

Course Requirements / Course Restrictions Set-Up

To Enforce Prerequisites (SIS Screen 131 - Section Registration Controls)

Summary:

a) Seq field - line number will appear after pressing Enter.

b) Update the Ctl Type field with the prerequisite function code (RQM).

Prerequisites approved without a minimum grade requirement must now be entered

with a default minimum grade requirement of D-. Thus, all course prerequisites will be entered with RQM (prerequisite course/grade required) as the Ctl Type.

c) With two or more prerequisites or prerequisite scenarios, the appropriate parentheses are entered on the "(" and ")" fields. See following examples of prerequisite set-ups utilizing parentheses.

d) On the Arg field, type in D- or the required minimum grade as approved for the course in the Course Request and Maintenance System (CRAMS).

e) On the Value field, type the prerequisite course ID and number. The prerequisite must be approved in the most current version of the course as listed in CRAMS.

f) If another prerequisite follows, type in approved conjunction AND or OR in the "AND/OR" field and tab to the next available Ctl Type field. Repeat steps b through f.

g) After entering all prerequisite data, press Enter.

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I. Single Prerequisite

Example: SOC 005 with prerequisite of SOC 004. The prerequisite course entry should read as follows:

Ctl Type	Arg field	Value field
RQM	D-	SOC 004

Prerequisite course/grade required



PRESS THE ENTER KEY

(this statement will appear after you press Enter)

```

1 - SIS (ucribm.ucr.edu)
File Edit Transfer Fonts Options Tools View Window Help
PR1 PR2 PR3
131 Section Registration Controls STATISTICAL ANALYSIS 11F
Screen: ___ SID: _____ Course: SOC 005 001 Term: 11F
Activities: LEC RES Status: C
Activity Group: A Group A Sections Maximum: 153 Enrolled: 153
N W/L: N Permits:
Ctl P And e Seat Avail:
Seq Type r ( Arg Value ) Or g Ctl Enr
1 CA _ _ DIS _ AND Activity corequisite required.
2 RQM _ _ D- SOC 004 _ Prerequisite course/grade requir
Number in Seq field will fill in after pressing Enter
If activity coreq appears on the first line, you need to type in AND in the And/Or field on the activity coreq line. This AND means both the activity coreq and the course prereq will be enforced.
Next Page: ___ Page 1 of 1
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II. Two or More Prerequisites

If more than one prerequisite exists, SIS must be updated with the prerequisites and the appropriate symbols which will hold students to the desired prerequisites.

Reminder: a prerequisite approved without a minimum grade requirement must now be entered with a default minimum grade requirement of D-.

Example #1:

BIOL 110, choosing to enforce prerequisites BIOL005C and CHEM112C and MATH009B and PHYS002C and PHYS02LC.

Since this course has more than one prerequisite, the series should be entered as a grouped entity. This is done with parentheses entered in the appropriate "(" and ")" fields. All prerequisites in this scenario are required; thus, all except the final prerequisite are followed with the "AND" statement.

Ctl Type field	"(" and Arg fields	Value field	)" field	And/Or field	
RQM	(D-	BIOL005C		AND	Prerequisite course/grade required
RQM	D-	CHEM112C		AND	Prerequisite course/grade required
RQM	D-	MATH009B		AND	Prerequisite course/grade required
RQM	D-	PHYS002C		AND	Prerequisite course/grade required
RQM	D-	PHYS02LC)		

PRESS THE ENTER KEY

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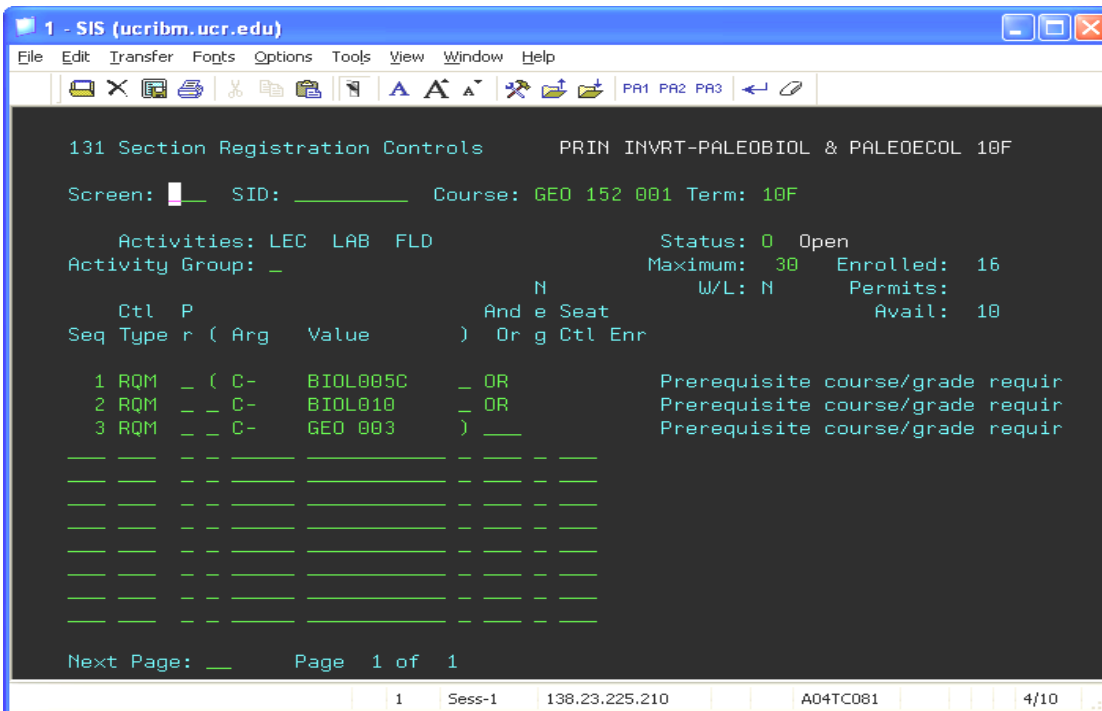
In the next two examples, the "OR" statement is typed in the "AND/OR" field after all except the final prerequisite. For each subsequent prerequisite, tab to the next available Ctl Type field to type in the next prerequisite code (RQM), then the required course.

Example #2:

GEO 152 with prerequisites of BIOL005C or BIOL010 or GEO 003 all with a minimum grade requirement of C-

Ctl Type field	"(" and Arg fields	Value field	)" field	And/Or field	
RQM	(C-	BIOL005C		OR	Prerequisite course/grade required
RQM	C-	BIOL010		OR	Prerequisite course/grade required
RQM	C-	GEO 003)		Prerequisite course/grade required

PRESS THE ENTER KEY



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Example #3:

CS 120B with prerequisite of CS 120A or EE 120A (cross-listed entry). The prerequisite control entry should read as follows:

Ctl Type field	"(" and Arg fields	Value field	)" field	And/Or field	
RQM	(D-	CS 120A	)	OR	Prerequisite course/grade required
RQM	D-	EE 120A	)		Prerequisite course/grade required

PRESS THE ENTER KEY

131 Section Registration Controls INTRODUCTION TO EMBEDDED SYSTEMS 11S

Screen: SID: Course: CS 120B001 Term: 11S

Activities: LEC
Activity Group: 0 Group A Section

Value	)" field	Arg Ctl Enr	
LAB	AND		Activity corequisite required.
2 RQM (D- CS 120A	OR		Prerequisite course/grade requir
3 RQM D- EE 120A	)		Prerequisite course/grade requir
4 MRG			Course Material Fee required.

Memo note - conveys info on the online SOC. Does not control enrollment. Just type in memo note code in next available Ctl Type field after the parenthetical and press Enter. Parentheticals are not used with memo notes.

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III. Two or more prerequisites with an approved minimum grade requirement

These are entered in the same manner as a prerequisite without an approved minimum grade requirement.

Example: PSYC160 with prerequisites of PSYC001, PSYC002, PSYC011, and PSYC012, all with an approved minimum grade requirement of C-.

Ctl Type field	"(" and Arg fields	Value field	)" field	And/Or field	
RQM	(C-	PSYC001		AND	Prerequisite course/grade required
RQM	C-	PSYC002		AND	Prerequisite course/grade required
RQM	C-	PSYC011		AND	Prerequisite course/grade required
RQM	C-	PSYC012	)		Prerequisite course/grade required

PRESS THE ENTER KEY

The screenshot shows a terminal window titled "1 - SIS (ucribm.ucr.edu)". The main content is a text-based interface for "131 Section Registration Controls" for the course "LIFE SPAN DEVELOPMENT" (11S). It shows the course ID "PSYC160 001" and term "11S". Below this, it lists activities (LEC, TPA) and group information. A table of prerequisites is shown with columns for Seq, Ctl Type, P, Arg, Value, And/Or, Seat, and Enr. The prerequisites listed are:

Seq	Ctl Type	P	Arg	Value	And/Or	Seat	Enr
1	CA	-	-	DIS	-	AND	
2	RQM	-	(C-	PSYC001	-	AND	
3	RQM	-	C-	PSYC002	-	AND	
4	RQM	-	C-	PSYC011	-	AND	
5	RQM	-	C-	PSYC012)		
6	MRK	-	-	-	-	-	
7	MRL	-	-	-	-	-	

A callout box with an arrow pointing to the "Ctl" column of the prerequisite table contains the following text:

To look up the meaning of registration control and memo note codes, put cursor on a Ctl Type field and press F2 to go into the "help" screen. Press Enter to scroll through the available "help" pages. Press F4 to exit the "help" screen.

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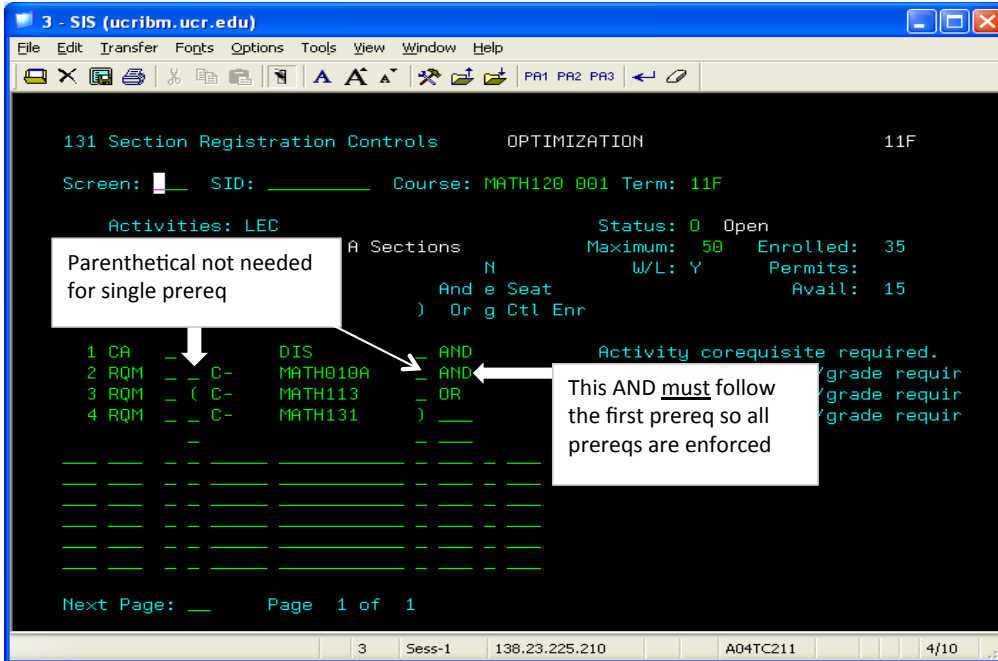
IV. Multiple prerequisites with mixed "AND"/"OR" statements and approved minimum grade requirements

Example: MATH120 with prerequisites of MATH010A and MATH 113 or MATH131, all with a minimum grade requirement of C-.

There are two possible prerequisite scenarios - MATH010A and MATH113 or MATH010A and MATH131. Since MATH010A is required in both scenarios, this will be the first prerequisite listed. The second prerequisite (MATH113 or MATH 131) will follow within a parenthetical.

Ctl Type	"(" and Arg fields	Value field	)" field	And/Or field	
RQM	C-	MATH010A		AND	Prerequisite course/grade required
RQM	(C-	MATH113		OR	Prerequisite course/grade required
RQM	C-	MATH131)		Prerequisite course/grade required

PRESS THE ENTER KEY



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V. Multiple prerequisites with mixed "AND"/"OR" statements and without a minimum grade requirement

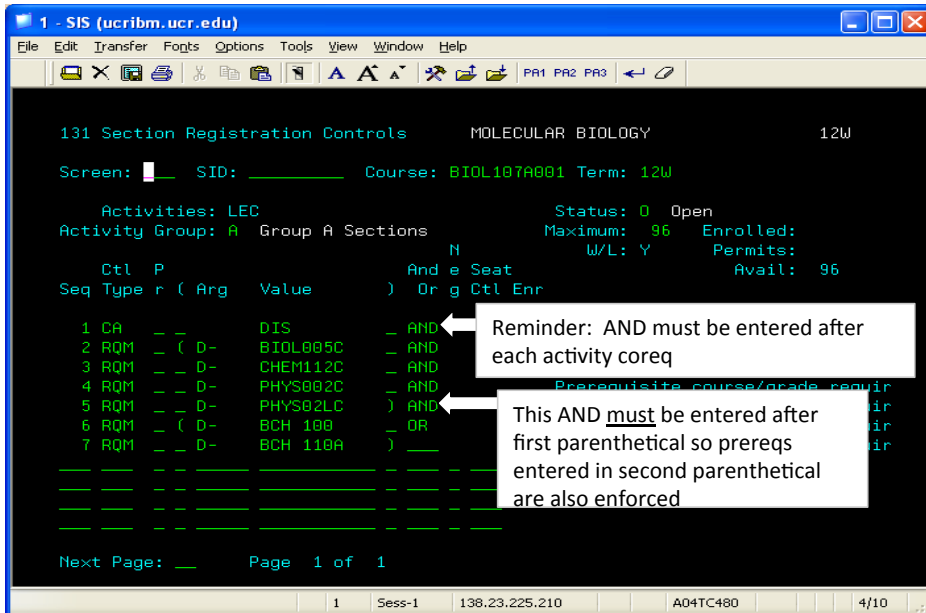
Reminder: prerequisites approved without a minimum grade requirement must be entered on SIS screen 131 with D- as a minimum grade requirement.

Example #1: BIOL107A with prerequisites of BIOL005C and CHEM112C and PHYS002C and PHYS02LC and BCH 100 or BCH 110A.

With this prerequisite set-up, use two parenthetical statements. The first one contains the course prerequisites connected with AND (all required). The second parenthetical contains the course prerequisites connected with OR (either prereq can be completed). Between the two parentheticals, AND appears so one of the prereqs in the second parenthetical will be enforced along with all the prereqs in the first parenthetical.

Ctl Type field	"(" and Arg fields	Value field	)" field	And/Or field	
RQM	(D-	BIOL005C		AND	Prerequisite course/grade required
RQM	D-	CHEM112C		AND	Prerequisite course/grade required
RQM	D-	PHYS002C		AND	Prerequisite course/grade required
RQM	D-	PHYS02LC	)	AND	Prerequisite course/grade required
RQM	(D-	BCH 100		OR	Prerequisite course/grade required
RQM	D-	BCH 110A	)		Prerequisite course/grade required

PRESS THE ENTER KEY



Example #2: ECON123 with prerequisites of ECON 002 or ECON 002H and ECON 003; or ECON 004

This example has two prerequisite scenarios: take ECON004 (one course) or take

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ECON002 (or the Honors version of the course) and ECON003 (total of two courses).
Two parenthetical statements are needed, but in this set-up one parenthetical statement will be "nested" within the other parenthetical statement.

Ctl Type	"(" and Arg field	Value field	)" field	And/Or field	
RQM	D-	ECON004		OR	Prerequisite course/grade required
RQM	(D-	ECON002		OR	Prerequisite course/grade required
RQM	D-	ECON002H	)	AND	Prerequisite course/grade required
RQM	D-	ECON003	)		Prerequisite course/grade required

PRESS THE ENTER KEY

The screenshot shows a terminal window titled "1 - SIS (ucrimb.ucr.edu)". The main content is for "131 Section Registration Controls" for "AMERICAN ECONOMIC HISTORY" (12W). The course is "ECON123 001 Term: 12W". The status is "Open" with a maximum of 80 seats and 80 available seats. The prerequisites are listed as follows:

```

Ctl P      And e Seat
Seq Type r ( Arg  Value  ) Or g Ctl Er
1 RQM  _  D-  ECON004  _  OR
2
3 RQM  _  D-  ECON002  _  OR
4 RQM  _  D-  ECON002H  )  AND
5 RQM  _  D-  ECON003  )

```

Annotations in the image explain the syntax:

- On lines 3 & 4, a nested parenthetical is needed because have a choice to complete ECON002 OR ECON002H
- On lines 2 & 5, parenthetical encloses entire prereq scenario: take ECON002 OR ECON002H AND ECON003

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VI. Setting up a course co-requisite

A course can have a prerequisite that can also be taken as a course co-requisite (if approved in CRAMS). On screen 131, a course co-requisite is entered in a parenthetical with coding that reads either that course can be completed as a prerequisite or it can be taken concurrently.

Example: CHEM01LA with concurrent enrollment in CHEM001A or a grade of C- or better in CHEM001A.

Ctrl Type and "(" and Arg

PR fields	fields	Value field	)" field	And/Or field	
RQM	X	N	(	D-	CHEM001A
CC			)		CHEM001A
				OR	
					Prerequisite course/grade required
					Course corequisite required

PRESS THE ENTER KEY

The screenshot shows the SIS interface for setting up course requirements. The main window displays the following information:

```

131 Section Registration Controls      GENERAL CHEMISTRY LABORATORY      12W
Screen: _____ SID: _____ Course: CHEM01LAB01 Term: 12W
Status: 0 Open
Maximum: 21 Enrolled:
W/L: N Permits:
Avail: 21
And e Seat
Seq Type P ( Arg Value ) Or g Ctl Enr
1 RQM X N ( C- CHEM001A ) OR Prerequisite course/grade requir
CC - - CHEM001A ) Course corequisite required.
3 MRG - - - - - Course Material Fee required.
  
```

Callout boxes provide additional instructions:

- Course co-requisite code:** Points to the 'C-' grade requirement in the prerequisite line.
- Set prerequisite statement to non-print in adjacent PR field:** Explains that CHEM001A will show in the "Co-requisites" field in the online Schedule of Classes and instructs to send an Academic Scheduling typeset note request: "Concurrent enrollment in CHEM001A or a grade of C- or better in CHEM001A".

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VII. Multiple prerequisites including a concurrent enrollment statement

As with a course co-requisite, a course prerequisite that can be taken concurrently (if approved in CRAMS) is entered in a parenthetical with coding that reads either that course can be completed as a prerequisite or it can be taken concurrently.

Example: PHYS040A with prerequisites of MATH008B or MATH009A or MATH09HA (all with a minimum grade requirement of C-) and MATH009B or MATH09HB. MATH009B or MATH09HB may be taken concurrently.

This course offers option of two prerequisite courses that can be taken concurrently. First, the other course prerequisites are entered in one parenthetical statement. Then, each concurrent enrollment option is entered in its own parenthetical statement with OR separating these parentheticals. AND needs to be entered at the end of the prerequisite parenthetical statement so both the prerequisites and one of the concurrent enrollment statements are enforced.

Ctl Type and "(" and Arg

PR fields	fields	Value field	)" field	And/Or field	
RQM	(C-	MATH008B		OR	Prerequisite course/grade required
RQM	C-	MATH009A		OR	Prerequisite course/grade required
RQM	C-	MATH09HA	)	AND	Prerequisite course/grade required
RQM	(D-	MATH009B		OR	Prerequisite course/grade required
CC	N	MATH009B	)	OR	Course corequisite required
RQM	(D-	MATH09HB		OR	Prerequisite course/grade required
CC	N	MATH09HB)		Course corequisite required

PRESS THE ENTER KEY

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VIII. Using cross-listed courses as prerequisites with mixed "AND"/"OR" statement

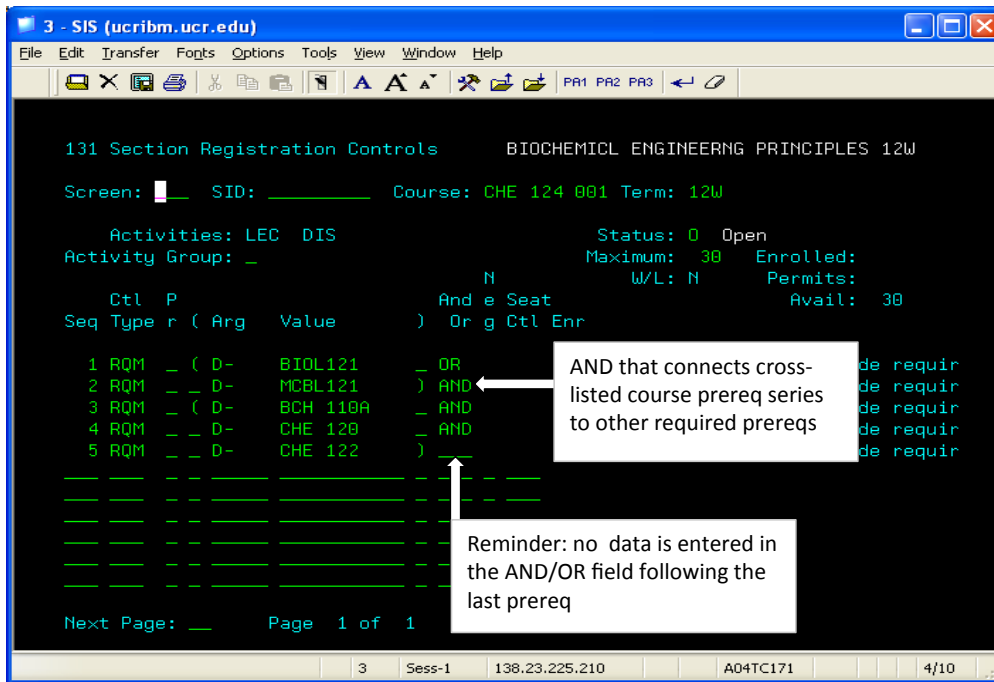
When using a cross-listed course as a prerequisite, you must use all of its cross-listed partners

Example #1: CHE 124 with prerequisites of MCBL/BIO121 (cross-listed course),
BCH 110A, CHE 120, and CHE 122.

First parenthetical contains the cross-listed course prerequisite, each cross-listed option separated by OR.
The second parenthetical contains all the other course prerequisites, each followed by AND because
they are all required.

Ctl Type field	"(" and Arg fields	Value field	)" field	And/Or field	
RQM	(D-	BIO121		OR	Prerequisite course/grade required
RQM	D-	MCBL121	)	AND	Prerequisite course/grade required
RQM	(D-	BCH 110A		AND	Prerequisite course/grade required
RQM	D-	CHE 120		AND	Prerequisite course/grade required
RQM	D-	CHE 122)		Prerequisite course/grade required

PRESS THE ENTER KEY



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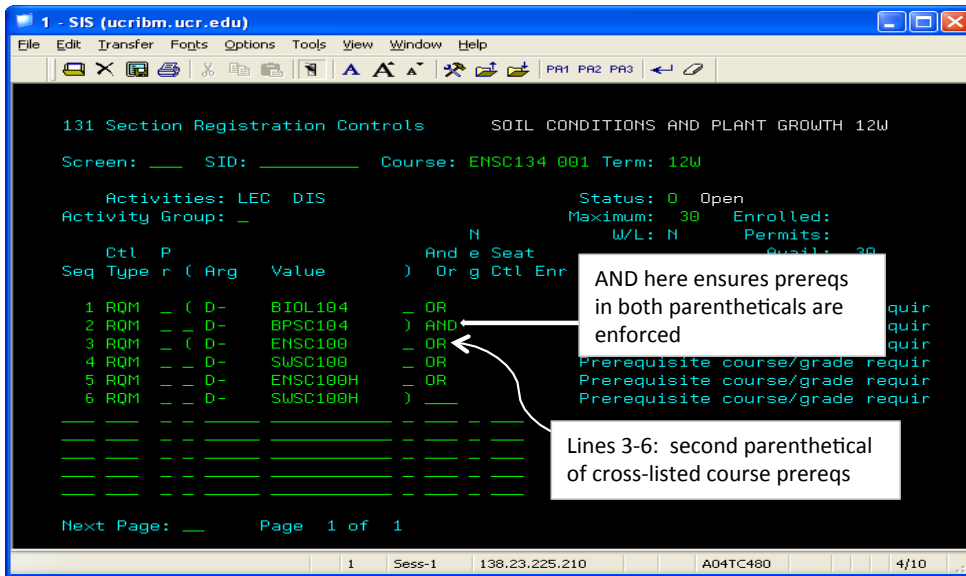
Example #2: ENSC/SWSC/BPSC 134 with prerequisites of BIOL/BPSC 104 and ENSC/SWSC 100 or ENSC/SWSC 100H.

Two cross-listed prerequisites are required: BIOL/BPSC 104 and either the "regular" ENSC/SWSC 100 or the Honors ENSC/SWSC 100H.

Again, two parentheticals are used; one contains the prerequisite required regardless (BIOL/BPSC 104). The other parenthetical contains the "or" options of completing either the "regular" or Honors version of the cross-listed course.

Ctl Type field	"(" and Arg fields	Value field	)" field	And/Or field	
RQM	(D-	BIOL104		OR	Prerequisite course/grade required
RQM	D-	BPSC104	)	AND	Prerequisite course/grade required
RQM	(D-	ENSC100		OR	Prerequisite course/grade required
RQM	D-	SWSC100		OR	Prerequisite course/grade required
RQM	D-	ENSC100H		OR	Prerequisite course/grade required
RQM	D-	SWSC100H)		Prerequisite course/grade required

PRESS THE ENTER KEY



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IX. Using a placement test as a prerequisite

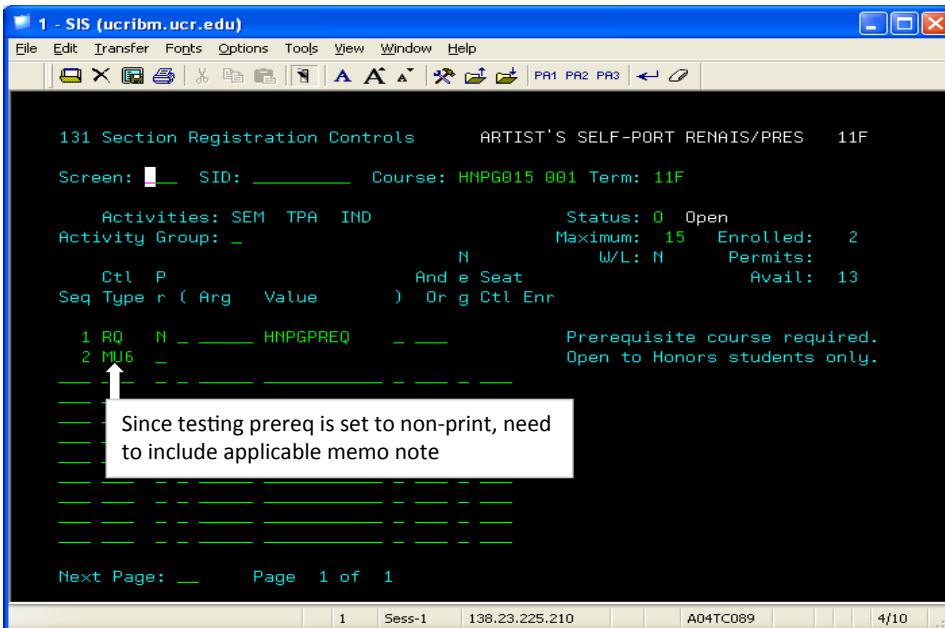
A placement test is currently the only prerequisite that can be entered with either RQ or RQM in the Ctl Type field. When using RQ, a letter grade does not have to be entered in the Arg field.

Example #1: HNPG015 with prerequisite of admission into the University Honors program

Ctl Type and "(" and Arg

PR fields	fields	Value field	)" field	And/Or field	
RQ	N	HNPGPREQ			Prerequisite course required
MU6					Open to Honors students only

PRESS THE ENTER KEY



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Example #2: MATH008B with prerequisite of MATH008A with a grade of C- or better or a sufficiently high score on the Mathematics Advisory Examination, as determined by the Math department.

A parenthetical is used because two prerequisite options are being enforced

Ctl Type and "(" and Arg

PR fields	fields	Value field	)" field	And/Or field	
RQM	(C-	MATH008A		OR	Prerequisite course/grade required
RQ	N	LNCRMAE3	)		Prerequisite course required

PRESS THE ENTER KEY

1 - SIS (ucrbm.ucr.edu)

File Edit Transfer Fonts Options Tools View Window Help

131 Section Registration Controls INTRO TO COLL MATH FOR SCIENCES 12W

Screen: SID: Course: MATH008B001 Term: 12W

Activities: LEC Status: 0 Open

Activity Group: A Group A Sections Maximum: 100 Enrolled:

N W/L: Y Permits:

Avail: 100

Seq	Ctrl	P	r	(	Arg	Value	)	Or	g	Ctrl	Enr	
1	CA					LCA						Activity corequisite required.
2	RQM			(	C-	MATH008A						Prerequisite course/grade requir
3	RQ			N		LNCRMAE3		)				Prerequisite course required.

At this time, some subject areas do not have a corresponding memo note addressing placement exams. In the case of courses requiring the MAE, send a typeset note request "Or appropriate test score on Math assessment exam."

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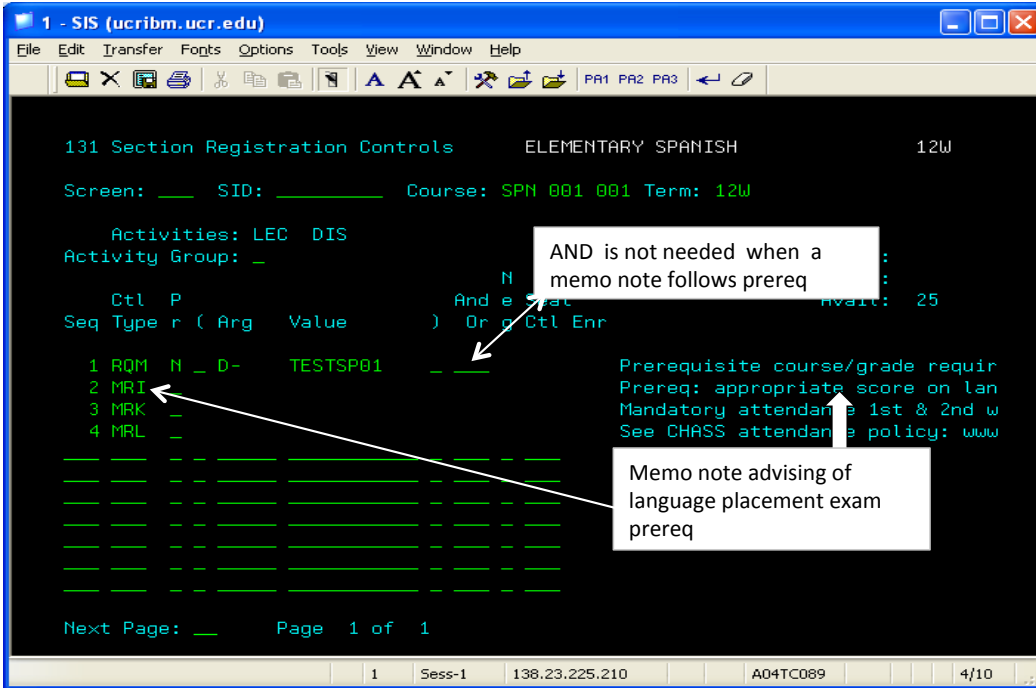
Example #3: SPN 001 with prerequisite of completion of Spanish placement examination

In this scenario, the RQM with minimum grade requirement is utilized. Parenthetical not needed because enforcing one prerequisite (the placement exam).

Ctrl Type and "(" and Arg

PR fields	fields	Value field	)" field	And/Or field	
RQM	N	D-	TESTSP01		Prerequisite course/grade required
MRI					Prereq: appropriate score on lang placement exam

PRESS THE ENTER KEY



Course Requirements / Course Restrictions Set-Up

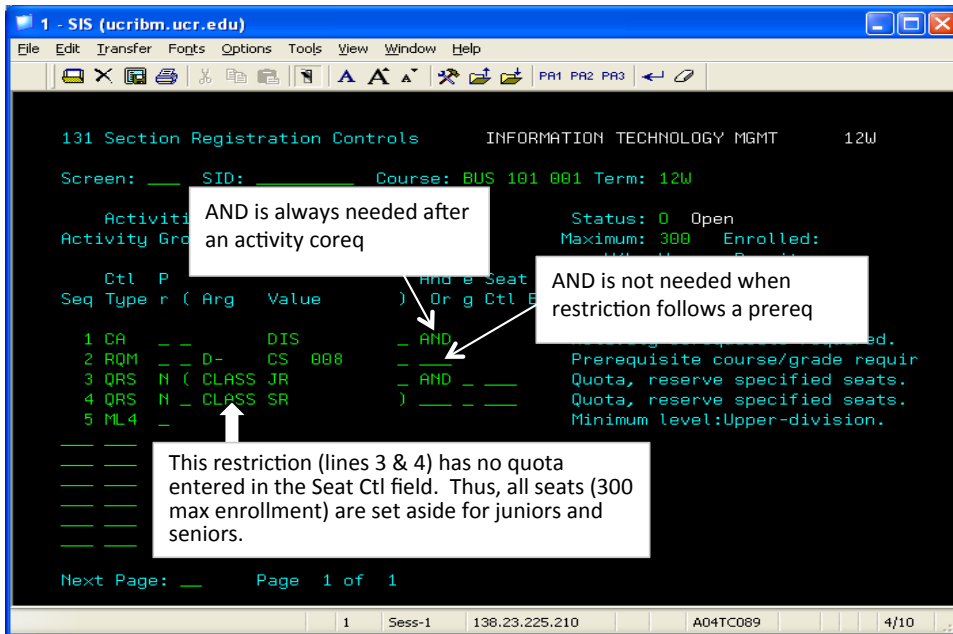
X. When a restriction follows a prerequisite

Example: BUS 101 with prerequisite of CS 008 and restriction of upper-division standing

Enter prerequisite first, followed by restriction, followed by memo note

Ctl Type and PR fields	"(" and Arg fields	Value field	)" field	And/Or field	
RQM	D-	CS 008			Prerequisite course/grade required
QRS N	(CLASS	JR		AND	Quota, reserve specified seats
QRS N	CLASS	SR	)		Quota, reserve specified seats
ML4					Minimum level: Upper-division

PRESS THE ENTER KEY



Summary: Order of data entry on SIS screen 131 is as follows:

1. Activity co-requisite(s) - CA coding
2. Course co-requisite(s) or concurrent enrollment statement(s) - both use CC coding
3. Prerequisites (preferably in alpha-numeric order) - RQM coding
4. Restrictions and quota controls - QRS coding
5. Memo note(s) and the PDP code - each has an assigned code

Inserting a prerequisite

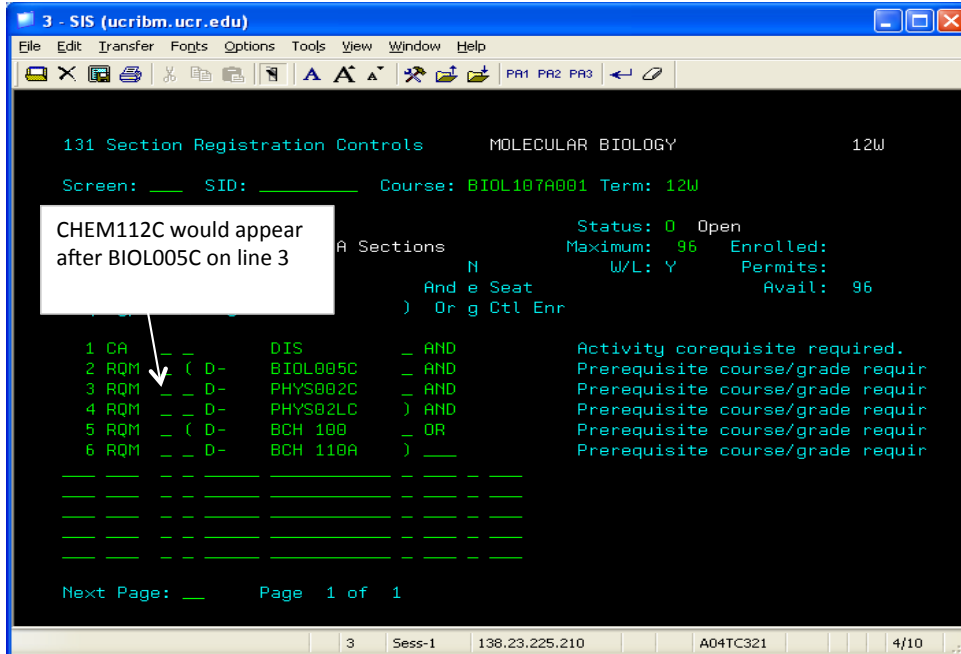
Suppose a prerequisite string was entered but one prerequisite was missed. Instead of deleting and re-entering all the data, you can insert the remaining prerequisite.

For this function, you will need to type in the line number in the Seq field.

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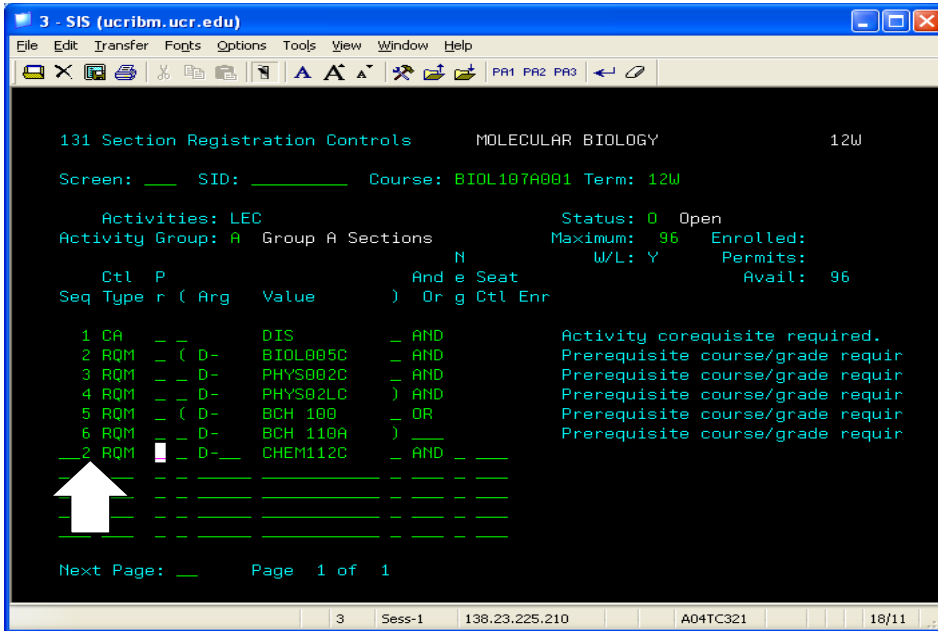
Example: BIOL107A with prerequisites of BIOL005C and CHEM112C and PHYS002C and PHYS02LC and BCH 100 or BCH 110A.

In initial data entry, CHEM112C is not entered:



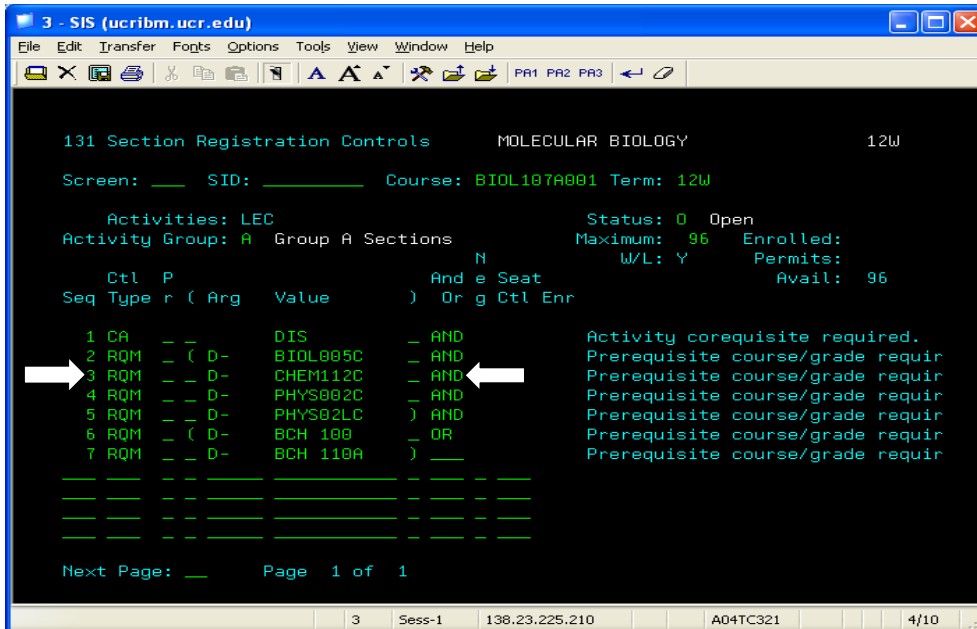
To enter CHEM112C so it will appear on line 3 after BIOL005C, type data on next available line. In the Seq field, enter a 2 (line number **before** the desired line number). Then enter the remaining prerequisite data:

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PRESS THE ENTER KEY

The CHEM112C prerequisite will appear on line 3 below BIOL005C:



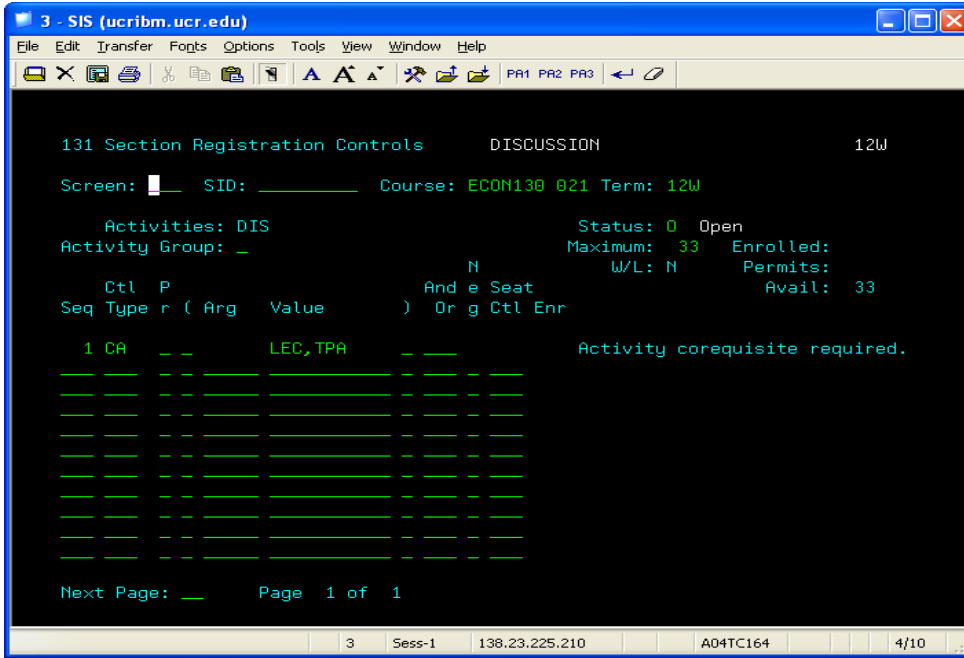
Correcting multiple course activity co-requisites

When a course is added that contains more than two activities, the activity co-requisite(s) will display on screen 131 in the format used in the previous version of screen 131.

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Example: ECON-130-001 with approved activities of LEC, DIS, and TPA. LEC and TPA are added under the same call number. Multiple sections of DIS are added, each with its own call number.

After adding the LEC/TPA and each DIS on SIS screen 129, go to screen 131 for a DIS (section 021 shown below). This is how screen 131 appears:



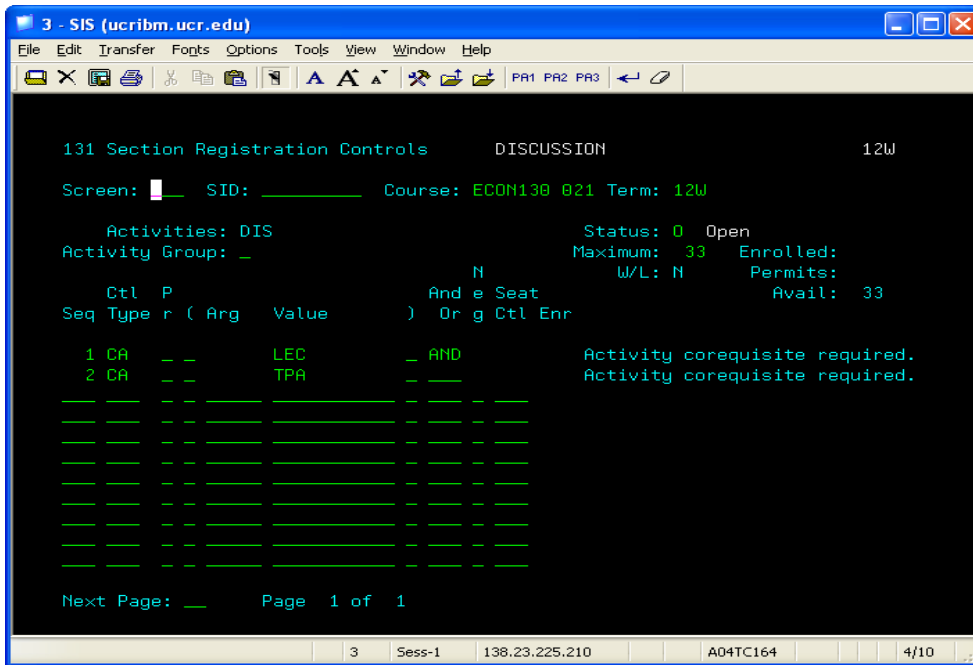
With the current format of screen 131, each activity co-requisite needs to stand alone. If screen 131 of a given secondary activity section appears similar to example above, the activity co-requisites need to be re-entered so each one is on a separate line.

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To correct example on previous page:

- 1) Space out the comma and TPA
- 2) Type AND in the And/Or field after the LEC activity co-requisite
- 3) Tab to the next open Ctl Type field and type CA
- 4) Tab to the Value field and type TPA
- 5) Press Enter
- 6) Repeat steps 1-5 for each DIS section tied to the LEC/TPA

Your screen should appear like the following for each DIS section;



Reminders:

- 1) Numbering in Seq field will automatically populate after pressing Enter
- 2) If only activity co-requisites appear on screen 131, AND must appear in the AND/OR field after each activity co-requisite except the last one
- 3) If a prerequisite follows an activity co-requisite, you must type an AND in the AND/OR field after the last activity co-requisite
- 4) If a restriction, memo note, or PDP code follows an activity co-requisite, you do not type an AND in the AND/OR field after the last activity co-requisite