1. Student (Dim_Student)

Source	Source Column	Target	Target Column	Transformation
SIAKAD.dbo.mahasiswa	student_id	Dim_Student	StudentID	Direct Mapping
SIAKAD.dbo.mahasiswa	nim	Dim_Student	NIM	TRIM(nim)
SIAKAD.dbo.mahasiswa	nama	Dim_Student	Name	UPPER(TRIM(nama))
SIAKAD.dbo.mahasiswa	tgl_lahir	Dim_Student	DOB	CAST(tgl_lahir AS DATE)
SIAKAD.dbo.mahasiswa	jenis_kelamin	Dim_Student	Gender	CASE WHEN jenis_kelamin='Laki-laki' THEN 'M' ELSE 'F' END
SIAKAD.dbo.mahasiswa	angkatan	Dim_Student	EntryYear	CAST(angkatan AS INT)
SIAKAD.dbo.mahasiswa	status	Dim_Student	Status	UPPER(TRIM(status))
SIAKAD.dbo.mahasiswa	program_id	Dim_Student	Program ID	Direct mapping

2. Program (Dim_Program

Source	Source Column	Target	Target Column	Transformation
SIAKAD.dbo.prodi	program_id	Dim_Program	ProgramID	Direct mapping
SIAKAD.dbo.prodi	kode_prodi	Dim_Program	ProgramCode	UPPER(TRIM(kode_prodi))
SIAKAD.dbo.prodi	nama_prodi	Dim_Program	ProgramName	UPPER(TRIM(nama_prodi))
SIAKAD.dbo.prodi	fakultas	Dim_Program	Faculty	UPPER(TRIM(fakultas))

3. Course (Dim_Course)

Source	Source Column	Target	Target Column	Transformation
SIAKAD.dbo.matkul	course_id	Dim_Course	CourseID	Direct mapping
SIAKAD.dbo.matkul	kode_mk	Dim_Course	CourseCode	UPPER(TRIM(kode_mk))
SIAKAD.dbo.matkul	nama_mk	Dim_Course	CourseName	UPPER(TRIM(nama_mk))
SIAKAD.dbo.matkul	sks	Dim_Course	Credits	CAST(sks AS INT)
SIAKAD.dbo.matkul	program_id	Dim_Course	ProgramID	Direct mapping

4. Instructor (Dim_Instructor)

Source	Source Column	Target	Target Column	Transformation
SIAKAD.dbo.dosen	instructor_id	Dim_Instructor	InstructorID	Direct mapping
SIAKAD.dbo.dosen	nidn	Dim_Instructor	NIDN	TRIM(nidn)

SIAKAD.dbo.dosen	nama	Dim_Instructor	Name	UPPER(TRIM(nama))
SIAKAD.dbo.dosen	jabatan	Dim_Instructor	Rank	UPPER(TRIM(jabatan))
SIAKAD.dbo.dosen	fte	Dim_Instructor	FTE	CAST(fte AS DECIMAL(3,2))

5. Semester (Dim_Semester)

Source	Source Column	Target	Target Column	Transformation
SIAKAD.dbo.semester	semester_id	Dim_Semester	SemesterID	Direct mapping
SIAKAD.dbo.semester	tahun	Dim_Semester	Year	CAST(tahun AS INT)
SIAKAD.dbo.semester	term	Dim_Semester	Term	Direct mapping
SIAKAD.dbo.semester	mulai	Dim_Semester	StartDate	CAST(mulai AS DATE)
SIAKAD.dbo.semester	selesai	Dim_Semester	EndDate	CAST(selesai AS DATE)

6. Admission (Fact_Admission)

Source	Source Column	Target	Target Column	Transformation
SIAKAD.dbo.admission	admission_id	Fact_Admission	AdmissionID	Direct mapping
SIAKAD.dbo.admission	student_id	Fact_Admission	StudentID	Direct mapping
SIAKAD.dbo.admission	jenis_masuk	Fact_Admission	AdmissionType	UPPER(TRIM(jenis_masuk))
SIAKAD.dbo.admission	tgl_masuk	Fact_Admission	EntryDate	CAST(tgl_masuk AS DATE)
SIAKAD.dbo.admission	skor	Fact_Admission	AdmissionScore	CAST(skor AS FLOAT)

7. Graduation (Fact_Graduation)

Source	Source Column	Target	Target Column	Transformation
SIAKAD.dbo.lulus	graduation_id	Fact_Graduation	GraduationID	Direct mapping
SIAKAD.dbo.lulus	student_id	Fact_Graduation	StudentID	Direct mapping
SIAKAD.dbo.lulus	tgl_lulus	Fact_Graduation	GraduationDate	CAST(tgl_lulus AS DATE)
SIAKAD.dbo.lulus	gelar	Fact_Graduation	Degree	UPPER(TRIM(gelar))
SIAKAD.dbo.lulus	masa_studi	Fact_Graduation	TimeToGraduate	CAST(masa_studi AS INT)

8. Enrollment (Fact_Enrollment)

Source	Source Column	Target	Target Column	Transformation

Source	Source Column	Target	Target Column	Transformation
SIAKAD.dbo.krs	enrollment_id	Fact_Enrollment	EnrollmentID	Direct mapping
SIAKAD.dbo.krs	student_id	Fact_Enrollment	StudentID	Direct mapping
SIAKAD.dbo.krs	course_id	Fact_Enrollment	CourseID	Direct mapping
SIAKAD.dbo.krs	semester_id	Fact_Enrollment	SemesterID	Direct mapping
SIAKAD.dbo.krs	dosen_id	Fact_Enrollment	InstructorID	Direct mapping
SIAKAD.dbo.krs	nilai	Fact_Enrollment	Grade	TRIM(nilai)
SIAKAD.dbo.krs	attendance_rate	Fact_Enrollment	AttendanceRate	CAST(attendance_rate AS FLOAT)

AttendanceRecord (Fact_Attendance)

Source	Source Column	Target	Target Column	Transformation
SIAKAD.dbo.absensi	attendance_id	Fact_Attendance	AttendanceID	Direct mapping
SIAKAD.dbo.absensi	enrollment_id	Fact_Attendance	EnrollmentID	Direct mapping
SIAKAD.dbo.absensi	tanggal	Fact_Attendance	Date	CAST(tanggal AS DATE)
SIAKAD.dbo.absensi	status	Fact_Attendance	Status	UPPER(TRIM(status))