

# Student Section Association (Nebraska v3.5)

Last Modified on 06/11/2024 9:53 am CDT

[Previous Versions](#)

This association indicates the course sections to which a student is assigned.

## Object Triggering Logic

This table describes logic for triggering syncing of this object.

Action	Trigger
Post	When a student is scheduled into a course section. <ul style="list-style-type: none"> <li>• A record will report for each Section record that is reported based on the Sections logic.</li> <li>• If roster start date is after the term end date, do not report a record for the prior term.</li> <li>• Only send records if the student has an enrollment in the schedule structure where the student is scheduled and is not marked as No Show or State Exclude.</li> <li>• Do not send records if the Calendar Exclude check box is checked.</li> <li>• Do not send records if the School Exclude check box is checked.</li> <li>• Do not send records if the Course is marked as Inactive or Exclude.</li> <li>• Report a record when a new section is created for an existing course.</li> </ul>
Post	Send a new record if a student's roster start date is changed.
Put	When section information is updated for a student or section. <ul style="list-style-type: none"> <li>• Update when the course or section's homeroom field is changed.</li> </ul>
Delete	When a student is deleted from a course section.
Delete	Delete any future records if the student is given a roster end date for the course. <ul style="list-style-type: none"> <li>• Roster End Date must be before Term Start date of future records</li> </ul>
Delete/Post	Delete the record if a student's roster start date is changed.

## School Exclude, Calendar Exclude, Resource Toggle and Resync Logic

This table describes the School Exclude, Calendar Exclude, Resource Toggle and Resync logic of this object.

Action	Trigger
None	If a resource is toggled to 'OFF' after data has sent, all sent data will remain in the ODS but no new data will send.
Resync	If a record is in the Ed-Fi Identity Mapping table and not in the ODS, it will be deleted from the Ed-Fi Identity Mapping table.
Resync	If a record is in the ODS and it does not have a matching record in Campus or the Ed-Fi Identity Mapping table, it will be deleted from the ODS.
Resync	If a mapping is changed in Resource Preferences, a resync will need to be done to reflect the changes.

## Natural Key Changes, Cascading Updates, and Deletes Logic

This table describes the Natural Key Changes/Cascading Updates and Deletes logic of this object.

Action	Trigger
Delete/Post	Natural Key change: <ul style="list-style-type: none"> <li>• The natural key logic from Sections and Students will update this resource if they change.</li> <li>• If the students Begin Date changes.</li> </ul>

Action	Trigger
Delete/Post	If the natural key changes all dependent data will delete/post. <ul style="list-style-type: none"> <li>Student Section Attendance Events, Grades</li> </ul>

## Scope Year Logic

This table describes scope year logic of this object.

Logic
Reports records in the scope year in which the course/section's calendar is aligned. <ul style="list-style-type: none"> <li>Data will only send for years that have valid configuration.</li> </ul>

## Resource Preferences

Data Element Label	Mapping Needed
Attempt Status Descriptors	Score List Item State Score

## Event Queue Detail

This table describes the Event Queue Detail of this object.

Campus Table	Ed-Fi Action	Fields
roster	Post/Put/Delete	The primary table used for sending data for this resource.
roster	Put	End date
terms	Put	End date
course	Put	homeroom
section	Put	homeroom

## Object Data Elements

This table describes data elements sent within the Student Section Association resource.

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Databa
id	The unique identifier of the resource.		M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
<b>beginDate</b>	Month, day and year of the student's entry or assignment to the section. If blank, default is the start date of the first grading period.	<ol style="list-style-type: none"> <li>Report the roster start date for the term record in which the start date occurs               <ul style="list-style-type: none"> <li>For any records in the future terms for that course, use the earliest term start date</li> </ul> </li> <li>If Start Date is NULL, report the earliest term start date associated with the term descriptor selected for this section based on section schedule placement.</li> </ol>	M	Student Information> General> Schedule> Roster Start Date  OR  System Administration> Calendar> Calendar> Terms	roster.st or terms.st
<b>sectionReference</b>	A reference to the related Section resource.	Reports the fields that are part of the Natural Key for the Section resource.	M		
<b>studentReference</b>	A reference to the related Student resource.	Reports the fields that are part of the Natural Key for the Student resource.	M		
attemptStatusDescriptor	An indication of the student's attempt status for the section.	<ol style="list-style-type: none"> <li>If a grade is given to a student that has a state mapping of "Pass", then send AttemptStatus in the StudentSectionAssociation as "Pass".               <ul style="list-style-type: none"> <li>If the grade given to a student has no state mapping, send the AttemptStatus in the StudentSectionAssociation as "Pass".</li> </ul> </li> <li>If a grade is given to a student that has a state mapping of "Fail", then send the AttemptStatus in the StudentSectionAssociation as "Fail".</li> <li>If a grade is given to a student that has a state mapping of "Incomplete", then send the AttemptStatus in the StudentSectionAssociation as "Incomplete".</li> <li>If a grade is given to a student that has a state mapping of "Withdrawn", then send the AttemptStatus in the StudentSectionAssociation as "Withdrawn".</li> <li>If a grade is given to a student that has a state mapping of "Audited", then send the AttemptStatus in the StudentSectionAssociation as "Audited".</li> </ol>	M		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Databa:
endDate	Month, day, and year of the withdrawal or exit of the student from the section.	<ol style="list-style-type: none"> <li>Report the roster end date for the student . <ul style="list-style-type: none"> <li>If a roster end date is entered, delete any records for future terms for that section</li> </ul> </li> <li>If NULL, report the latest term start date associated with the term descriptor selected for this section based on section schedule placement</li> </ol>	O	Student Information> General> Schedule> Roster End Date  OR  System Administration> Calendar> Calendar> Terms	roster.er or terms.er
homeroomIndicator	Indicator that the class is the student's designated homeroom used for daily attendance reporting.	<ol style="list-style-type: none"> <li>Report "True" if the check box is checked on either the Section or the Course the section is assigned to.</li> <li>Else, report False.</li> </ol>	O	Scheduling> Course> Homeroom  or  Scheduling> Course> Section> Homeroom	course.h or section.h
repeatIdentifierType	An indication as to whether a student has previously taken a given course.	Does not report, this data is not collected in Campus.	O		
teacherStudentDataLinkExclusion	Indicates that the student-section combination is excluded from calculation of value-added or growth attribution calculations used for a particular teacher evaluation.	Does not report, this data is not collected in Campus.	O		

Data Element Label	Business Requirement	Business Rules	M, C or O	Data Source GUI Path	Database
DualCreditEligible		<ol style="list-style-type: none"> <li>1. If a course is marked as Dual Credit Eligible, report True for all Students in sections, unless a student is marked Dual Credit on the roster, then only report marked students.</li> <li>2. If a section is marked Dual Credit Eligible, report that section only, UNLESS the course is marked Dual Credit Eligible, unless a student is marked Dual Credit on the roster, then only report marked students.               <ul style="list-style-type: none"> <li>◦ If a course is not marked, report for sections that are marked, unless the student is marked as Dual Credit, then only report marked students.</li> </ul> </li> </ol>	C	Index> Course/Section> Dual Credit Eligible  OR  Index> Course/Section> Section> Dual Credit Eligible	
etag	A unique system-generated value that identifies the version of the resource		O		

## Previous Versions

[Nebraska Ed-Fi Data v3.5 - Student Section Association \[.2136 - .2227\]](#)