

# Student Enrollment Interchange - v2.0

## Overview

The Student Enrollment interchange describes student enrollments in schools and in sections.

Like all standard Ed-Fi interchanges, this schema references the Ed-Fi Core XSD and can be extended using the Ed-Fi Extensions Framework. See the [Ed-Fi Data Standard: Developers' Guide](#) for more information.

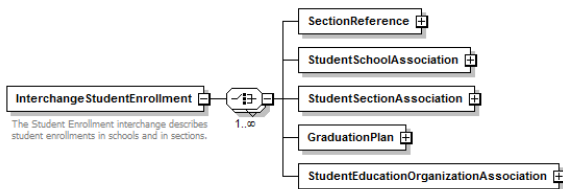
## Use Cases

The Student Enrollment Interchange can be used to:

1. Exchange school or LEA student enrollment lists.
2. Exchange school enrollment accountability information.
3. Exchange an individual student's enrollment history.
4. Exchange students' class section enrollments.
5. Exchange students' graduation plans.

## Model Details

The following figure shows a logical view of the Student Enrollment Interchange schema:



## Entities

The following table describes the primary entities of which the Student Enrollment Interchange is composed.

Name	Description
SectionReference	Provides reference information for Section to be used within the enrollment interchange.
StudentSchoolAssociation	This association represents the School in which a student is enrolled. The semantics of enrollment may differ slightly by state. Non-enrollment relationships between a student and an education organization may be described using the StudentEducationOrganizationAssociation.
StudentSectionAssociation	This association indicates the course sections to which a student is assigned.
GraduationPlan	This entity is a plan outlining the required credits, credits by subject, credits by course, and other criteria required for graduation. A graduation plan may be one or more standard plans defined by an education organization and/or individual plans for some or all students.
StudentEducationOrganizationAssociation	This association indicates any relationship between a student and an education organization other than how the state views enrollment. Enrollment relationship semantics are covered by StudentSchoolAssociation.

## Extended References

This interchange includes the following Extended References.

### Downloads

The following link is a ZIP archive containing the XSD for the **Student Enrollment Interchange v2.0** along with the **Ed-Fi Core XSD** and a **Sample XML Data File**:

[Interchange-StudentEnrollment-Bundle.zip](#)

A ZIP archive containing all v2.0 Ed-Fi Standard Interchange Schema can be found in the [Download Directory](#).

Extended Reference Name	Description
AssessmentReference	Optional. The assessment needed to satisfy graduation requirements.
CourseOfferingReference	Optional. The course offering taught in the Section.
CourseReference	Optional. The course reference that identifies the organization of subject matter and related learning experiences provided for the instruction of students.
EducationOrganizationReference	Required/Optional. Refers to the education organization related to the student and/or optionally indicates the education organization that defined a standard graduation plan. Individualized plans do not require this reference.
LocationReference	Optional. The location, typically a classroom, where the Section meets.
SchoolReference	Required. Relates enrollments to the school.
StudentReference	Required. Relates the exchanged enrollment data to a unique student

## Descriptor Dependencies

This interchange references the following Ed-Fi Descriptors, thus requiring them to have been defined using the Descriptors interchange prior to this interchange. For more information on the Ed-Fi Descriptor Pattern, see the [Ed-Fi Data Standard - Developers' Guide](#).

Descriptor Name	Description
AcademicSubjectDescriptor	Optional. The intended major subject area of the graduation requirement.
CountryDescriptor	Optional. This descriptor defines the name and code of the country.
EducationOrganizationIdentificationSystemDescriptor	Optional. This descriptor identifies the school system, state, or agency assigning the identification code.
EntryGradeLevelDescriptor	Required. The grade level or primary instructional level at which a student enters and receives services in a school or an educational institution during a given academic session.
EntryTypeDescriptor	Optional. The process by which a student enters a school during a given academic session.
ExitWithdrawTypeDescriptor	Optional. The circumstances under which the student exited from membership in an educational institution.
GraduationPlanTypeDescriptor	Required. The type of academic plan the student is following for graduation: for example, Minimum, Recommended, Distinguished, or Standard.
PerformanceLevelDescriptor	Optional. The performance level(s) defined for the assessment.
ResidencyStatusDescriptor	Optional. An indication of the location of a persons legal residence relative to (within or outside of) the boundaries of the public school attended and its administrative unit.
ResponsibilityDescriptor	Required. Indications of an education organization's responsibility for a student, such as accountability, attendance, funding, etc.
StudentIdentificationSystemDescriptor	Optional. A coding scheme that is used for identification and record-keeping purposes by schools, social services, or other agencies to refer to a student.
WhenTakenGradeLevel	Optional. The grade level when the student is planned to take the course.