Mapped Fields in Colleague UniData for LYNX

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This page identifies the UniData Datafiles and Fields that are used for the LYNX integration between Colleague and 25Live. Bolded Field names indicate which key is the Primary Key for a specific Datafile.

Most Fields only require READ access, but some in COURSE.SEC.MEETING requires UPDATE access as well.

> ℹ️ **Meeting Pattern Update Behavior**
>
> **Most of the time, customers will only update the Building (CSM.BLDG) and Room (CSM.ROOM) assignments in 25Live.**
>
> The following fields can be updated during a Location assignment export from 25Live within COURSE.SEC.MEETING.

- CSM.START.TIME
- CSM.END.TIME
- CSM.START.DATE
- CSM.END.DATE
- CSM.SUNDAY
- CSM.MONDAY
- CSM.TUESDAY
- CSM.WEDNESDAY
- CSM.THURSDAY
- CSM.FRIDAY
- CSM.SATURDAY
- CSM.DAYS
- CSM.BLDG
- CSM.ROOM
- SEC.LOCATION

If any fields from the above list (matching CSM.*) are modified during an export from 25Live to Colleague, the following internal Colleague functions are called.
S.UPDT.FAC.SCHEDULES(X.SECTION, "D")
S.BUILD.SEC.SCHEDULES(X.SECTION, ERROR.OCCURRED, MSG, "1")
S.UPDT.FAC.SCHEDULES(X.SECTION, "A")

This will unassign Faculty IDs from the modified records in CALENDAR.SCHEDULES, update the section records, then add the Faculty IDs back to the new records in CALENDAR.SCHEDULES.

Mapped Datafiles

ACAD.LEVELS

Field	Access Needed
ACAD.LEVELS.ID	READ
ACLV.DESC	READ
ACLV.CHGDATE	READ
ACLV.ADDATE	READ

BUILDINGS

Field	Access Needed
BUILDINGS.ID	READ

Field	Access Needed
BLDG.DESC	READ
BLDG.LOCATION	READ
BLDG.TYPE	READ
BLDG.LONG.DESC	READ
BLDG.INSTITUTION.CODE	READ
BLDG.CHGDATE	READ
BLDG.ADDATE	READ

COURSE.SEC.FACULTY

Field	Access Needed
COURSE.SEC.FACULTY.ID	READ
CSF.SECTION.TERM	READ
CSF.COURSE.SECTION	READ
CSF.FACULTY	READ
CSF.INSTR.METHOD	READ
CSF.TEACHING.ARRANGEMENT	READ
CSF.FACULTY.PCT	READ
CSF.CHGDATE	READ
CSF.ADDDATE	READ

✅ **Tip: Use The LYNX Overlapping Section Binding in Place of CRMG (Common Room Groups)**

When switching from an older TCS interface to LYNX, we recommend you use the Overlapping Section Binding option in place of CRMG (Common Room Groups).

COURSE.SEC.MEETING

Field	Access Needed
COURSE.SEC.MEETING.ID	READ
CSM.COURSE.SECTION	READ

Field	Access Needed
CSM.START.DATE	READ, UPDATE
CSM.END.DATE	READ, UPDATE
CSM.BLDG	READ, UPDATE
CSM.ROOM	READ, UPDATE
CSM.INSTR.METHOD	READ
CSM.START.TIME	READ, UPDATE
CSM.END.TIME	READ, UPDATE
COURSE.SEC.MEETING.ADDDATE	READ
COURSE.SEC.MEETING.CHGDATE	READ, UPDATE
CSM.MONDAY	READ, UPDATE
CSM.TUESDAY	READ, UPDATE
CSM.WEDNESDAY	READ, UPDATE
CSM.THURSDAY	READ, UPDATE
CSM.FRIDAY	READ, UPDATE
CSM.SATURDAY	READ, UPDATE
CSM.SUNDAY	READ, UPDATE
CSM.FREQUENCY	READ
CSM.SEC.TERM	READ
CSM.SEC.LOCATION	READ
CSM.EQUIPMENT	READ
CSM.EQUIPMENT.QTY	READ

COURSE.SEC.XLISTS

Field	Access Needed
COURSE.SEC.XLISTS.ID	READ
CSXL.CAPACITY	READ
CSXL.SECS	READ
CSXL.PRIMARY.SECTION	READ

Field	Access Needed
SEC.TERM	READ
COURSE.SEC.XLISTS.CHGDATE	READ
COURSE.SEC.XLISTS.ADDDATE	READ

COURSE.SECTIONS

Field	Access Needed
COURSE.SECTIONS.ID	READ
SEC.SHORT.TITLE	READ
SEC.SCHED.TYPE	READ
SEC.LOCATION	READ
SEC.MIN.ENROLL	READ
SEC.CAPACITY	READ
SEC.SUBJECT	READ
SEC.CEUS	READ
SEC.MIN.CRED	READ
SEC.MAX.CRED	READ
SEC.TERM	READ
SEC.INSTR.METHODS	READ
SEC.COURSE.NO	READ
SEC.NO	READ
COURSE.SECTIONS.CHGDATE	READ
COURSE.SECTIONS.ADDDATE	READ
SEC.COURSE	READ
SEC.ACAD.LEVEL	READ
SEC.XLIST	READ
SEC.CRED.TYPE	READ
SEC.START.DATE	READ
SEC.END.DATE	READ

Field	Access Needed
SEC.SCHED.CAPACITY	READ
SEC.NAME	READ
SEC.NO.WEEKS	READ
SEC.CIP	READ
SEC.MEETING	READ
SEC.ACTIVE.STUDENTS	READ
SEC.DEPTS	READ
SEC.DEPTS.PCTS	READ
SEC.EQUIPMENT.QTY	READ
SEC.EQUIPMENT.REQD	READ
SEC.STATUS	READ
SEC.STATUS.DATE	READ

COURSES

Field	Access Needed
COURSES.ID	READ
CRS.TITLE	READ
CRS.CRED.TYPE	READ
CRS.NAME	READ
CRS.SESSIONS.CYCLE	READ
CRS.YEARLY.CYCLE	READ
CRS.SHORT.TITLE	READ
CRS.SUBJECT	READ
CRS.MIN.CRED	READ
CRS.MAX.CRED	READ
CRS.NO	READ
CRS.CIP	READ
CRS.START.DATE	READ

Field	Access Needed
CRS.END.DATE	READ
CRS.ACAD.LEVEL	READ
CRS.SCHED.TYPE	READ
COURSES.CHGDATE	READ
COURSES.ADDDATE	READ
CRS.CEUS	READ
CRS.CAPACITY	READ
CRS.MIN.ENROLL	READ
CRS.SCHED.CAPACITY	READ

DEPTS

Field	Access Needed
DEPTS.ID	READ
DEPTS.DESC	READ
DEPTS.DIVISION	READ
DEPTS.SCHOOL	READ
DEPTS.ACAD.LEVEL	READ
DEPTS.TYPE	READ
DEPTS.INSTITUTIONS.ID	READ
DEPTS.CHGDATE	READ
DEPTS.ADDDATE	READ

DIVISIONS

Field	Access Needed
DIVISIONS.ID	READ
DIV.DESC	READ
DIV.SCHOOL	READ
DIV.ACAD.LEVEL	READ

Field	Access Needed
DIV.TYPE	READ
DIV.INSTITUTIONS.ID	READ
DIV.CHGDATE	READ
DIV.ADDDATE	READ

EQUIPMENT

Field	Access Needed
EQUIPMENT.ID	READ
EQP.DESC	READ
EQP.CATEGORY	READ
EQP.CHGDATE	READ
EQP.ADDDATE	READ

INSTR.METHODS

ℹ️ **Note:** Instruction Method/Code is Not Mapped in Colleague (MSS/ORA)

Field	Access Needed
INSTR.METHODS.ID	READ
INM.DESC	READ
INM.ONLINE	READ
INM.CATEGORY.CODE	READ
INM.CHGDATE	READ
INM.ADDDATE	READ

LOCATION.REGIONS

Field	Access Needed
LOCATION.REGIONS.ID	READ

Field	Access Needed
LOCR.DESC	READ
LOCR.START.DATE	READ
LOCR.END.DATE	READ
LOCR.DIVISIONS	READ
LOCR.CHGDATE	READ
LOCR.ADDDATE	READ

LOCATIONS

Field	Access Needed
LOCATIONS.ID	READ
LOC.DESC	READ
LOC.CAMPUS.LOCATION	READ
LOC.REGION	READ
LOC.TYPE	READ
LOC.CHGDATE	READ
LOC.ADDDATE	READ

PARTITIONS

Field	Access Needed
PARTITIONS.ID	READ
PRTN.DESC	READ
PRTN.CHGDATE	READ
PRTN.ADDDATE	READ

PERSON

Field	Access Needed
ID	READ
LAST.NAME	READ

Field	Access Needed
FIRST.NAME	READ
MIDDLE.NAME	READ
PERSON.EMAIL.ADDRESSES	READ
PERSON.EMAIL.TYPES	READ
PERSON.PREFERRED.EMAIL	READ
PERSON.CHGDATE	READ
PERSON.ADDDATE	READ

> LYNX only collects information for Instructors assigned to a Section from the PERSON datafile. No Student information is needed.

ROOMS

Field	Access Needed
ROOMS.ID	READ
ROOMS.BLD.ID	READ
ROOMS.ROOM.ID	READ
ROOM.NAME	READ
ROOM.CAPACITY	READ
ROOM.MIN.NO.PEOPLE	READ
ROOM.TYPE	READ
ROOM.RESPONSIBLE.DEPT	READ
ROOM.PARTITION	READ
ROOM.CIP	READ
ROOM.AREA	READ
ROOM.CHGDATE	READ
ROOM.ADDDATE	READ

SCHED.TYPES

Field	Access Needed
SCHED.TYPES.ID	READ
SCTP.DESC	READ
SCTP.CHGDATE	READ
SCTP.ADDDATE	READ

SUBJECTS

Field	Access Needed
SUBJECTS.ID	READ
SUBJ.DESC	READ
SUBJ.CHGDATE	READ
SUBJ.ADDDATE	READ

TERMS

Field	Access Needed
TERMS.ID	READ
TERM.REPORTING.YEAR	READ
TERM.DESC	READ
TERM.START.DATE	READ
TERM.END.DATE	READ
TERM.SESSION	READ
TERM.CHGDATE	READ
TERM.ADDDATE	READ

CORE.VALCODES

Field	Access Needed
VALCODE.ID	READ
VAL.MINIMUM.INPUT.STRING	READ
VAL.INTERNAL.CODE	READ

Field	Access Needed
VAL.EXTERNAL.REPRESENTATION	READ
VAL.CHGDATE	READ
VAL.ADDDATE	READ

ST.VALCODES

Field	Access Needed
VALCODE.ID	READ
VAL.MINIMUM.INPUT.STRING	READ
VAL.INTERNAL.CODE	READ
VAL.EXTERNAL.REPRESENTATION	READ
VAL.CHGDATE	READ
VAL.ADDDATE	READ

> ℹ️ **Valcodes Collected**
>
> LYNX collects the following VALCODES:
>
> - BUILDING.TYPES
> - PERSON.EMAIL.TYPES
> - ROOM.CHARACTERISTICS
> - SECTION.STATUSES
> - COURSE.LEVELS
> - COURSE.STATUSES
> - COURSE.TYPES
> - TEACHING.ARRANGEMENTS