

Technical Specification

Admission API



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1 Introduction

The Admission API in Lifecare Exchange Services provides services that make it possible to set the admission information. The services in the Admission API are accessed via URIs.

The Admission API is divided into following two parts:

- 1) "Admission of students"
The admission information that can be imported via the API follows the standard "SS 10701:2012 Education information for secondary education admission". "IMS LIP" is used for data coding of the admission information.
- 2) "Admission of external students"
This part of the API is used for admission of external students, e.g. students that studies in a school in another municipality.

This document refers to documentation/standard where you can find information about:

- Which admission information that a user can set via the Admission API.
- How the admission information is divided into entities/classes and how these entities are structured.

1.1 Prerequisites

Before you can get access to the Admission API you must request a license key from Tieto. You should have basic knowledge on Swedish school system, SS 10701:2012, IMS LIP and W3C XML before you start using the API.

2 Supported school types

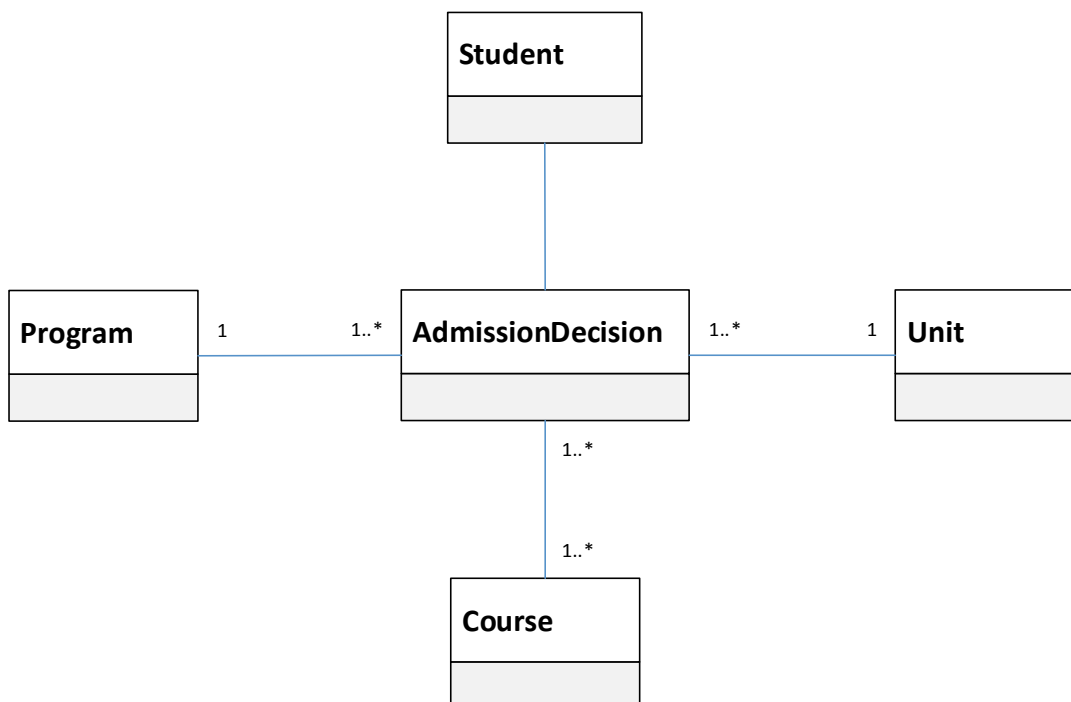
The table below describes the supported types of school.

School type	Description	Code
Upper Secondary School	Secondary school, 3-4 years education	GY
Upper Secondary School For Learning Disabilities	Secondary school for learning disabilities	GS

3 Admission of students

3.1 Domain model

The diagram below describes how the information is divided into entities and how these entities are structured.



3.2 Entities

3.2.1 Student

Name	Description	Read-only
studyresult (See Error! Reference source not found.)	Study result at compulsory school	No
unit (See 3.2.2)	Compulsory school	No
admissiondecision (See 3.2.2)	Admission decision	No
identification.demographics.uid	Identity for the applicant	No
identification.name.first	Student's first name.	No
identification.name.last	Student's last name.	No
identification.demographics.gender	Gender F Female M Male NA Unknown	No
identification.address.street	Street address	No

Name	Description	Read-only
identification.address.postcode	Postal code	No
identification.address.city	City	No
identification.ext_identification.municipality_code	Municipality code	No
identification.contactinfo.telephone.areacode	Area code	No
identification.contactinfo.telephone.indnumber	Telephone number	No
identification.contactinfo.email	Email address	No
identification.contactinfo.mobile.indnumber	Mobile phone number	No
accessibility.language	Native language	No
activity.classname	Class name at current school	No

3.2.2 AdmissionDecision

Name	Description	Read-only
unit	Unit (See chapter 3.2.2)	No
program	Program (See chapter 3.2.4)	No
courses	Courses (See chapter 3.2.5)	No
activity.date.datetime	Date and time	No
activity.definition.mottagande		

3.2.3 Unit

Name	Description	Read-only
activity.definition.huvudmannatyp		
activity.definition.skolenhetskod	School unit code	No
activity.definition.schoolname	School name	No
activity.definition.skolform	School type	No

3.2.4 Program

Name	Description	Read-only
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Name	Description	Read-only
activity.definition.studieväg	Course of study	No
activity.definition.branch	Program orientation	No
activity.priority		No

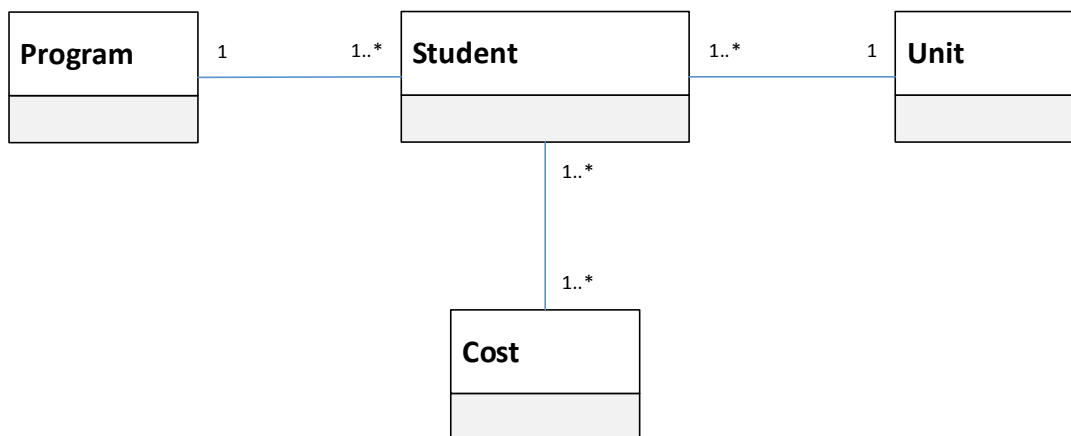
3.2.5 Course

Name	Description	Read-only
activity.activity.coursecode	Subject code	No
activity.activity.coursetypeadm	Type of subject	No

4 Admission of external students

4.1 Domain model

The diagram below describes how the information is divided into entities and how these entities are structured.



4.2 Entities

4.2.1 Student

Name	Description	Read-only
id	Person id for the applicant	No
unit (See 4.2.2)	Unit	No
program (See 4.2.3)	Program	No
educationcosts (See 4.2.4)	Costs	No

4.2.2 Unit

Name	Description	Read-only
name	School name	No
address	Street address	No
pcode	Postal code	No
city	City	No

Name	Description	Read-only
phone	Phone	No
email	Email address	No
municipalitycode	Municipality code	No
governedby	Governed by	No
schoolunitcode	School unit code	No
schooltype	School type	No

4.2.3 Program

Name	Description	Read-only
code	Program code	No
profile	Profile	No
variant	Variant	No
schoolyear	School year	No
start	Start date	No
end	End date	No

4.2.4 EducationCosts

Name	Description	Read-only
price	Price	No
code	Code	No
comments	Comments	No

5 Services

All services are based on HTTP REST technology and organized in school types to match each school structure. "Update services" are using the method HTTP POST and "Get services" are using the method HTTP GET.

5.1 Admission of students

5.1.1 Export

Export of admission information is not supported.

5.1.2 Import

The services below update or add new admission. The services take no parameters.

Base path for services are: <https://host/les/admission/v1/admission.svc/>

Services:

Service	Description
UpdateUpperSecondarySchoolAdoptedStudents	Update or add new admission information for adopted upper secondary school student
UpdateUpperSecondarySchoolForLearningDisabilitiesAdoptedStudents	Update or add new admission information for adopted upper secondary school with learning disabilities student

5.2 Admission of external students

5.2.1 Export

Export of admission from other municipality information is not supported.

5.2.2 Import

The services below update or add new admission from other municipality. The services take no parameters.

Base path for services are: <https://host/les/admission/v1/admission.svc/>

Services:

Service	Description
UpdateUpperSecondarySchoolAdoptedExternalStudents	Update or add new admission from other municipality information for upper secondary school student
UpdateUpperSecondarySchoolForLearningDisabilitiesAdoptedExternalStudents	Update or add new admission from other municipality information for upper secondary school with learning disabilities student

6 Appendix

6.1 References

Name	Address
Admission API XML schemas and examples	https://github.com/ExchangeServices/API

6.2 Vocabulary

Word	Description
Child	Children below 6 year
Student	School student 6 year and older
PID	Personal identity, formatted [YYYYMMDD-NNNN]
GUID	Global unique identifier