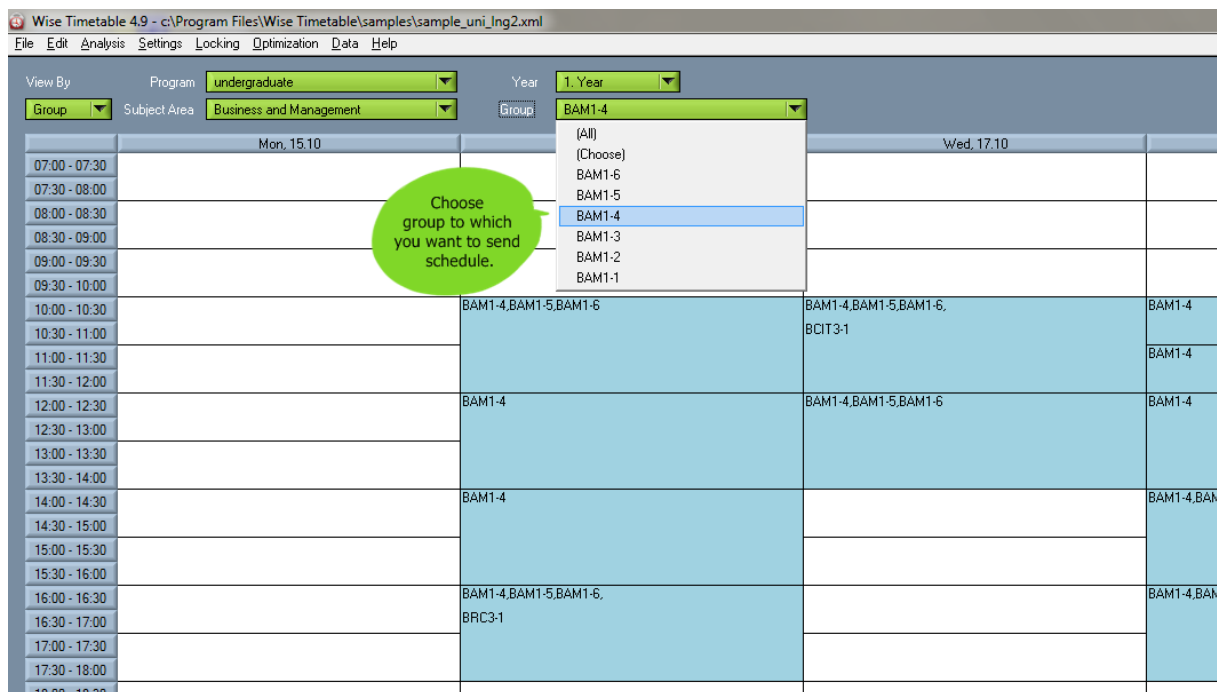


Then click on the main menu to "File" and then click "Send to recipient", and application Wise Timetable sends automatically E-mail to a selected student.

Wise Timetable Release notes

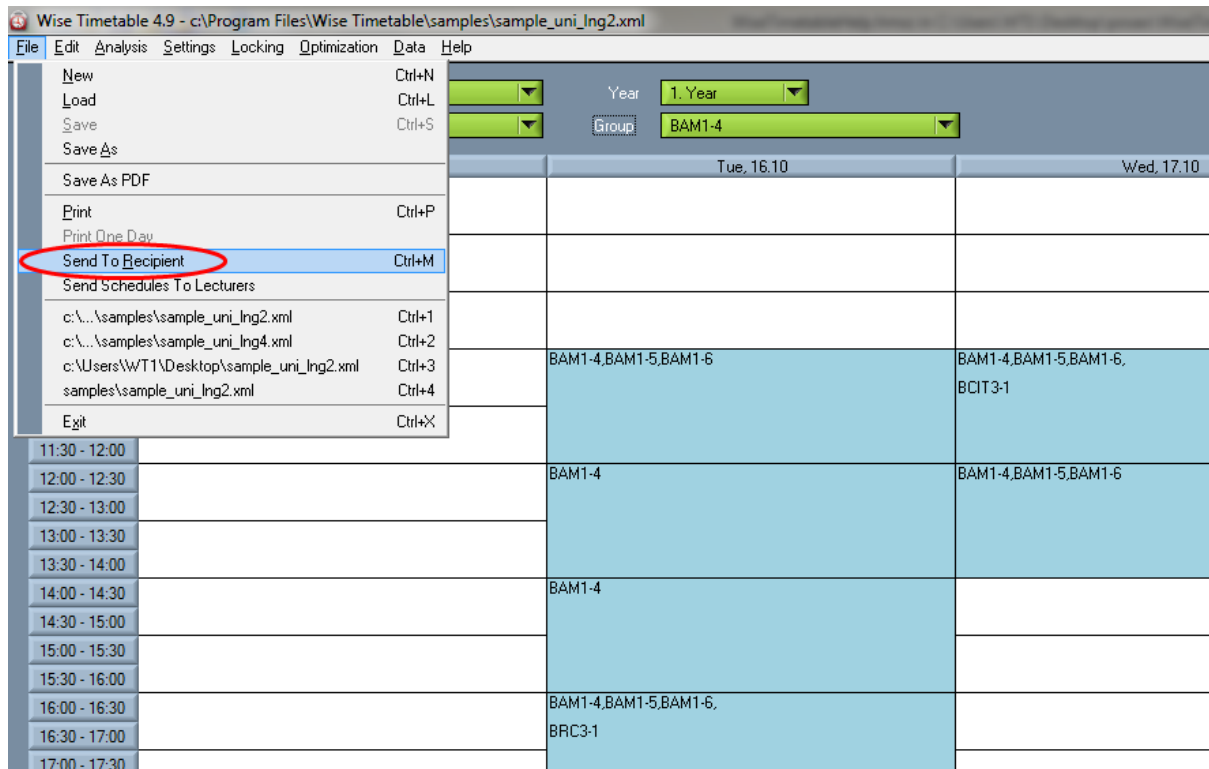


The same procedure is when you want to send e-mail with schedule to only one particular group. To individually send e-mails to groups, select group as illustrated example BAM1-4.

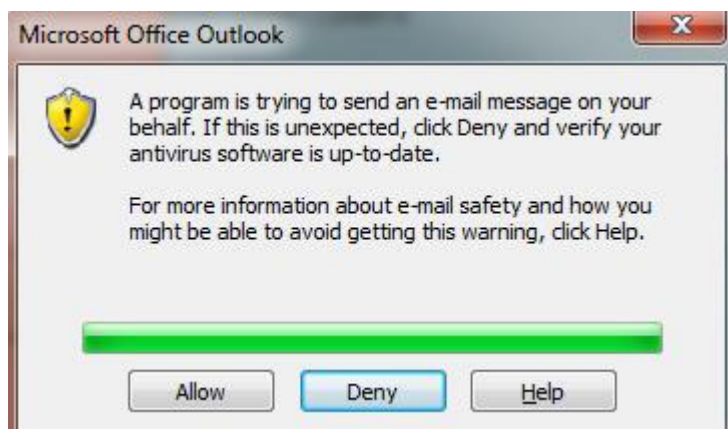


Then click on the main menu to "File" and then click "Send to recipient", and application Wise Timetable sends automatically E-mail to a selected student/group.

Wise Timetable Release notes

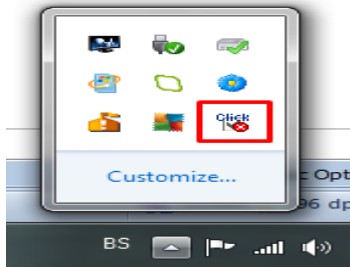


The same window will appear as you send e-mails to all of students or groups. Click Allow and student/group you sent you e-mail to will receive it together with the iCalendar.



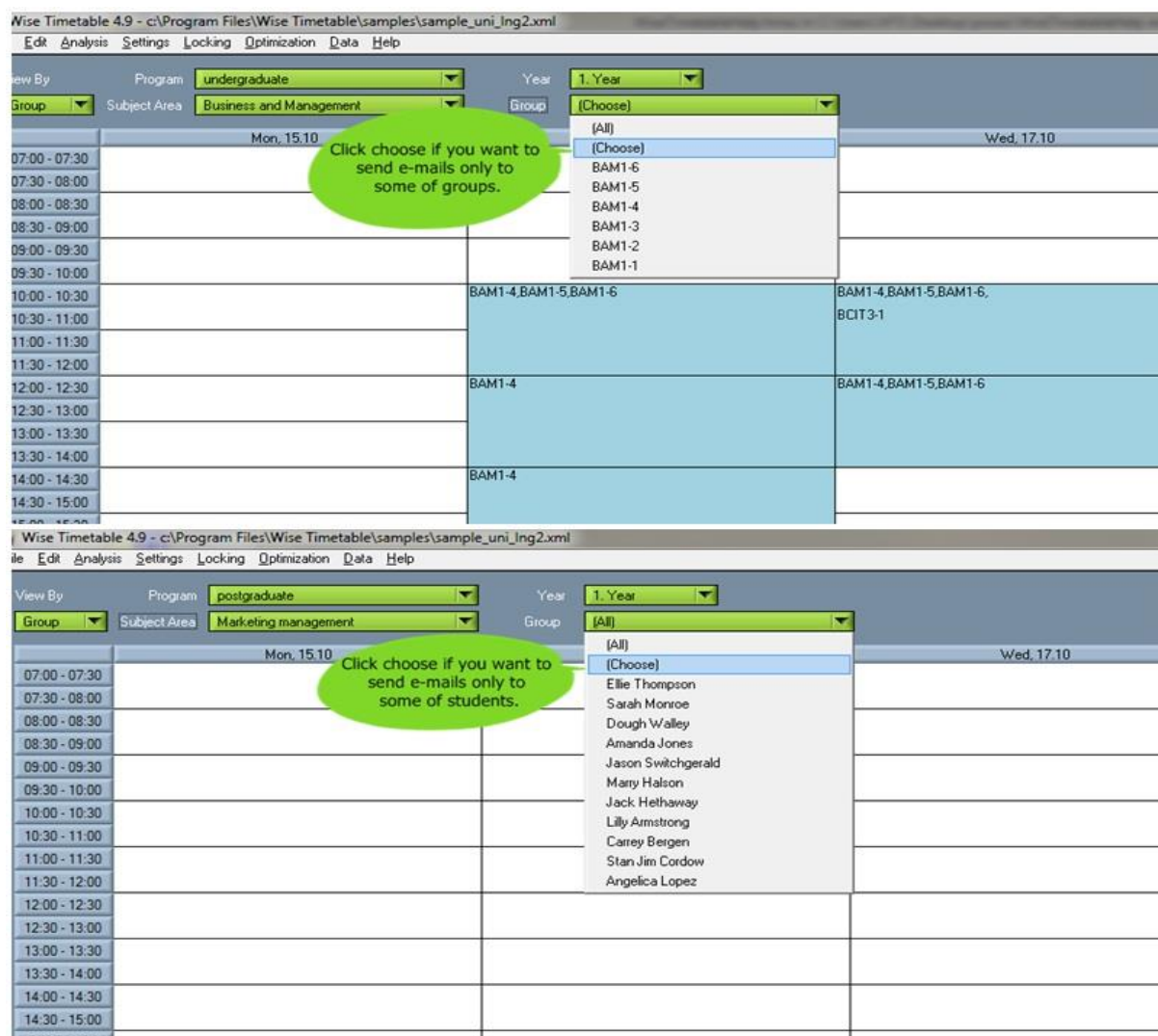
In case you don't want to click YES every time this window appears – we recommend you to download freeware application from Wise Timetable installation directory (ClickYesSetup.exe), which clicks automatically YES buttons for you. When installed, it will be available in the toolbar anytime you want to turn it on/off - only by double clicking on this icon, as shown further:

Wise Timetable Release notes



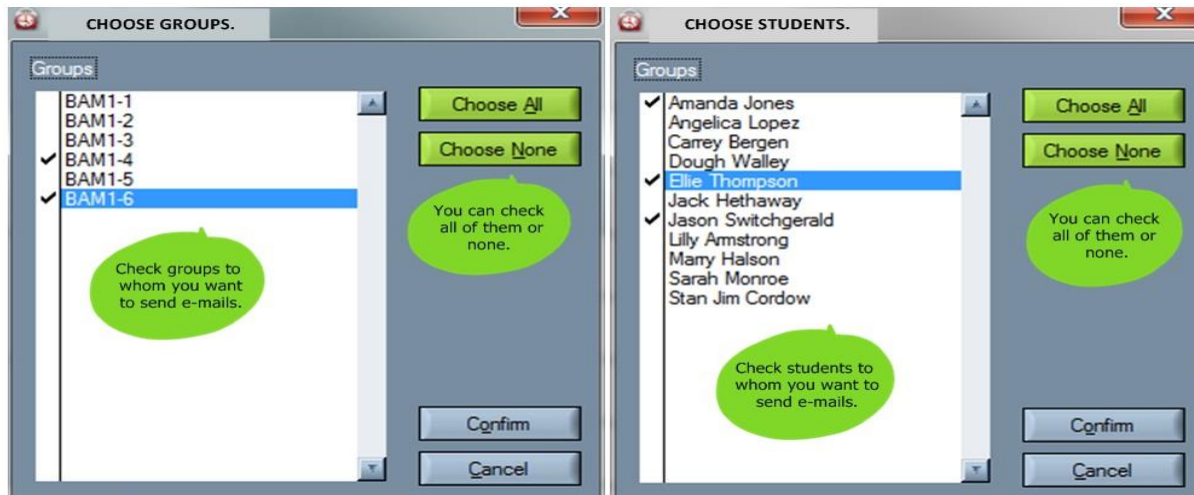
16.4. Choose option

There is also new function where you can choose particular number of students or groups to whom you want to send schedule via e-mail. All you do is clicking on "Choose" option in the list of offered students / groups and choose only those to whom you need to send schedule, as pictured bellow:

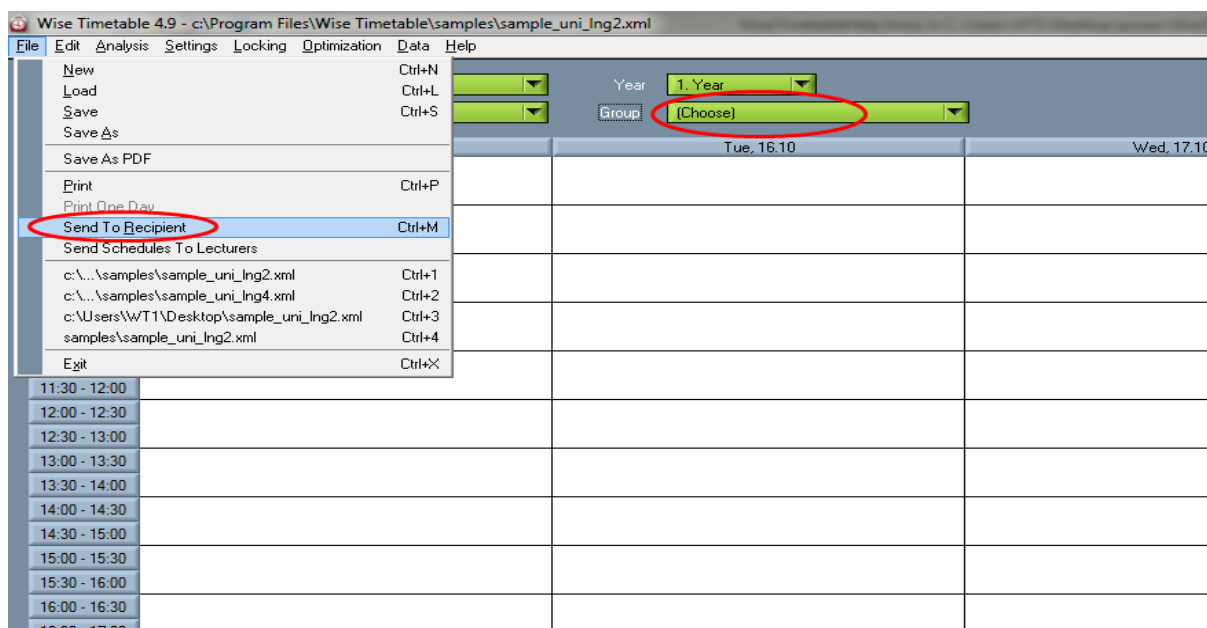


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After clicking "Choose" in the list of groups/students, the following windows (depending is it group choosing or student choosing) will show up:

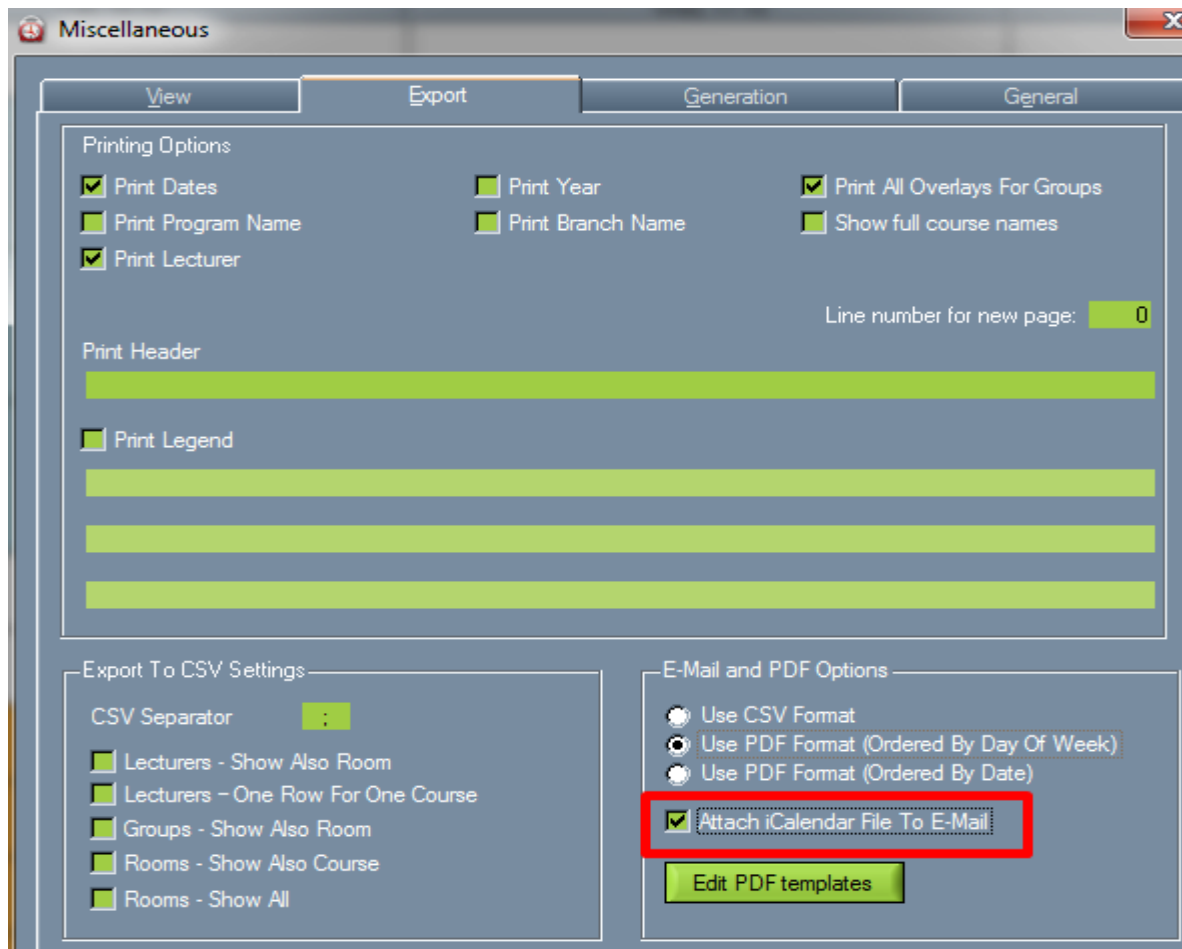


Then click on the main menu to "File" and then click "Send to recipient", and application Wise Timetable sends automatically E-mail to selected students/groups:



Attaching iCalendar together with schedule is possible only if iCalendar is checked in the miscellaneous options (Settings → Miscellaneous), which you can also check in the following picture.

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17. Checkboxes – check days when a course can be performed

In the new version of our software you can also set option that regulates which days are allowed to take a particular course, so each turn will be generated only at days you checked. Those are check boxes at the bottom of the screen when editing courses, shown on the pictures bellow - so you can check days in which you want this course turns to be generated. But for example if you choose only Monday to generate some turn and set 1+1 formula of duration at the same time, one turn will be left unallocated because you have chosen only one day to generate this course and formula 1+1 means two turns in two different days in a week.



This option can be different for each turn; it is not set for the whole course. Therefore you may notice that it will be enabled to be checked only when you click on a particular turn in that course. It is different for

Wise Timetable Release notes

each professor - for example if some professor prefers to have his/her turns in some particular days in a week. This option has all days in week checked by default.

The screenshot shows the 'Course' configuration window. The 'Course Name' is 'Business Design'. The 'Areas' list includes '3. Business and Management'. The 'Course Style' is set to 'Periodical'. The 'Prerequisites' list includes 'computers' and 'phono equipment'. The 'Course Type' list includes 'Lecture', 'seminar', and 'tutorial'. The 'Lecturers' list includes 'WOLFE' and 'MURRAY'. The 'Turns' list includes '1' and '2'. The 'Duration' is set to '2'. The 'Groups' list includes 'BAM3-4, BAM3-5, BAM3-6' and 'BAM3-1, BAM3-2, BAM3-3'. The 'Room' is set to 'BAM3-4, BAM3-5, BAM3-6'. A green callout bubble points to the 'Lecturers' list, stating: 'Checkboxes on the bottom of window will appear only when You click on a particular professor (in this case Mr. Wolfe) that teaches that course. Therefore it can be different for each professor and turn - depending on preferences.'

| Lecturers | Turns | Duration | Groups | Room |
|-----------|-------|----------|------------------------|------|
| WOLFE | 1 | 2 | BAM3-4, BAM3-5, BAM3-6 | |
| MURRAY | 1 | 2 | BAM3-1, BAM3-2, BAM3-3 | |

Optimization Timeframe: Any Time

> Schedule

Add Delete

From: 1.10 - 7.10 (1) To: 7.1 - 13.1 (15)

Start hour: (None)

Duration (x 60 min): 2

All Turns: 2 Unallocated: 0

Duration Details Skip Pauses

Not Yet Inserted To Schedule (white square) Inserted To Schedule (yellow square)

Mon Tue Wed Thu Fri Sat Sun

Force free day after

Confirm Cancel

Wise Timetable Release notes

18. Course code setting

There is also the possibility to enter a code for each course in the following field shown in the picture:

| Lecturers | Turns |
|-----------|-------|
| GOODMAN | 1 |
| MILES | 1 |

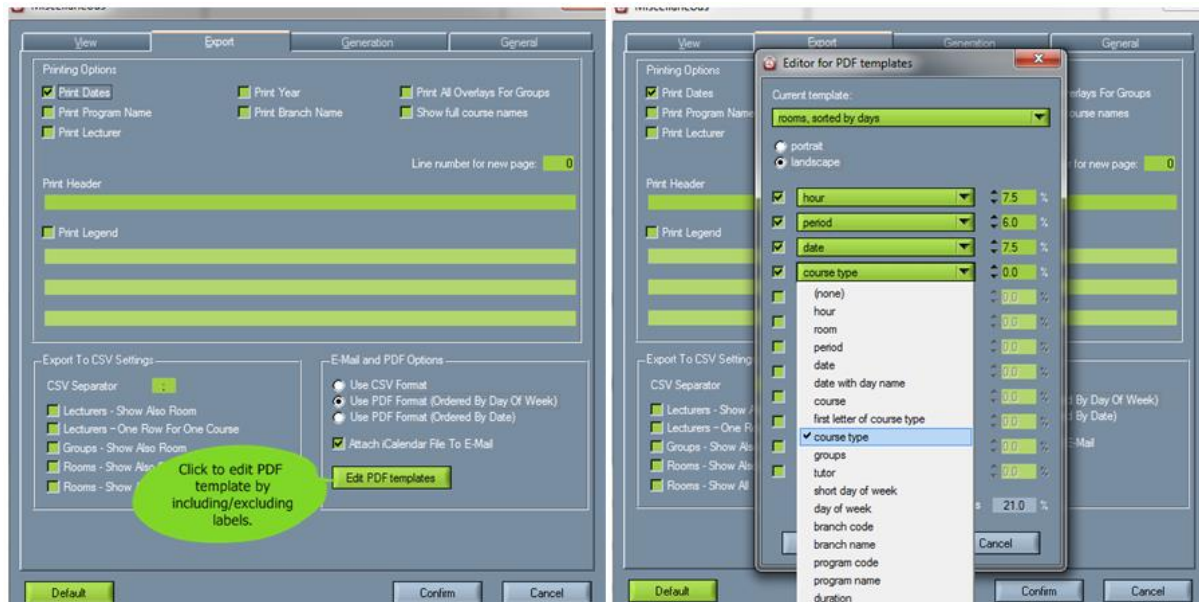
You are allowed to turn on or off the display of these codes in the schedule (Program files → Wise Timetable → wtt.scheme) in a way to turn equal to 1 if you don't want it to be shown and equal to 0 if you want course codes to be shown in the schedule. Here's how it looks like in the notepad (in our case it is turned off):

```
[Advanced]
ShowScreenAtConflictNo = 100
Ob1RowHeight = 27
ConflictRowHeight = 27
HiddenViews = 4
AutoCalculateHrs = 0
AllCapsReports = 0
ShowOtherSubgroups = 1
UniqueCourseNames = 1
ShowCommentsInPDF = 1
PDFCommentsAtWeekEnd = 0
PDFCommentsShowHour = 0
ShowConflictGroups = 1
OldGroupsFirst = 0
ShowDurationMinutes = 0
AutoAdjustGroupSizes = 0
AvoidAllDaysSixHours = 0
DefaultTurnPeriod=0-0
PdfExportPeriod=0-0
GenerateByTutor=0
FindStudentConflicts = 1
KeepFileHistory = 1
GenerateOverlapPrograms=0
GenerateLectureExcerSequence=0
ResetCourseHistoryWeeks=0
ImportFISCoursesFormat=0
MoodleSupport=0
PersonnelRecordsFullLines=0
ExportCoursesFromPeriod=0
CalendarFormatExecType=0
AllowBlockPauseSize=0
SupportCodeInturnPart=1
ShowStudentsNumWithGroups=0
CompatibilityModeSelectLecturers=0
AddPauseAfterEachHour=0
IgnoreConflictIfEnoughHours=0
FindConflictsSchedulerReservation=0
FindConflictsReservationReservation=1
SolveTurnFlagsCompatibility=1
TurnOffFinalisedCourseSetFor=0
doNotDisplayCourseCodesOnSchedule=1
```

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19. New options in exports

There is a green button in this section called Edit PDF templates, and by clicking on this button you can include or exclude labels in PDF template for e-mails. Here's how it looks like:



Print lecturer - check this button if you want professor's name in the printed schedule of groups. Here's how it looks like when printed:

Groups AFM1-3, AFM1-2, AFM1-1

| | Mon, 15.10 | Tue, 16.10 | Wed, 17.10 | Thu, 18.10 | Fri, 19.10 |
|---------------|---|---|---|--|--|
| 07:00 - 07:30 | | | | | |
| 07:30 - 08:00 | Financial Accounting, lecture, EVANS, B-007 | International Business Law, tutorial, ROSS, A-006 | Theories of HRM, tutorial, MILES, B-006 | Strategic Management, tutorial, HANFORD, A-007 | |
| 08:00 - 08:30 | AFM1-1,AFM1-2,AFM1-3 | AFM1-2 | AFM1-3 | AFM1-1,AFM1-2,AFM1-3 | |
| 08:30 - 09:00 | | | | | |
| 09:00 - 09:30 | | | | | Making Managerial Decisions Using Accounting Information, lecture, REYNOLDS, B-007 |
| 09:30 - 10:00 | Resource Management , tutorial, SULLIVAN, B-001 | Resource Management , tutorial, SULLIVAN, B-005 | Theories of HRM, tutorial, MILES, B-001 | Making Managerial Decisions Using Accounting Information, lecture, REYNOLDS, A-007 | AFM1-1,AFM1-2,AFM1-3 |
| 10:00 - 10:30 | | | | | |
| | AFM1-3 | AFM1-1 | AFM1-1 | AFM1-1 AFM1-2 AFM1-3 | |

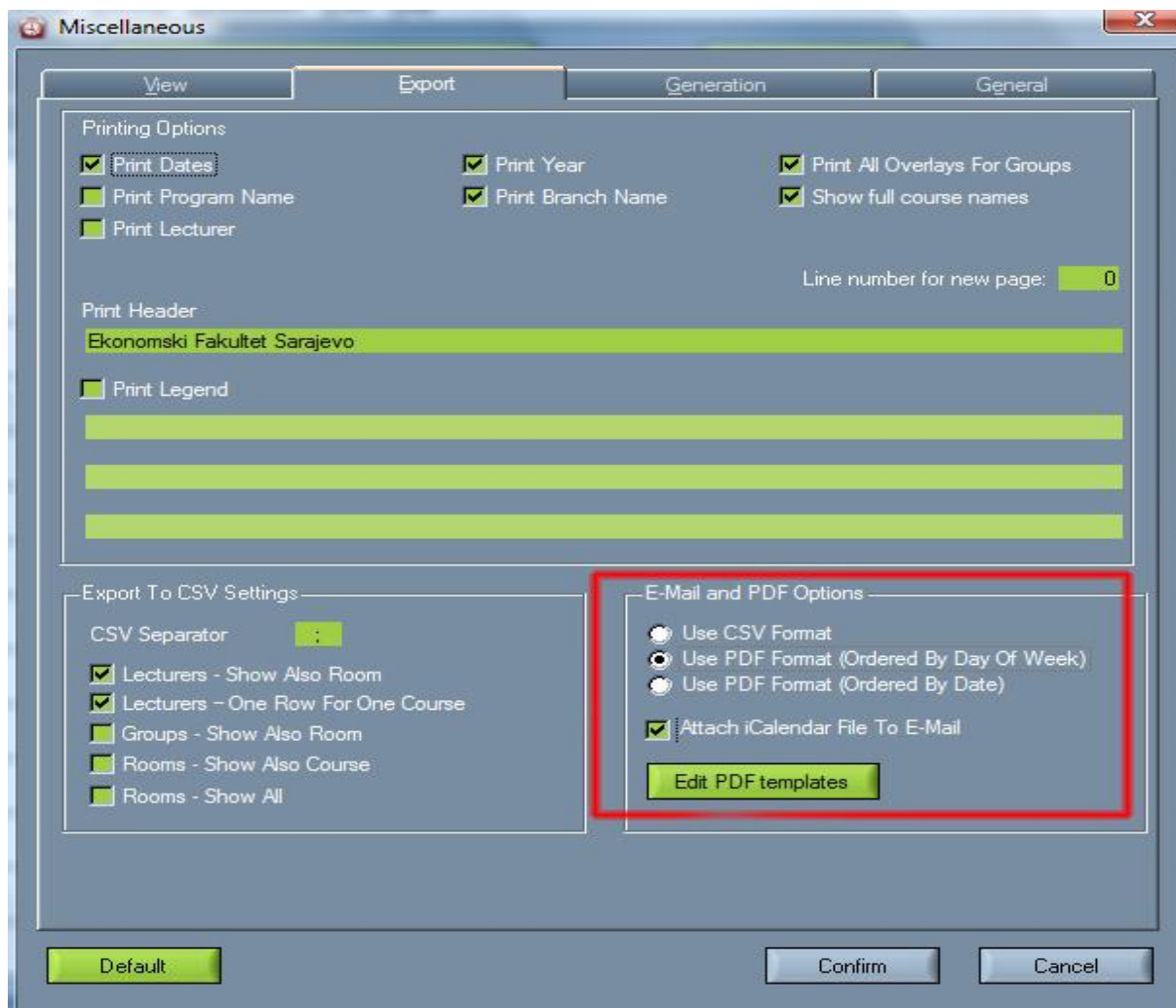
If you leave this option unchecked, professor's name will not be displayed in the printed schedule.

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Print All Overlays for Groups - check this button if you want software to display all overlays of groups in the printed schedule. This option is only possible when all groups are chosen when printing. If it remains unchecked, software will not display overlays in Grey color on printed version.

20. iCalendar

Choose between CSV and PDF format. In a PDF format, you can choose between the schedule being ordered for the whole week or by day. Also, you have a brand new option to include **iCalendar** in your email and incorporate all of professors' obligations with those from Wise Timetable schedule. The same will happen if you choose to send e-mails to each student, if you click on the "Attach iCalendar File to E-mail", each student will get his/her own iCalendar to be incorporated in their other schedules.



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Please note that iCalendar is compatible with every kind of online calendars as Google calendar, Outlook and others. It is than easier for professors and students to have the whole schedule of their obligations in their own calendar application of choice.

21. Start hour

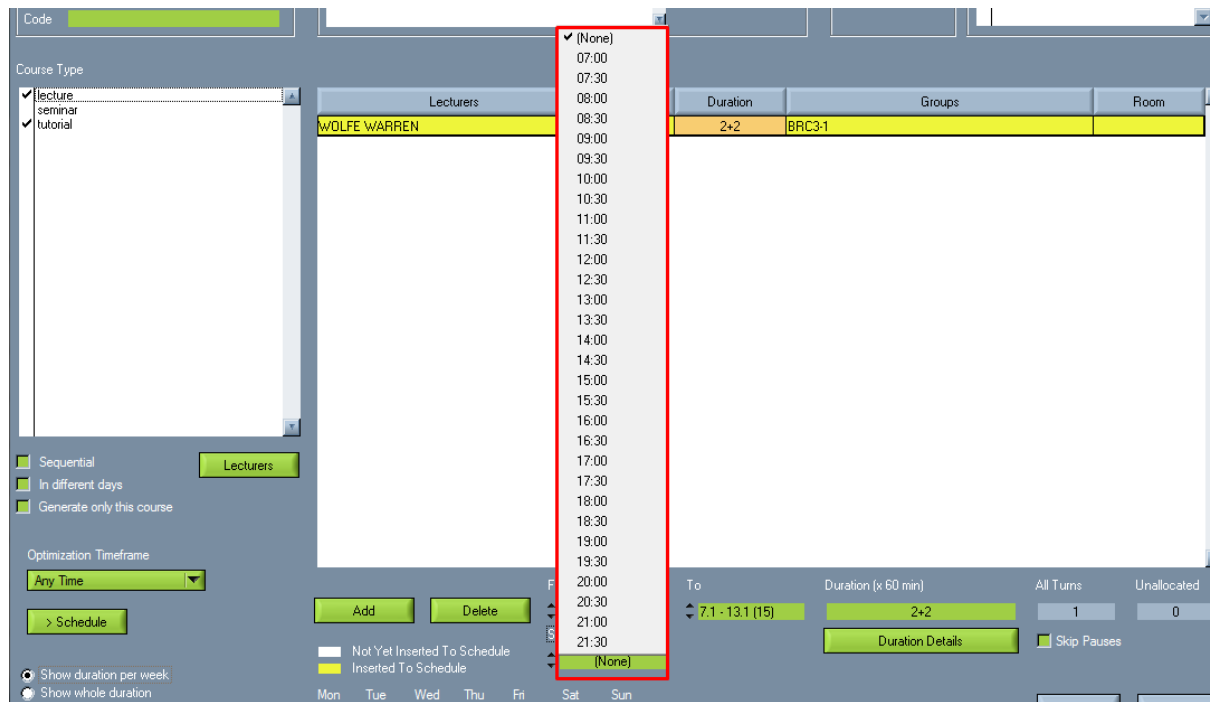
There is also a very practical new option called "Start Hour" and with it we have the ability to determine at what time to start performing the selected subject/course, as seen on the picture bellow.

The screenshot displays the 'Course' editing window. On the left, the 'Course Name' is 'Business Ethics', 'Selectable' is checked, and 'Code' is empty. The 'Areas' dropdown shows '3 Business Research and Consultancy...'. The 'Course Style' has 'Periodical' selected. Below, 'Course Type' includes 'Lecture', 'seminar', and 'tutorial', with 'Lecture' checked. Further down, 'Sequential', 'In different days', and 'Generate only this course' are unchecked. The 'Optimization Timeframe' is set to 'Any Time'. At the bottom left, 'Show duration per week' is selected. The main area features a table with columns 'Lecturers', 'Turns', 'Duration', and 'Groups'. The first row shows 'WOLFE WARREN', '1', '2+2', and 'BRC3-1'. Below the table, 'Add' and 'Delete' buttons are present. A legend indicates 'Not Yet Inserted To Schedule' (white) and 'Inserted To Schedule' (yellow). A 'Start hour' dropdown is highlighted with a red box, showing '(None)'. To the right, 'From' and 'To' time slots are shown as '1.10 - 7.10 (1)' and '7.1 - 13.1 (15)', with a 'Duration (x 60 min)' of '2+2'. A 'Duration Details' button is at the bottom right.

| Lecturers | Turns | Duration | Groups |
|--------------|-------|----------|--------|
| WOLFE WARREN | 1 | 2+2 | BRC3-1 |

When we click on this option in editing courses, new window shows up to choose at what time we want this turn to start – whatever day is chosen when the activity is actually generated. If we for example choose 10:30, that turn and that professor will teach only starting from that time. It is seen in the following picture:

Wise Timetable Release notes

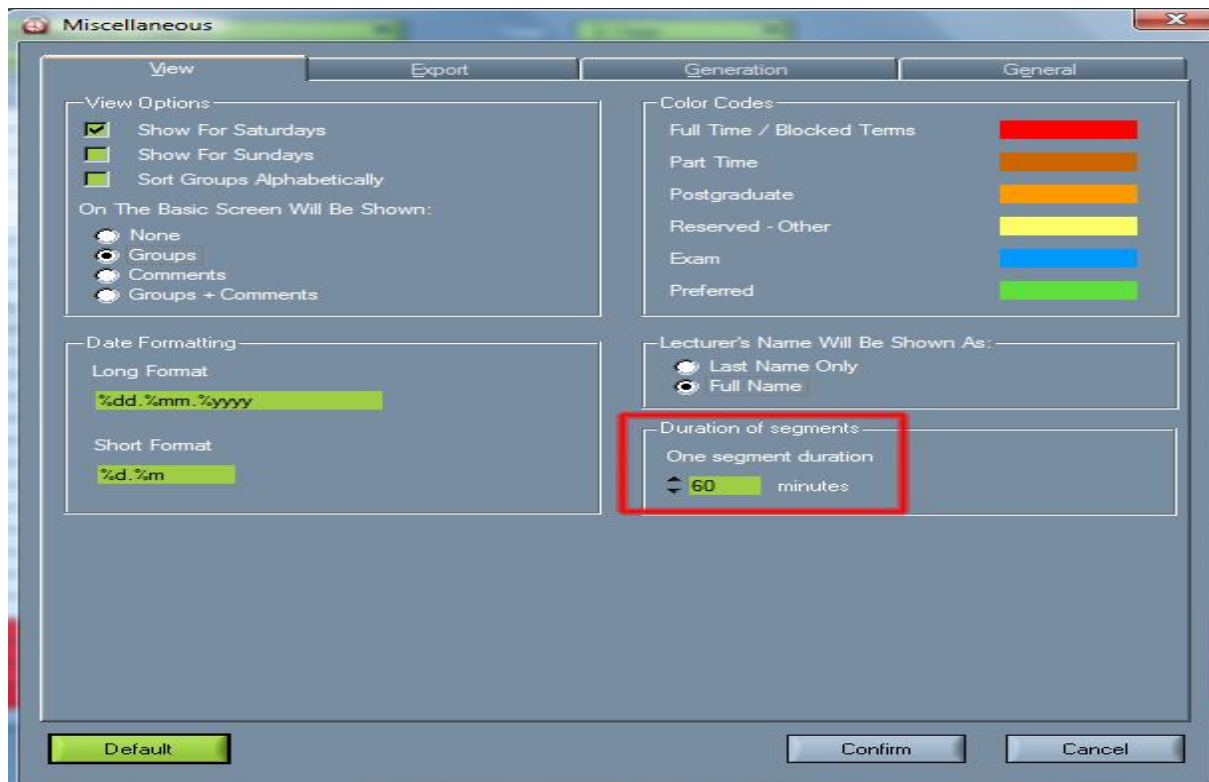


This option is by default set to (None) – which means the activity can be placed during the whole day.

22. One segment duration

With this brand new option we set how long the so called "double" segment is. It has an impact on almost all displays of the obligation of lecturers, groups, subjects. It has an immediate impact on the display when editing subjects and this option is easily seen in the picture bellow:

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Segments are seen on the main schedule window as this:

| View By | Program | Year | Subject Area | Course |
|---------|---------------|---------|---------------------------|-----------|
| Course | undergraduate | 2. Year | Accounting for Management | Databases |

| | Mon, 22.10 | Tue, 23.10 | Wed, 24.10 |
|---------------|------------------------|------------|------------|
| 07:00 - 07:30 | | | |
| 07:30 - 08:00 | | | |
| 08:00 - 08:30 | AFM2-3 | | |
| 08:30 - 09:00 | AFM2-3 | | |
| 10:00 - 10:30 | | | |
| 10:30 - 11:00 | | | |
| 11:00 - 11:30 | | | |
| 11:30 - 12:00 | | | |
| 12:00 - 12:30 | | | |
| 12:30 - 13:00 | | | |
| 13:00 - 13:30 | | | |
| 13:30 - 14:00 | | | |
| 14:00 - 14:30 | AFM2-1, AFM2-2, AFM2-3 | | |
| 14:30 - 15:00 | | | |
| 15:00 - 15:30 | | | |
| 15:30 - 16:00 | | | |
| 16:00 - 16:30 | | | |
| 16:30 - 17:00 | | | |
| 17:00 - 17:30 | | | |
| 17:30 - 18:00 | | | |
| 18:00 - 18:30 | | | |
| 18:30 - 19:00 | | | |
| 19:00 - 19:30 | | | |

It is possible to make segment duration to any number of minutes so we can divide time however we need to.

For example, here we have “one segment duration” of 60 minutes.

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Duration of segments—

One segment duration

60 minutes

After that, in some course specifications (in our case course is "Databases") we entered that tutorials have 3 x 60 duration.

Course

Course Name: **Databases**

Selectable

Code

Areas: **2. Accounting for Management** Stud. Num: **90** Edit

Course Style: ☒ Periodical ☐ Modular

Prerequisites: ☒ computers ☐ phono equipment

Course Type

- ☒ lecture
- ☒ lecture_BL_
- ☒ tutorial_BL_
- ☒ exercises_EQ_
- ☒ lecture_EQ_
- ☒ seminar
- ☒ tutorial

☐ Sequential ☐ In different days ☐ Generate only this course

Optimization Timeframe: **Any Time**

> Schedule

From: **1.10 - 7.10 (1)** To: **7.1 - 13.1 (15)**

Start hour: **(None)**

Duration (x 60 min): **3**

All Turns: **3** Unallocated: **0**

☐ Not Yet Inserted To Schedule ☒ Inserted To Schedule

Duration Details

☐ Skip Pauses

Mon: ☒ Tue: ☒ Wed: ☒ Thu: ☒ Fri: ☒ Sat: ☒ Sun: ☒ Force free day after

Confirm Cancel

| Lecturers | Turns | Duration | Groups | Room |
|-----------|-------|----------|----------------|------|
| ROCKWELL | 2 | 3 | AFM2-3, AFM2-2 | |
| COLWELL | 1 | 2 | AFM2-1 | |

And therefore, after next generating this activity has taken three segments of 60 minutes in the schedule.

Wise Timetable Release notes

The screenshot shows the Wise Timetable 4.9 application window. The menu bar includes File, Edit, Analysis, Settings, Locking, Optimization, Data, and Help. The interface has several filters: 'View By' is set to 'Course', 'Program' is 'undergraduate', 'Year' is '2 Year', 'Subject Area' is 'Accounting for Management', and 'Course' is 'Databases'. The timetable grid shows days of the week as columns and time slots as rows. The time slots are: 07:00 - 07:30, 07:30 - 08:00, 08:00 - 08:30, 08:30 - 09:00, 09:00 - 09:30, 09:30 - 10:00, 10:00 - 10:30, 10:30 - 11:00, and 11:00 - 11:30. The days shown are Mon, 22.10, Tue, 23.10, and Wed, 24.10. A red box highlights the time slots from 08:00 to 10:30. In the 08:00 - 08:30 slot, the text 'Databases, tutorial, ROCKWELL, B-003' is visible for Monday and 'Databases, tutorial, ROCKWELL, A-006' for Tuesday. In the 08:30 - 09:00 slot, the text 'AFM2-3' is visible for Monday and 'AFM2-2' for Tuesday.

| | Mon, 22.10 | Tue, 23.10 | Wed, 24.10 |
|---------------|--------------------------------------|--------------------------------------|------------|
| 07:00 - 07:30 | | | |
| 07:30 - 08:00 | | | |
| 08:00 - 08:30 | Databases, tutorial, ROCKWELL, B-003 | Databases, tutorial, ROCKWELL, A-006 | |
| 08:30 - 09:00 | AFM2-3 | AFM2-2 | |
| 09:00 - 09:30 | | | |
| 09:30 - 10:00 | | | |
| 10:00 - 10:30 | | | |
| 10:30 - 11:00 | | | |
| 11:00 - 11:30 | | | |

But for example, if we have “one segment duration” of 30 minutes, the situation will be slightly different.

The screenshot shows a dialog box titled 'Duration of segments'. It contains a label 'One segment duration' and a value of '30' minutes, with a small up/down arrow icon next to the number.

| Duration of segments |
|----------------------|
| One segment duration |
| 30 minutes |

After that, in some course specifications (in our case course is "Databases") we entered that lectures have 3.5 x 30 duration.

Wise Timetable Release notes

Course Name: ☐ Selectable Code:

Areas: Stud. Num:

Course Style: ☒ Periodical ☐ Modular

Prerequisites: ☐ computers ☐ phono equipment

Course Type: ☒ Lecture ☐ Lecture_BL ☐ Tutorial_BL ☐ Exercises_EQ ☐ Lecture_EQ ☐ Seminar ☐ Tutorial

Optimization Timeframe:

☐ Show duration per week ☒ Show whole duration

From: To: Start hour:

Duration (x 30 min):

All Turns: Unallocated:

☐ Skip Pauses

Mon Tue Wed Thu Fri Sat Sun ☒ ☒ ☒ ☒ ☒ ☒ ☒

☐ Force free day after

After next generating of schedule or that course, this activity will take 3.5 double segments and it will be possible because we turned on the one segment duration of 30 minutes and it will look like this in the schedule:

Wise Timetable 4.9 - c:\Program Files\Wise Timetable\samples\sample_uni_lng2.xml

File Edit Analysis Settings Locking Optimization Data Help

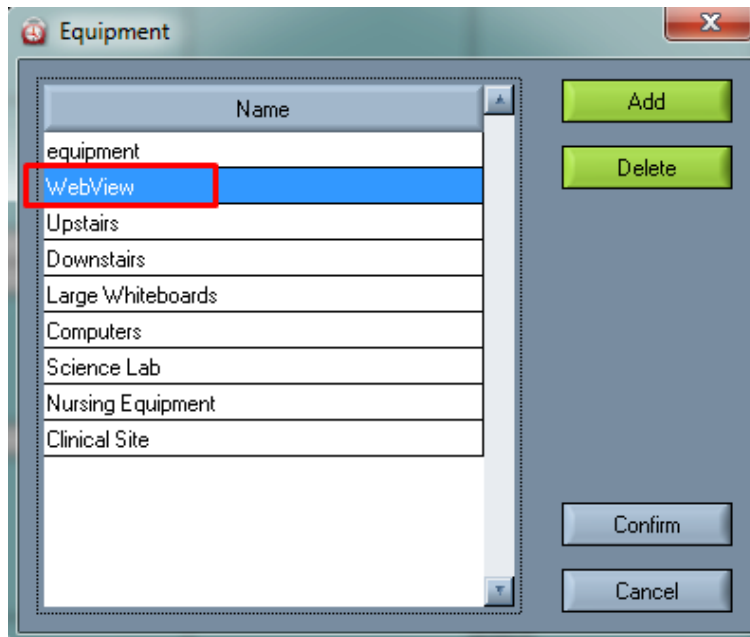
View By: Program: Year: Subject Area: Course:

| | Mon, 22.10 | Tue, 23.10 | Wed, 24.10 | Thu, 25.10 |
|---------------|-------------------------------------|------------|------------|------------|
| 12:00 - 12:30 | Databases, tutorial, CULWELL, A-006 | | | |
| 12:30 - 13:00 | AFM2-1 | | | |
| 13:00 - 13:30 | | | | |
| 13:30 - 14:00 | | | | |
| 14:00 - 14:30 | Databases, lecture, BAKER, B-004 | | | |
| 14:30 - 15:00 | AFM2-1, AFM2-2, AFM2-3 | | | |
| 15:00 - 15:30 | | | | |
| 15:30 - 16:00 | | | | |
| 16:00 - 16:30 | | | | |
| 16:30 - 17:00 | | | | |
| 17:00 - 17:30 | | | | |
| 17:30 - 18:00 | | | | |

Taken 3.5 double segments.

23. WebView equipment

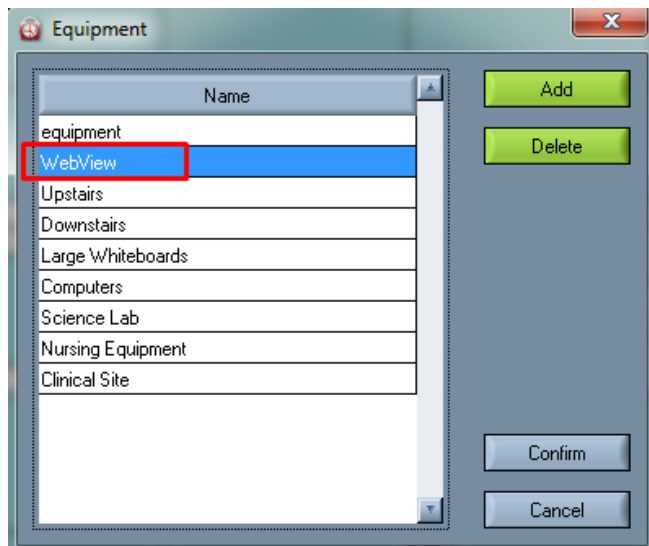
There is also a setting by which some of the rooms are "highlighted" on web page of schedule. Highlighted means that they are marked as ones that can be viewed in this special way in order to have a quicker look of what is performing in those rooms. In order to enable this option in any of rooms, first of all we have to add new equipment in equipment section written as WebView and confirm, as seen below:



- **room_zoom option**

After setting in Equipment Settings at Settings in PC application Wise Timetable special equipment named "WebView", rooms with that equipment defined in themselves can be shown in a "highlighted" way on website, which means they can be more easily tracked and seen (if we are really interested to check those rooms primarily and quickly each time). Highlighted means that they are marked as ones that can be viewed in this special way in order to have a quicker look of what is performing in those rooms. This is how it looks in Equipment settings which are then dedicated to rooms that we wish to have this "Room_zoom" option:

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After that is done, rooms in which this "WebView" option is set will be highlighted and specially presented on the presentation pages, and this option is called "Room Zoom". Here is how it looks on the page of all rooms listed with all activities held in them:

PROGRAMI PREGLED PROSTOROV IZVAJALCI PROSTORI PREDMETI

Zadnja sprememba: 20.06.2014 09:34

Skoči na: 20.06.2014 (Za najboljši pregled, prosim razširite čez cel ekran)

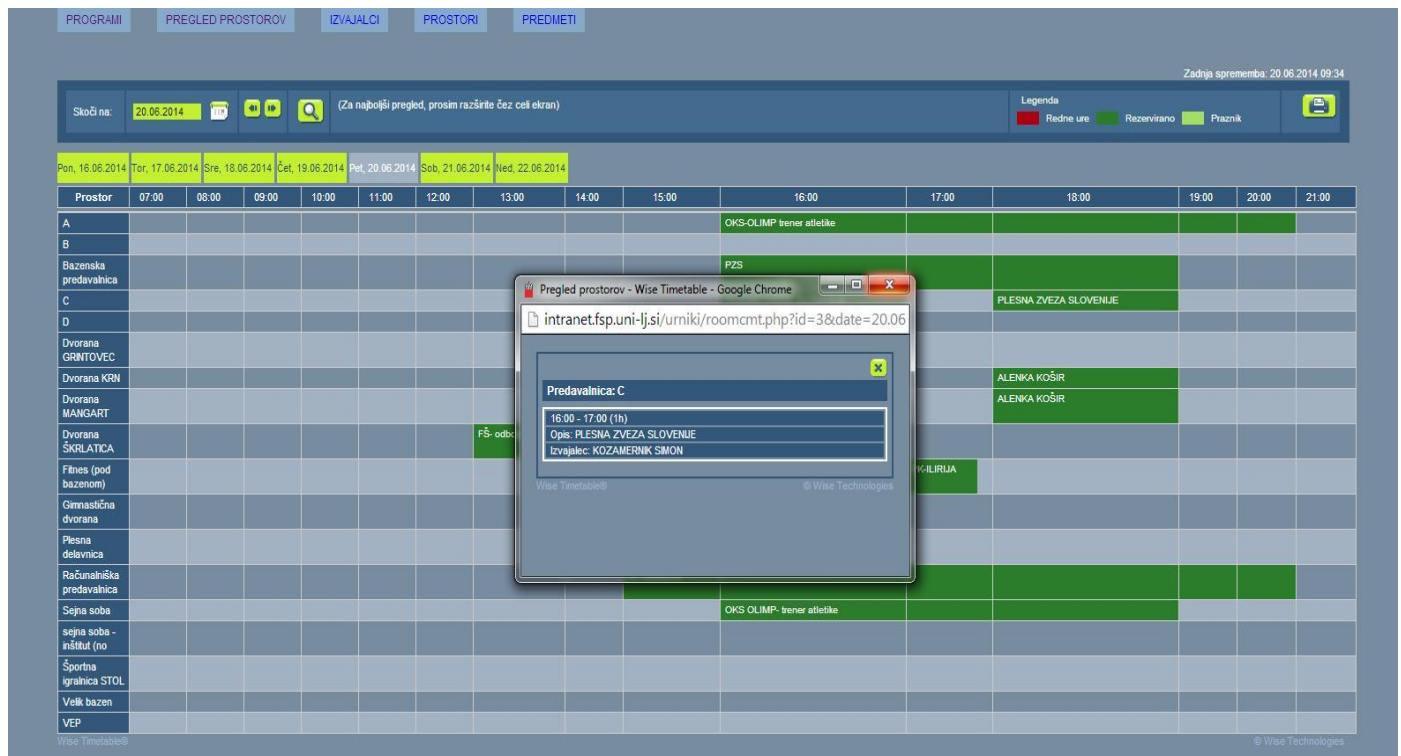
Legenda: ■ Redne ure ■ Rezervirano ■ Praznik

| Prostor | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 |
|---------------------------|-------|-------|-------|-------|-------|-------|------------|-------|--------------|----------------------------|------------|------------------------|-------|-------|-------|
| A | | | | | | | | | | OKS-OLIMP trener atletike | | | | | |
| B | | | | | | | | | | PZS | | | | | |
| Bazenska predavalnica | | | | | | | | | | PLESNA ZVEZA SLOVENIJE | | PLESNA ZVEZA SLOVENIJE | | | |
| C | | | | | | | | | | | | | | | |
| D | | | | | | | | | | | | | | | |
| Dvorana GRNTOVEC | | | | | | | | | | | | | | | |
| Dvorana KRM | | | | | | | | | | | | ALENKA KOŠIR | | | |
| Dvorana MANGART | | | | | | | | | | | | ALENKA KOŠIR | | | |
| Dvorana ŠKRLATICA | | | | | | | FS-odbojka | | | | | | | | |
| Fitness (pod bazenom) | | | | | | | | | | | PK-ILIRIJA | | | | |
| Gimnastična dvorana | | | | | | | | | | | | | | | |
| Plesna delavnica | | | | | | | | | | | | | | | |
| Računalniška predavalnica | | | | | | | | | dr. Zadržnik | | | | | | |
| Sejna soba | | | | | | | | | | OKS OLIMP- trener atletike | | | | | |
| sejna soba - inštitut (no | | | | | | | | | | | | | | | |
| Športna igralnica STOL | | | | | | | | | | | | | | | |
| Velik bazen | | | | | | | | | | | | | | | |
| VEP | | | | | | | | | | | | | | | |

Wise Timetable® © Wise Technologies

By clicking on one of those highlighted activities, the following additional window will appear, with all other details regarding that activity as duration, description and teacher.

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24. Shortcuts for generating passwords on website

NOTE for administrators - SHORTCUTS:

If password entering is enabled for groups, sometimes it is very time-consuming to generate manually all of passwords for every group, especially if there are a lot of them.

In case that password for groups is ON, and you want to generate passwords for groups of students who still don't have it, when entering PC Wise Timetable application, click SHIFT + F12 and automatically those who don't have passwords will be generated.

But if you enter SHIFT + INSERT, program will generate passwords for those who don't have it, and also for those with existing passwords, and those will be deleted. So in that case you will generate passwords for every group, no matter if the group had or did not have one.

NOTE for administrators – SHORTCUTS:

If password entering is enabled for lecturers, sometimes it is very time-consuming to generate manually all of passwords for every professor, especially if there are a lot of them.

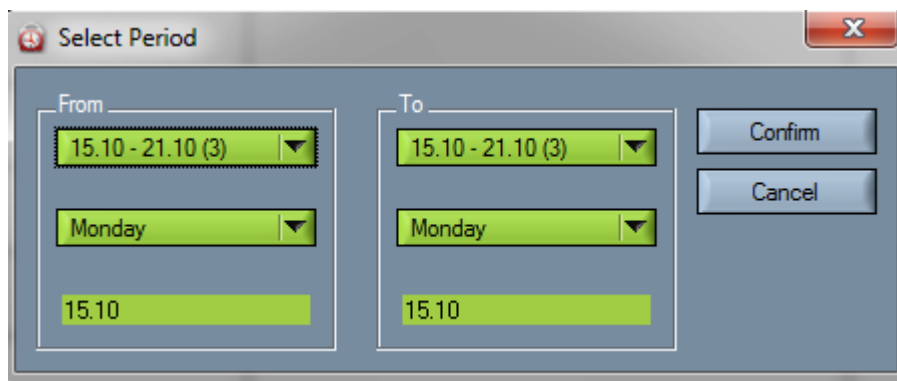
In case that password for lecturers is ON, and you want to generate passwords for lecturers who still don't have it, when entering PC Wise Timetable application, click SHIFT + F12 and automatically those without passwords will be generated.

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But if you enter SHIFT + INSERT, program will generate passwords for those lecturers who don't have it, and also for those with existing passwords which will be deleted automatically. So in that case you will generate new passwords for every lecturer, no matter if he/she had or did not have one.

25. Print one day

Print One Day is new option and prints only lecturers' schedules for only one selected day. Choose view by lecturer and the lecturer whose schedule you want to print. The following window opens:



The 'Select Period' dialog box contains the following elements:

- From Column:**
 - Dropdown 1: 15.10 - 21.10 (3)
 - Dropdown 2: Monday
 - Text field: 15.10
- To Column:**
 - Dropdown 1: 15.10 - 21.10 (3)
 - Dropdown 2: Monday
 - Text field: 15.10
- Buttons:** Confirm, Cancel

Select the period for which you want to print schedules (separated for each day) and click Confirm. Here's how it looks like when printed (in our case it is Professor Andrew Altman):

ANDREW ALTMAN

10.10.2012

| Time | Room | Course | Group(s) |
|-------------|-------|-----------------|----------|
| 10:00-12:00 | B-003 | Business Design | BAM3-2 |

26. New option in conflict analysis window

Select Analysis | View conflicts in the menu to see all conflicts in the timetable. There are several new practical options - as one to include also overlapping web reservations in the list of conflicts.

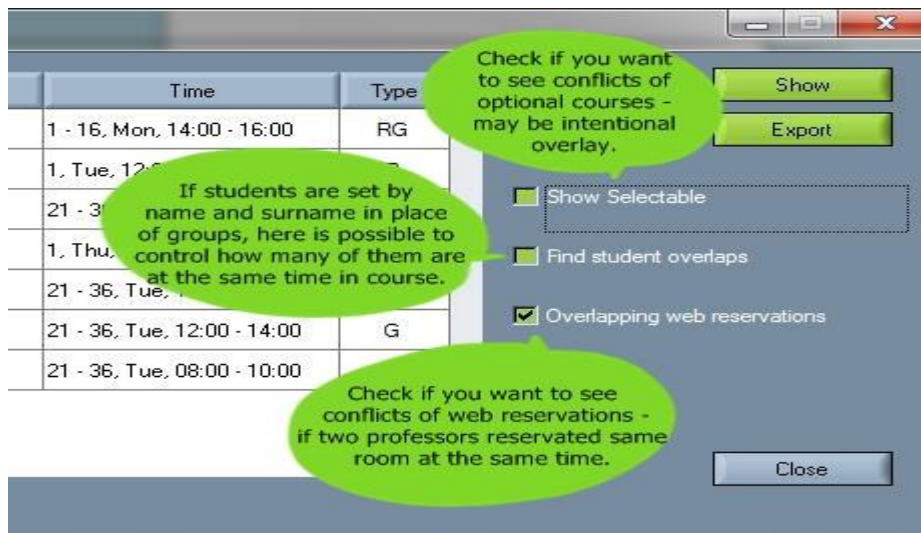


Show selectable - check this button if you want to see overlays or conflicts of optional / selectable courses and turns. This could be also an intentional overlay, because it is selectable course, students and groups can choose between many selectable courses and more groups can participate to lectures or tutorials of this kind of course.

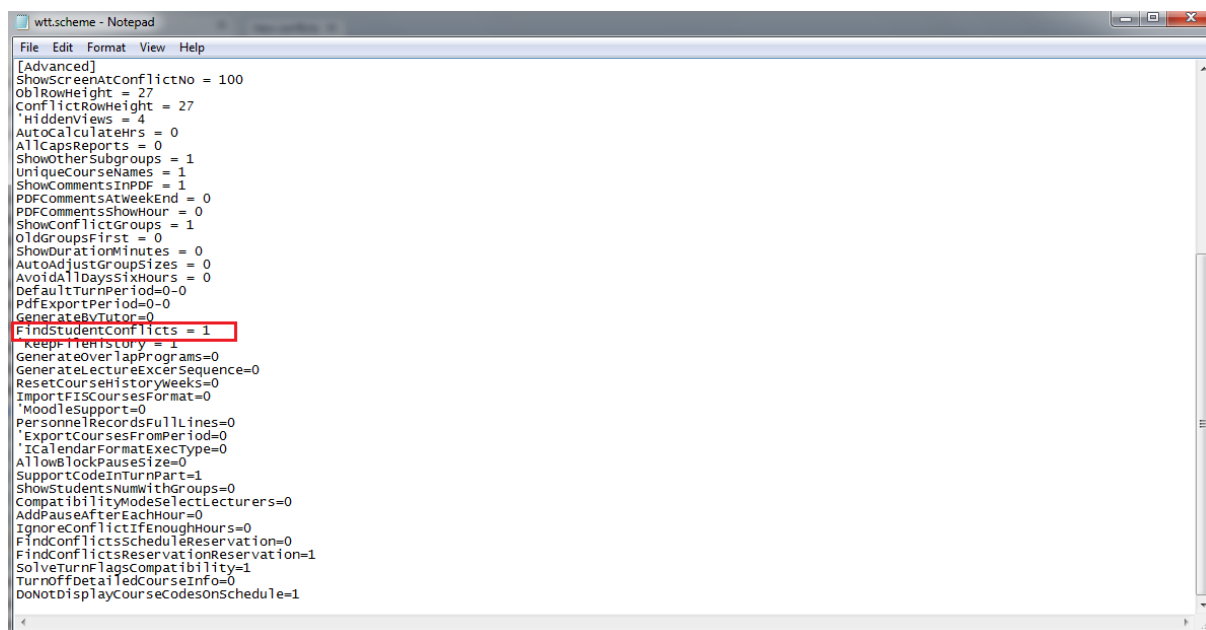
Find student overlaps - check this button if you want to see student overlaps. This is used when students are set by their names and surnames instead groups, so we can see where a particular student participates at what time. The same is possible when there are groups of students, and overlaps of groups are possible if more groups attend the same lectures or tutorials, especially in selectable courses.

Overlapping web reservations - check this button if you want to see overlaps of reservations made on the web. For example you can check if two professors reserved the same room at the same time.

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You can also control the analysis of conflicts in the WTT file called `wtt.scheme` (Program files → Wise Timetable → `wtt.scheme`). It opens in the notepad and you can enable or disable the appearance of the "Find student conflicts" by: put equal to 0 if you don't want it to appear in the window of conflicts, and put equal to 1 if you want it to appear in the window of conflicts, than save the change. Here's how it looks like in notepad:

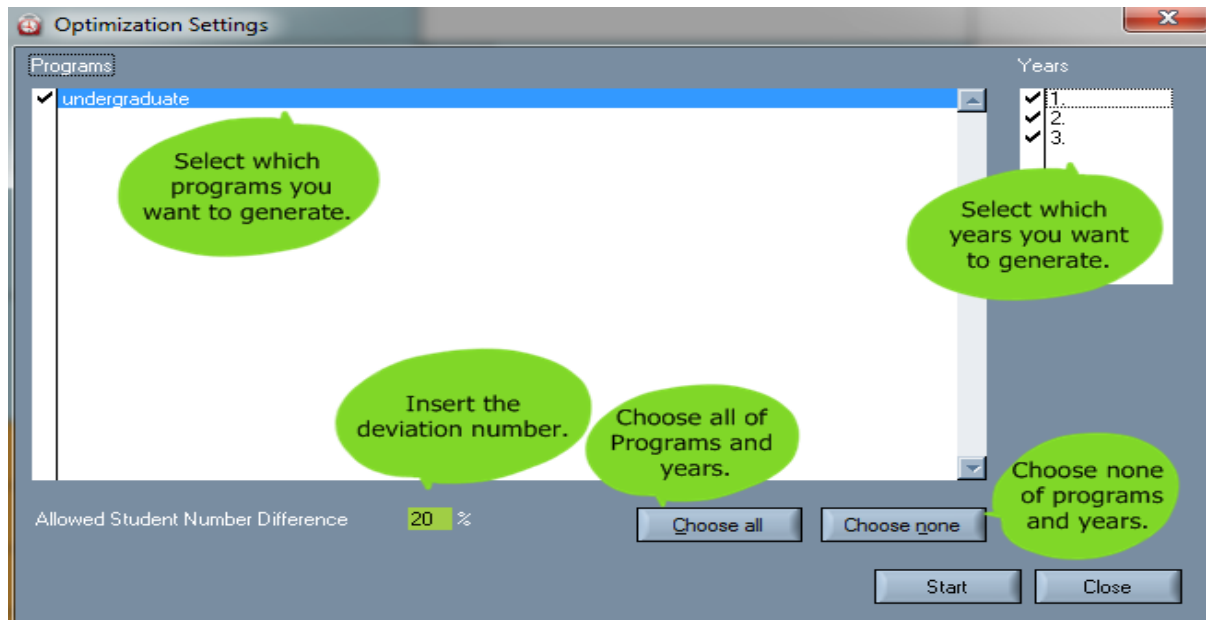


27. Optimization window has some new features

You can optimize the automatic generation process by choosing the programs and the years which you want to generate and by setting the percentage of deviation for the number of students and the number

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of seats in a room. Set the percentage of deviation means that you allow the program to occupy a room with fewer seats than there are students in the group or to allow the program to occupy a bigger room for a smaller group of students. Also, you can choose all of programs to optimize them; you can click "choose none" button or just click the particular ones from the list.



28. Magnetic board

Besides the automatic way of making schedules in Wise Timetable application, there is also provided a traditional way of making handmade schedules inside the Wise Timetable software. All changes made in this software match with previously made automatic schedule, and it is not needed to generate timetables after some changes have been made in the Magnetic board. After saving changes in Magnetic board, they automatically stay inside the schedule.

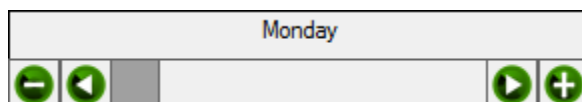
Magnetic board is a special part of Edit section where it is possible to see the whole schedule for all professors. It is made according to traditional way of making schedules, before computers and internet even existed. Magnetic board is a special table with magnets and has axis with all professors listed and axis of days in a week. Little magnets represent each group of students and they can be moved across the table to match time and professors and have better overview of all activities inside one week. It is awesome because magnets cannot be set over each other so there will be no overlaps. Also, administrator has a good view of all activities for groups. Wise Timetable application gives even this kind of perspective on the whole schedule.

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The window of Magnetic board is presented in the following picture:

| Professors | Monday | | | | | Tuesday | | | | | Wednesday | | | | | Thursday | | | | | Friday | | | | |
|------------------|--------|-------|-----------|-----------|-----------|---------|-------|------------|------------|------------|-----------|-------|-----------|-----------|-----------|----------|-------|-----------|-----------|-----------|--------|-------|-----------|-----------|-----------|
| | 07:00 | 07:30 | 08:00 | 08:30 | 09:00 | 07:00 | 07:30 | 08:00 | 08:30 | 09:00 | 07:00 | 07:30 | 08:00 | 08:30 | 09:00 | 07:00 | 07:30 | 08:00 | 08:30 | 09:00 | 07:00 | 07:30 | 08:00 | 08:30 | 09:00 |
| IT JAMES | | | | | | | | BAM2-2, B | BAM2-2, B | BAM2-2, B | | | | | | | | | | | | | AFM3-3 | AFM3-3 | AFM3-3 |
| EDWARD | | | | | | | | | | | | | | | | | | | | | | | | | |
| ELLEN | | | | | BAM3-4, B | | | BAM3-1, B | BAM3-1, B | AFM1-2 | | | | | | | | | | | | | AFM1-3 | AFM1-3 | AFM1-3 |
| LL RITA | | | | | | | | | | BAM2-4 | | | | | | | | | | | | | BAM2-5 | BAM2-5 | BAM2-5 |
| ROBERT | | | BAM2-2, B | BAM2-2, B | BAM2-2, B | | | | | BAM3-1, B | | | BAM3-1, B | BAM3-1, B | BAM3-1, B | | | | | | | | BAM2-1, B | BAM2-1, B | BAM2-1, B |
| FISHER RICHARD | | | | | | | | BRC1-1 | BRC1-1 | BRC1-1 | | | | | | | | BAM2-6 | BAM2-6 | BAM2-6 | | | BAM2-4 | BAM2-4 | BAM2-4 |
| TURNER MARK | | | | | | | | | | | | | BAM2-4 | BAM2-4 | | | | BAM1-2 | BAM1-2 | BAM1-2 | | | | | BAM2-6 |
| COHEN GEORGE | | | | | | | | AFM2-2 | AFM2-2 | AFM2-2 | | | AFM2-3 | AFM2-3 | AFM2-3 | | | | | | | | | | |
| PHILLIPS STANLEY | | | BCIT3-1 | BCIT3-1 | BCIT3-1 | | | | | | | | | | | | | | | | | | | | |
| MCCUSKY JAMES | | | BAM1-4, B | BAM1-4, B | BAM1-4, B | | | | | | | | BAM1-1, B | BAM1-1, B | BAM1-1, B | | | BAM1-4 | BAM1-4 | BAM1-4 | | | | | |
| DAVIS ANGELA | | | | | | | | | | | | | | | | | | BRC1-1 | BRC1-1 | BRC1-1 | | | | | |
| COLE DAVID | | | BAM3-2 | BAM3-2 | BAM3-2 | | | BCIT2-1, A | BCIT2-1, A | BCIT2-1, A | | | AFM3-2 | AFM3-2 | AFM3-2 | | | AFM2-1, A | AFM2-1, A | AFM2-1, A | | | | | |
| WOLFE WARREN | | | AFM1-3, B | AFM1-3, B | AFM1-3, B | | | BRC3-1 | BRC3-1 | BRC3-1 | | | BAM3-4, B | BAM3-4, B | BAM3-4, B | | | AFM1-3, B | AFM1-3, B | AFM1-3, B | | | | | |
| WOOD MARGARET | | | | | | | | | | | | | BCIT1-1 | BCIT1-1 | BCIT1-1 | | | | | | | | | | |
| JOHNSON PETER | | | | | | | | BAM2-5 | BAM2-5 | BAM2-5 | | | | | | | | | | | | | BRC2-1 | BRC2-1 | BRC2-1 |
| MURRAY BEN | | | | | | | | AFM2-1 | AFM2-1 | AFM2-1 | | | BRC3-1 | BRC3-1 | BRC3-1 | | | BAM3-1, B | BAM3-1, B | BAM3-1, B | | | | | BCIT3-1 |
| ALTMAN ANDREW | | | BAM3-1 | BAM3-1 | BAM3-1 | | | | | | | | | | | | | | | | | | | | |
| BAKER COLIN | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROSS JANET | | | BAM3-3 | BAM3-3 | BAM3-3 | | | BAM1-1 | BAM1-1 | BAM1-1 | | | BRC1-1 | BRC1-1 | BRC1-1 | | | AFM1-2 | AFM1-2 | AFM1-2 | | | BAM3-6 | BAM3-6 | BAM3-6 |
| MILES STEVE | | | | | | | | AFM1-1 | AFM1-1 | AFM1-1 | | | BCIT2-1 | BCIT2-1 | BCIT2-1 | | | AFM1-1 | AFM1-1 | AFM1-1 | | | BAM2-2 | BAM2-2 | BAM2-2 |
| REYNOLDS PAUL | | | | | | | | | | | | | | | | | | | | | | | | | |
| GOODMAN AMANDA | | | | | | | | BAM2-2, B | BAM2-2, B | BAM2-2, B | | | | | | | | | | | | | | | |
| SULLIVAN GEORGE | | | BRC2-1 | BRC2-1 | BRC2-1 | | | BCIT1-1 | BCIT1-1 | BCIT1-1 | | | BAM2-2 | BAM2-2 | | | | | | | | | | | |
| EVANS LOUIS | | | | | | | | BAM1-2 | BAM1-2 | BAM1-2 | | | | | | | | BAM1-3 | BAM1-3 | BAM1-3 | | | BAM3-5 | BAM3-5 | BAM3-5 |
| HOFFER NICHOLAS | | | BCIT1-1 | BCIT1-1 | BCIT1-1 | | | | | | | | | | | | | | | | | | | | |
| SPENCER JOHN | | | | | | | | | | | | | AFM3-1 | AFM3-1 | AFM3-1 | | | | | | | | BRC1-1 | BRC1-1 | BRC1-1 |
| STEIN BARBARA | | | | | | | | | | | | | | | | | | BAM2-2, B | BAM2-2, B | BAM2-2, B | | | BAM3-1 | BAM3-1 | |
| QUINN LIZZY | | | | | | | | BRC2-1 | BRC2-1 | BRC2-1 | | | | | | | | BCIT2-1 | BCIT2-1 | BCIT2-1 | | | | | |
| CRAM MADONNA | | | | | BAM2-5 | | | | | | | | | | | | | | | | | | | | |
| SCHMIDT JAMIE | | | | | | | | | | BAM3-6 | | | BRC2-1 | BRC2-1 | BRC2-1 | | | | | | | | BAM3-3 | BAM3-3 | BAM3-3 |
| THOMPSON TEDDY | | | | | | | | | | | | | | | | | | | | | | | AFM1-2 | AFM1-2 | AFM1-2 |
| GREENWOOD GAREY | | | | | | | | BAM1-4, B | BAM1-4, B | BAM1-4, B | | | | | | | | | | | | | | | |
| HANFORD RALPH | | | | | | | | | | | | | | | | | | | | | | | | | |

+ and - (plus, minus) signs can be clicked to show more or less activities inside one day in a week. Grey quadrant can be moved left or right in order to navigate through all groups inside that one day in a week. It can be also done with arrows on the both sides for one day.



Resize all to

This is a special up-list menu where you can resize the whole magnetic board to how many groups you want to.

Wise Timetable Release notes

| | | | | | | |
|-----------------|-----------|--|---------|---------|---------|--|
| ALTMAN ANDREW | | | BAM3-1 | BAM3-1 | BAM3-1 | |
| BAKER COLIN | 1 group | | | | | |
| ROSS JANET | 2 groups | | BAM3-3 | BAM3-3 | BAM3-3 | |
| MILES STEVE | 3 groups | | | | | |
| REYNOLDS PAUL | 4 groups | | | | | |
| GOODMAN AMANDA | 5 groups | | | | | |
| SULLIVAN GEORGE | 6 groups | | | | | |
| EVANS LOUIS | 7 groups | | | | | |
| HOFFER NICHOLAS | 8 groups | | | | | |
| SPENCER JOHN | 9 groups | | | | | |
| STEIN BARBARA | 10 groups | | BRC2-1 | BRC2-1 | BRC2-1 | |
| QUINN LIZZY | 11 groups | | | | | |
| CRAM MADONNA | 12 groups | | | | | |
| SCHMIDT JAIME | 13 groups | | | | | |
| THOMPSON TEDDY | 14 groups | | BCIT1-1 | BCIT1-1 | BCIT1-1 | |
| GREENWOOD GAREY | 15 groups | | | | | |
| HANFORD RALPH | 16 groups | | | | | |
| | 17 groups | | | | | |
| | 18 groups | | | | | |
| | 19 groups | | | | | |
| | 20 groups | | | | | |
| | 21 groups | | | | BAM2-5 | |
| | 22 groups | | | | | |
| | 23 groups | | | | | |
| | 24 groups | | | | | |
| | 25 groups | | | | | |
| | 26 groups | | | | | |
| | 27 groups | | | | | |
| | 28 groups | | | | | |
| | 29 groups | | | | | |
| | 30 groups | | | | | |

Resize all to:
 Start all at:

Start all at

This is a special up-list menu where you can set the time from which the whole schedule will start every day in a week that is presented on Magnetic board.

Wise Timetable Release notes

| | | | | | | | |
|-----------------|--|--|---------|---------|--------|--|--|
| MURRAY BEN | | | | | | | |
| ALTMAN ANDREW | | | BAM3-1 | BAM3-1 | BAM3-1 | | |
| BAKER COLIN | | | | | 07:00 | | |
| ROSS JANET | | | BAM3-3 | BAM3-3 | 07:30 | | |
| MILES STEVE | | | | | 08:00 | | |
| REYNOLDS PAUL | | | | | 08:30 | | |
| GOODMAN AMANDA | | | | | 09:00 | | |
| SULLIVAN GEORGE | | | BRC2-1 | BRC2-1 | 09:30 | | |
| EVANS LOUIS | | | | | 10:00 | | |
| HOFFER NICHOLAS | | | BCIT1-1 | BCIT1-1 | 10:30 | | |
| SPENCER JOHN | | | | | 11:00 | | |
| STEIN BARBARA | | | | | 11:30 | | |
| QUINN LIZZY | | | | | 12:00 | | |
| CRAM MADONNA | | | | | 12:30 | | |
| SCHMIDT JAIME | | | | | 13:00 | | |
| THOMPSON TEDDY | | | | | 13:30 | | |
| GREENWOOD GAREY | | | | | 14:00 | | |
| HANFORD RALPH | | | | | 14:30 | | |
| | | | | | 15:00 | | |
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| | | | | | 21:00 | | |
| | | | | | 21:30 | | |

Resize all to:
 Start all at:

Cancel or Accept

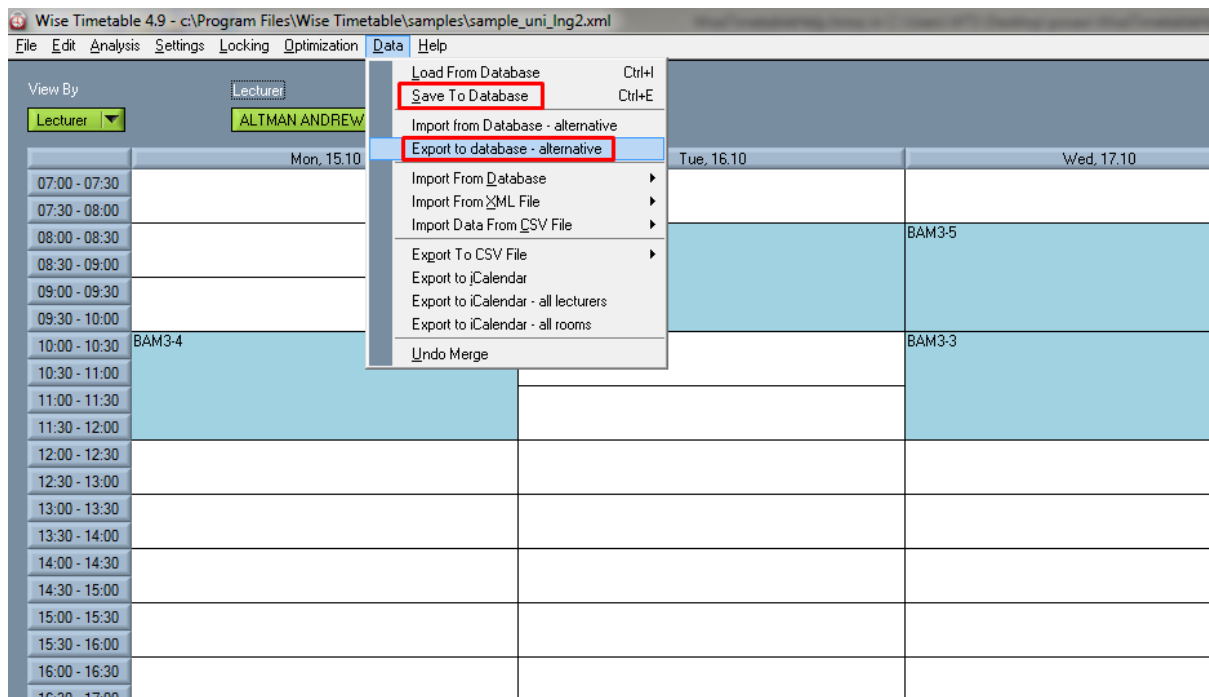
Click Cancel if you don't want to save changes that you made on a Magnetic board.

Click Accept if you want to save changes that you made on a Magnetic board.

29. Two simultaneous databases for recording data

Data can now be recorded in two different databases simultaneously – which helps a lot in organization of the schedule. The first one is production database (which can be seen by students, professors in public) and "alternative" or a testing database only seen by admin and people that admin chooses - it is database for the probe or in the case when the schedule is still in the process of making for the next semester (through this phase it could be shown to professors to check their opinions etc). It is shown at the beginning of the Data menu, as you can see in the following picture:

Wise Timetable Release notes



you can check these options in the WTT file called dbsettings.ini (Computer → Program files → Wise Timetable → dbsettings.ini) - first two are production databases and other two alternative databases, as you can check in the following picture:

