

## Course Relationships

The Course Relationships screen is used to set up relationships to fill specific requirements that must be met when building a master schedule and loading students into that schedule.

The relationship screen asks for up to three pieces of data:

1. The associated course you want to relate to
2. The Relationship Type
3. The Relationship Code – you only use this one when the Relationship type is “Is Blocked For Building With”. You do NOT use it for any of the others.

These requirements might include the following:

1. One teacher teaches two subjects at the same time. (Either Block Combine or Block Simultaneous with a Concurrent)
2. There is a 2 semester course sequence for the students and the students must stay with the same students on the same period on both semesters with the same teacher. (Block Term)
3. Students are taking 2 courses during the same term and the school wants the students to travel together through both sections. (Block Section)
4. Two courses need to be built on opposite days during the same period. (Block Opposite Days)
5. Students have signed up for 2 courses that must be taken in sequence and offerings of both classes are running during both terms. Not all students sign up for both classes but those that do cannot get them in the wrong order. (Prereq)
6. Students sign up for 2 courses that must be taken in the same semester, but not in the same period. (Coreq)
7. Students sign up for 2 courses that cannot be in the same term but it does not matter which comes first. (Not Coreq)
8. Two courses must run back to back in the day, meaning consecutive periods. (Block Before or After)

Relationship Type	Relationship Code	Purpose	Used by Build	Used by Load
Is <b>Blocked</b> for <b>Building With</b>	Simultaneous	Two courses <u>must</u> be taught at the same time; can be two different teachers; can be a different number of sections	Yes	No
	Combine	Two courses taught at the same time with the same teacher; course setup on both courses must be identical	Yes	No
	Different Terms	Two courses scheduled in same period, different terms, same students, same teacher for each section	Yes	Yes
	Before/After	Two courses scheduled in consecutive periods	Yes	Yes
	Opposite Days	Two courses scheduled in same period, opposite days	Yes	Yes
	Section	Two courses in same term, same students	Yes	Yes
May be <b>Built</b> Concurrent With	N/A	Two courses taught by same teacher <u>can</u> be at the same time; use with a Block Simultaneous for 1 teacher who <u>must</u> teach two courses at one time (2 relationships)	Yes	No
Has a <b>Load</b> Coreq of	N/A	The associated course must appear in the same term in the student’s schedule as the course where you are <u>putting the relationship</u>	No	Yes
Has a <b>Load</b> Postreq of	N/A	The associated course must appear in a subsequent term in the student’s schedule	No	Yes
Has a <b>Load</b> Prereq of	N/A	The associated course must appear in a prior term in the student’s schedule	No	Yes
Must not <b>Load</b> Coreq with	N/A	The associated course must not appear in the same term in the student’s schedule as the course where you are <u>putting the relationship</u>	No	Yes
Must <b>Load</b> Distinct(no term overlap) with	N/A	The associated course must not appear in any overlapping term in the student’s schedule as the course where you are <u>putting the relationship</u>	No	Yes
Must <b>Load</b> the Term After	N/A	The associated course must appear in the next term in the student’s schedule as the course where you are <u>putting the relationship</u> (Q1,Q2) (Q2,Q3) (T1,T2),etc	No	Yes
Must <b>Load</b> the Term Before	N/A	The associated course must appear in the term before in the student’s schedule as the course where you are <u>putting the relationship</u>	No	Yes