

# Ed-Fi 3.x Graduation Plan Entity Mapping

## Overview

This document defines the mapping of Aeries data to the Ed-Fi data standard.



## Status

Ready for v3 certification.

**Document Version** 1.0

**Last Updated** 07 Nov 2021

## Description

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.

## Graduation Plan Links

### Mapping v3.2.0-c

<https://mappingedu.ed-fi.org/#/entity/3b016848-e7ba-ea11-80df-005056b36109/info?dataStandardId=7ec6133d-e7ba-ea11-80df-005056b36109>

### Schema v3.2.0-c

<https://schema.ed-fi.org/datahandbook-v320c/#/GraduationPlan562>

### API v3.4.0

<https://api.ed-fi.org/v3.4.0/docs/index.html#/graduationPlans>

### Scenarios v3

<https://techdocs.ed-fi.org/display/EDFICERT/v3+Student+Enrollment+%3E+Graduation+Plan+Scenarios>

## Natural Key

- EducationOrganizationId
- GraduationPlanTypeDescriptor
- GraduationSchoolYear

## Used By

- StudentSchoolAssociation.GraduationPlan (as optional collection)

## Entity Mapping

Parent	Property	Type	Required	Table	Field	Other	Code / Notes
\	creditsByCourses	List(Of GraduationPlan CreditsByCourse)	Optional				
creditsByCourses	courses	List(Of GraduationPlan CreditsByCourseCourse)	Optional				
creditsByCourses\courses	courseReference	CourseReference	Optional				
creditsByCourses\courses\courseReference	code	String	Optional				
creditsByCourses\courses\courseReference	educationOrganizationId	Integer	Optional				
creditsByCourses	courseSetName	String	Optional				
creditsByCourses	creditConversion	Decimal	Optional				
creditsByCourses	credits	Decimal	Optional				
creditsByCourses	creditTypeDescriptor	Descriptor	Optional				
creditsByCourses	whenTakenGradeLevel Descriptor	Descriptor	Optional				

\	creditsBySubjects	List(Of GraduationPlan CreditsBySubject)	Optional				
creditsBySubjects	academicSubject Descriptor	Descriptor	Optional	REQ	CD	CRS.S1 Code Values	GetEdFiCodeValue(AcademicSubjectDescriptor, "CRS", "S1", row!CD)
creditsBySubjects	creditConversion	Double	Optional				
creditsBySubjects	credits	Double	Optional	REQ	C1-C4	Credits	GetNullableDouble(row!Credits)
creditsBySubjects	creditTypeDescriptor	Descriptor	Optional				
\	educationOrganization Reference	EducationOrganization Reference	Identity				
educationOrganization Reference	educationOrganizationId	Integer	Identity	REQ	SC		GetNullableInteger(s("SC"))
\	graduationSchoolYear TypeReference	SchoolYearType Reference	Identity				
graduationSchoolYear TypeReference	schoolYear	Integer	Identity	DAY	YR + 1	GraduationYear	GetNullableDouble(s("GraduationYear"))
\	individualPlan	Boolean	Optional			Hard coded to False	GetNullableBoolean(False)
\	requiredAssessments	List(Of GraduationPlan RequiredAssessment)	Optional				
requiredAssessments	assessment PerformanceLevel	GraduationPlan RequiredAssessment Assessment PerformanceLevel	Optional				
requiredAssessments \assessment PerformanceLevel	assessmentReporting MethodDescriptor	Descriptor	Optional				
requiredAssessments \assessment PerformanceLevel	maximumScore	String	Optional				
requiredAssessments \assessment PerformanceLevel	minimumScore	String	Optional				
requiredAssessments \assessment PerformanceLevel	performanceLevel Descriptor	String	Optional				
requiredAssessments \assessment PerformanceLevel	resultDatatypeTypeDescriptor	Descriptor	Optional				
requiredAssessments	assessmentReference	AssessmentReference	Optional				
requiredAssessments \assessmentReference	identifier	String	Optional				
requiredAssessments \assessmentReference	namespace	String	Optional				
requiredAssessments	scores	List(Of GraduationPlan Required AssessmentScore)	Optional				
requiredAssessments\scores	assessmentReporting MethodDescriptor	Descriptor	Optional				
requiredAssessments\scores	maximumScore	String	Optional				
requiredAssessments\scores	minimumScore	String	Optional				
requiredAssessments\scores	resultDatatypeTypeDescriptor	Descriptor	Optional				
\	totalRequiredCredit Conversion	Double	Optional				
\	totalRequiredCredits	Double	Required	REQ	TotalCredits		GetNullableDouble(s("TotalCredits"))
\	totalRequiredCreditType Descriptor	Descriptor	Optional				
\	graduationPlanType Descriptor	Descriptor	Identity	REQ	GRT		GetEdFiCodeValue(GraduationPlanType Descriptor, "REQ", "GRT", rowREQ!GRT)