



Chimi Input Guide

How to create an input file.

To create a schedule with Chimi, you must provide a .csv file containing all necessary scheduling information. The recommended way to do this is by creating a spreadsheet in Microsoft Excel. In the spreadsheet, you must provide data for at least one of each of the following entities: University, Building, Room, Department, Period, Course, Instructor, and Section. Entities must be added in the order that they are listed above.

How to provide data for an entity (ex. Building).

When adding buildings, you must first add the title ('Building:'), then add a row of column names for attributes ('buildingName' and 'buildingAbbreviation'). All titles must end with colons.

Building:	
buildingName	buildingAbbreviation
Olin B. King Technology Hall	TH
Engineering Building	EN

Entity and data definitions.

University	
<i>universityName</i>	university name
Building	
<i>buildingName</i>	building name
<i>buildingAbbreviation</i>	building abbreviation
Room	
<i>roomNo</i>	room number
<i>capacity</i>	number of seats available
<i>technologyAvailable</i>	'Y' if room is a lab, 'N' if not a lab
<i>building*</i>	building abbreviation
Department	
<i>departmentName</i>	department name
<i>departmentAbbreviation</i>	department abbreviation
<i>mainBuilding*</i>	building abbreviation
Period	
<i>startTime**</i>	time that period begins
<i>endTime**</i>	time that period ends

Course	
<i>courseNo*</i>	course number
<i>courseName</i>	course name
<i>creditHours</i>	number of credit hours for this course
<i>technologyConstraint</i>	'Y' if course requires a lab, 'N' if course does not require a lab
<i>requiredRoom*</i>	room number
<i>department*</i>	department abbreviation
Instructor	
<i>firstName</i>	instructor's first name
<i>lastName</i>	instructor's last name
<i>unavailableTimes***</i>	times that the instructor is unavailable (optional)
<i>preferredTimes***</i>	times that the instructor prefers to teach (optional)
<i>roomPreferred*</i>	room number
<i>department*</i>	department abbreviation
Section	
<i>courseNo*</i>	course number
<i>teacherFirst*</i>	instructor's first name
<i>teacherLast*</i>	instructor's last name
<i>preliminaryEnrollment</i>	preliminary enrollment of this section
<i>maxEnrollment</i>	maximum enrollment of this section
<i>department*</i>	department abbreviation

* - this field must correspond to a previously defined field of the same type
(i.e. Room:*building* must correspond to a Building:*buildingAbbreviation*)

** - the format of times must be in HHMM military time
(i.e. 1730 is 5:30 P.M.)

*** - for instructor unavailable times and preferred times, list letters for days of the week and a start time and end time for those days; if you list a letter without any start time or end time, then it is assumed to be the entire day
(i.e. M(800-1500);R(1330-1450) for Monday 8am-3pm, Thursday 1:30pm- 2:50pm).