


# SeniorSystems

## ***Schedule Builder/Loader Software Features***

- Creation of Sections based on user-defined parameters
- Best fit master schedule builder
- Builds a master schedule in minutes not days (*see Image 1 below*)
- The schedule builder attempts to create a schedule that will accommodate the majority of the student requests
- Easy entry of student requests
- User-definable day patterns
- User-definable term patterns
- Teacher time restrictions
- Teacher course resource table
- User-definable teacher workload limits
- Reserved room per teacher
- Teacher assignments by subject area, department and/or resource table
- Room time restrictions
- Room course resource table
- Room assignments by subject area, department and/or resource table
- User-definable meeting time parameters per course/sections

**Schedule Sections** 

**Teacher**

- Assign Teachers
- Use Department
- Use Subject Area
- Override Selectable Free Time
- Generate if Unassigned

**Room**

- Assign Rooms
- Use Department
- Use Subject Area
- Override Selectable Free Time
- Generate if Unassigned

**Limits and Ranges**

Maximum Consecutive Periods Per Day for Teachers

**Section Options**

Separator between Course I.D. and Section No.  (optional)

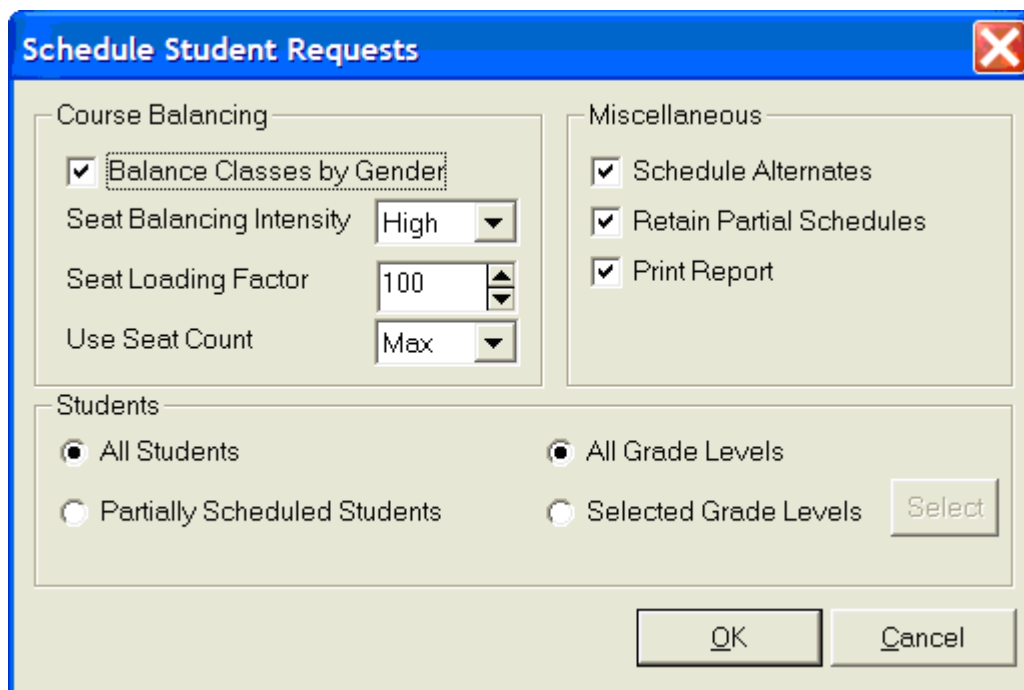
Length of Section Number (zero padded)

- Print Report

*Scheduling Software Master Schedule Builder Screenshot – Image 1*

## Student Schedule Loader Features

- Automatic assignment of student to sections based on their request
- Multi-pass best fit loading used to meet as many requests as possible
- Balancing by gender (*see Image 2 below*)
- Balancing by student count
- Load sections using minimum, maximum or optimum seat count
- Under or overload sections by a percentage of (minimum, maximum or optimum seat count)
- Automatic assignment of alternate requests
- Course and section linking
- Schedule only fully scheduled students or retain partials



Scheduling Software Gender Balance Screenshot – Image 2