Next Generation Integration Scorecard
Requisite Functional Area

The Requisite Functional Area provides services for authoring and inspecting completion requirements for Courses, Programs and other elements to be evaluated.

Requisite

A Requisite represents a requirement. A Requisite has 8 terms for evaluation that must all be true for this Requisite to be satisfied. Additional terms may be defined.

- CourseRequirements
- ProgramRequirements
- CredentialRequirements
- AssessmentRequirements
- AwardRequirements
- LearningObjectiveRequirements
- A Rule defining additional requirements
- Requisite options for nested OR terms

A Requisite is true if the active Requisite options term AND the CourseRequirements term AND the ProgramRequirements term AND CredentialRequirements term AND the AssessemnetRequirements term AND the LearningObjectiveRequirements AND Rule are all true.

Requisites are also enablers that have effectiveness and may apply to specific populations of students.

Also known as: Requirement, Academic Pathway

❏ Read Operations for Requisites*:*   *Score*

❏ Get Requisites given unique Ids	
❏ Get all the Requisites in a system or Catalog	
❏ Query (Search) Requisites based on attribute-based query terms or keywords	
❏ Register for notifications that Requisites have been created, updated or deleted	
❏ Get CourseRequirements given unique Ids	

❏ Get all the CourseRequirements in a system or Catalog	
❏ Query (Search) CourseRequirements based on attribute-based query terms or keywords	
❏ Register for notifications that CourseRequirements have been created, updated or deleted	
❏ Get ProgramRequirements given unique Ids	
❏ Get all the ProgramRequirements in a system or Catalog	
❏ Query (Search) ProgramRequirements based on attribute-based query terms or keywords	
❏ Register for notifications that ProgramRequirements have been created, updated or deleted	
❏ Get CredentialRequirements given unique Ids	
❏ Get all the CredentialRequirements in a system or Catalog	
❏ Query (Search) CredentialRequirements based on attribute-based query terms or keywords	
❏ Register for notifications that CredentialRequirements have been created, updated or deleted	
❏ Get LearningObjectiveRequirements given unique Ids	
❏ Get all the LearningObjectiveRequirements in a system or Catalog	
❏ Query (Search) LearningObjectiveRequirements based on attribute-based query terms or keywords	
❏ Register for notifications that LearningObjectiveRequirements have been created, updated or deleted	
❏ Get AssessmentRequirements given unique Ids	
❏ Get all the AssessmentRequirements in a system or Catalog	
❏ Query (Search) AssessmentRequirements based on attribute-based query terms or keywords	
❏ Register for notifications that AssessmentRequirements have been created, updated or deleted	
❏ Get AwardRequirements given unique Ids	
❏ Get all the AwardRequirements in a system or Catalog	
❏ Query (Search) AwardRequirements based on attribute-based query terms or keywords	
❏ Register for notifications that AwardRequirements have been created, updated or deleted	

❏ Write Operations for Requisites*:*

❏ Create, Update and Delete Requisites	
❏ Add an alias Id to reference an existing Requisite	
❏ Organize Requisites into catalogs	
❏ Add or remove Requisite options on a Requisite	
❏ Create, Update and Delete CourseRequirements	
❏ Add an alias Id to reference an existing CourseRequirement	
❏ Add or remove CourseRequirements on a Requisite	
❏ Add or remove alternate Requisites options on a CourseRequirement	
❏ Create, Update and Delete ProgramRequirements	
❏ Add an alias Id to reference an existing ProgramRequirement	
❏ Add or remove ProgramRequirements on a Requisite	
❏ Add or remove alternate Requisites options on a ProgramRequirement	
❏ Create, Update and Delete CredentialRequirements	
❏ Add an alias Id to reference an existing CredentialRequirement	
❏ Add or remove CredentialRequirements on a Requisite	
❏ Add or remove alternate Requisites options on a CredentialRequirement	
❏ Create, Update and Delete LearningObjectiveRequirements	
❏ Add an alias Id to reference an existing LearningObjectiveRequirement	
❏ Add or remove LearningObjectiveRequirements on a Requisite	
❏ Add or remove alternate Requisites options on a LearningObjectiveRequirement	
❏ Create, Update and Delete AssessmentRequirements	
❏ Add an alias Id to reference an existing AssessmentRequirement	
❏ Add or remove AssessmentRequirements on a Requisite	
❏ Add or remove alternate Requisites options on a AssessmentRequirement	
❏ Create, Update and Delete AwardRequirements	
❏ Add an alias Id to reference an existing AwardRequirement	
❏ Add or remove AwardRequirements on a Requisite	
❏ Add or remove alternate Requisites options on a AwardRequirement	

Minimally Supported Attributes of *Requisites:*

● A unique and permanent identifier

● The name of the ProgramEntry
● A description of the ProgramEntry
● The type of the Requisite: course-only, program-only
● The requisite options for the Requisite options term to be evaluated, if available
● The CourseRequirements term to be evaluated, if available
● The ProgramRequirements term to be evaluated, if available
● The CredentialRequirements term to be evaluated, if available
● The LearningObjectiveRequirements term to be evaluated, if available
● The AssessmantRequirements term to be evaluated, if available
● The AwardRequirements term to be evaluated, if available
● Any other defined requirements, if available
● Any schedule, event, cyclic event, demographic or other enabler that governs the applicability of this Requisite .

CourseRequirement

A CourseRequirement defines a rule for a Course to be satisfied. The Course may be required to be taken in the past for a prerequisite, in the present for a co-requisite, or completed at some point in the future. The CourseRequirement may also require a minimum grade or credits earned. All specified rules in the CourseRequirement must be true for the requirement to be satisfied. Alternative Requisites may be specified inside the CourseRequirement to append OR terms.
Also known as:

Minimally Supported Attributes of *CourseRequirements:*

● A unique and permanent identifier
● The name of the CourseRequirement
● A description of the CourseRequirement
● The type of the CourseRequirement
● Requisites that may be substituted in place of this CourseRequirement, if available
● The Course associated with the CourseRequirement
● Whether this requirement requires completion of the Course with a passing grade
● The timeframe in which the Course has to be completed, if applicable

● The minimum grade at which above passing is required in the completion of the Course or maintained at this level during a co-requisite, if applicable
● The minimum score at which above passing is required in the completion of the Course or maintained at this level during a co-requisite, if applicable
● The score system for the minimum score, if applicable
● The minimum credits required to be earned from the completion of the Course, or registered for in a co-requisite, if available
● Any other rules defined for Course completion
● Any schedule, event, cyclic event, demographic or other enabler that governs the effectiveness of this CourseRequirement

ProgramRequirement

A ProgramRequirement defines a rule for a Program to be satisfied. The Program may be required to be taken in the past for a prerequisite, in the present for a co-requisite, or completed at some point in the future. The ProgramRequirement may also require a minimum GPA or credits earned.   All specified rules in the ProgramRequirement must be true for the requirement to be satisfied. Alternative Requisites may be specified inside the ProgramRequirement to append OR terms.
Also known as:

Minimally Supported Attributes of *ProgramRequirements:*

● A unique and permanent identifier
● The name of the ProgramRequirement
● A description of the ProgramRequirement
● The type of the ProgramRequirement
● Requisites that may be substituted in place of this ProgramRequirement, if available
● The Program associated with the ProgramRequirement
● Whether this requirement requires completion of the Program
● The timeframe in which the Program has to be completed, if applicable
● The minimum GPA at which above passing is required in the completion of the Program or maintained at this level during enrollment, if applicable
● The scoring system for the minimum GPA, if applicable

● The minimum credits required to be earned from the completion of the Program, if available
● Any other rules defined for Program completion
● Any schedule, event, cyclic event, demographic or other enabler that governs the effectiveness of this ProgramRequirement

CredentialRequirement

A CredentialRequirement is a rule that represents a requirement based on a Credential.
Also known as:

Minimally Supported Attributes of *CredentialRequirements:*

● A unique and permanent identifier
● The name of the CredentialRequirement
● A description of the CredentialRequirement
● The type of the CredentialRequirement
● Requisites that may be substituted in place of this CredentialRequirement, if available
● The Credential associated with the CredentialRequirement
● The timeframe in which the Credential has to be earned, if applicable
● Any schedule, event, cyclic event, demographic or other enabler that governs the effectiveness of this CredentialRequirement

LearningObjectiveRequirement

A LearningObjectiveRequirement is a rule that represents a requirement based on a Learning Objective.
Also known as:

Minimally Supported Attributes of *LearningObjectiveRequirements:*

● A unique and permanent identifier
● The name of the LearningObjectiveRequirement
● A description of the LearningObjectiveRequirement

● The type of the LearningObjectiveRequirement
● Requisites that may be substituted in place of this LearningObjectiveRequirement, if available
● The LearningObjective associated with the LearningObjectiveRequirement
● The minimum grade in proficiency is required for this learning objective, if applicable
● Any other rules defined for learning Outcome completion
● Any schedule, event, cyclic event, demographic or other enabler that governs the effectiveness of this LearningObjectiveRequirement

AssessmentRequirement

An AssessmentRequirement is a rule that represents a requirement based on an Assessment.
Also known as:

Minimally Supported Attributes of *AssessmentRequirements:*

● A unique and permanent identifier
● The name of the AssessmentRequirement
● A description of the AssessmentRequirement
● The type of the AssessmentRequirement
● Requisites that may be substituted in place of this AssessmentRequirement, if available
● The Assessment associated with the AssessmentRequirement
● The timeframe in which the Assessment has to be completed, if applicable
● The minimum grade above which is required in the completion of the Assessment, if applicable
● The minimum score above which is required in the completion of the Assessment, if applicable
● The scoring system for the minimum score, if applicable
● Any other rules defined for Assessment completion
● Any schedule, event, cyclic event, demographic or other enabler that governs the effectiveness of this AssessementReqiurement

AwardRequirement

An AwardRequirement is a rule that represents a requirement based on an Award.
Also known as:

● A unique and permanent identifier
● The name of the AwardRequirement
● A description of the AwardRequirement
● The type of the AwardRequirement
● Requisites that may be substituted in place of this AwardRequirement, if available
● The Award associated with the AwardRequirement
● The timeframe in which the Award has to be earned, if applicable
● Any other rules defined for Awards
● Any schedule, event, cyclic event, demographic or other enabler that governs the effectiveness of this AwardRequirement

Catalog

A directory or other kind of organization for Course related entities. Such a grouping serves to separate learning objectives managed by different campuses or departments and to scope searches.
Also known as: CourseCatalog

❑ Read Operations for *Catalogs:* *Score*

	Score
❏ Get Catalogs given unique Ids	
❏ Get all the Catalogs in a system or Catalog	
❏ Query (Search) Catalogs based on attribute-based query terms or keywords	
❏ Traverse Hierarchical relationships between Catalogs	
❏ Register for notifications Catalogs have been created, updated or deleted	

❏ Register for notifications that hierarchical relationships between Catalogs have been created, updated or deleted	

❏ Write Operations for *Catalogs:*

❏ Create, Update and Delete Catalogs	
❏ Add an alias Id to reference an existing Catalog	
❏ Manage Hierarchical relationships between Catalogs	

Minimally Supported Attributes of *Catalogs:*

● A unique and permanent identifier.
● The name of the Catalog
● A description of the Catalog
● The type of the Catalog
● The provider of this Catalog
● Any available branding for this Catalog, for example, an organizational logo
● Any licensing (terms of usage) associated with this Catalog