

## Program – Database Documentation

### Entity

## Program

The Program entity represents academic programs offered by the institution, such as majors, degrees, certificates, and other structured courses of study. Programs define the academic paths available to students and are used to organize curriculum requirements, degree audits, academic progress tracking, and institutional reporting.

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## Related Entities

The Program entity is related to the following business entities:

- **Students**  
Students are enrolled in academic programs.
  - **Degrees**  
Programs may lead to specific degree awards.
  - **Academic Plans**  
Programs define curriculum structures.
  - **Courses**  
Courses are components of academic programs.
  - **Departments**  
Programs are typically owned by academic departments.
  - **Terms**  
Programs may be associated with specific academic terms or catalogs.
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## Key Tables

### PROGRAM\_MASTER

#### Table Description

The PROGRAM\_MASTER table serves as the primary repository for academic program definitions. Each record represents a program and includes identifying information, descriptions, ownership, and status.

## Key Columns

### Program Identification

- **PROGRAM\_CDE**  
Unique code identifying the academic program.
  - **PROGRAM\_DESC**  
Description of the program.
  - **APPID**  
Unique identifier for the program record.
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### Organizational Relationships

- **DEPT\_CDE**  
Department responsible for the program.
  - **DIVISION\_CDE**  
Division responsible for the program.
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### Program Status

- **PROGRAM\_STATUS**  
Indicates whether the program is active.

### Key Column Values (PROGRAM\_STATUS)

- **A** – Active
  - **I** – Inactive
  - **D** – Discontinued
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### Program Dates

- **EFFECTIVE\_DATE**  
Date the program became effective.

- **END\_DATE**  
Date the program ended or was discontinued.
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### Other Important Columns

- **PROGRAM\_TYPE**  
Program classification.
  - **CATALOG\_YEAR**  
Academic catalog year associated with the program.
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### Relationships to Other Tables

- **STUDENT\_PROGRAM**  
Links students to programs.
  - **DEGREE\_MASTER**  
Links programs to degrees.
  - **COURSE\_PROGRAM**  
Links programs to required courses.
  - **DEPARTMENT\_MASTER**  
Links program ownership.
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## STUDENT\_PROGRAM

### Table Description

The STUDENT\_PROGRAM table tracks student enrollment within academic programs.

### Key Columns

- **STUDENT\_ID**  
Student identifier.
- **PROGRAM\_CDE**  
Program identifier.
- **DECLARE\_DATE**  
Date the program was declared.

- **GRADUATION\_DATE**  
Graduation date.
- **PROGRAM\_STATUS**  
Student program status.

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**Key Column Values (PROGRAM\_STATUS)**

- **A** – Active
- **C** – Completed
- **W** – Withdrawn

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**Relationships to Other Tables**

- **PROGRAM\_MASTER**  
Links student enrollment to programs.
- **STUDENT\_MASTER**  
Links program participation to students.

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**DEGREE\_MASTER****Table Description**

The DEGREE\_MASTER table defines degrees associated with academic programs.

**Key Columns**

- **DEGREE\_CDE**  
Degree code.
- **DEGREE\_DESC**  
Degree description.
- **PROGRAM\_CDE**  
Program identifier.

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**Relationships to Other Tables**

- **PROGRAM\_MASTER**  
Links degrees to programs.
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## **COURSE\_PROGRAM**

### **Table Description**

The COURSE\_PROGRAM table defines courses required within academic programs.

### **Key Columns**

- **PROGRAM\_CDE**  
Program identifier.
- **COURSE\_CDE**  
Course identifier.
- **REQUIRED\_FLAG**  
Indicates whether the course is required.

### **Key Column Values (REQUIRED\_FLAG)**

- **Y** – Required
  - **N** – Optional
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### **Relationships to Other Tables**

- **PROGRAM\_MASTER**  
Links courses to programs.
  - **COURSE\_MASTER**  
Links course definitions.
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