# **Input Parameters** Enter the number of students Node and Font Size Node Size 10 Font Size Student 1 Select courses for Student 1 **8** × Select courses for Student 2 Student 3 Select courses for Student 3 **8** × **Customize Colors** Color for Day 1 Color for Day 2 Color for Day 3 Color for Day 4 Color for Day 5

**Graph Layout** 

Choose a layout

## **Exam Scheduling via Welsh Powell Algorithm**

### Minimum Required Days (Chromatic Number): 5

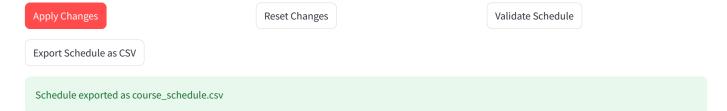
#### **Course Schedule by Day**

	Day 1	Day 2	Day 3	Day 4	Day 5
0	History	Science	Psychology	Literature	Dance
1	English	Art	Music	Biology	
2	Geography		Math		
3	Chemistry				
4	Physics				
5	Economics				
6	Philosophy				
7	Sociology				
8	Physical Education				
9	Computer Science				
10	Business Studies				
11	Soccer				
12	Driving				

#### **Interactive Schedule Editor**

 $\label{thm:control_equal} \mbox{Manually adjust the schedule below. Note: A course can only be scheduled for one day.}$ 

=, D	ay 1	≕, Day 2	=, Day 3	=, Day 4	=, Day 5
Histo	ry	Science	Psychology	Literature	Dance
Englis	sh	Art	Music	Biology	Test Added 1
Geog	raphy		Math		
Chem	istry		Test Added 2		
Physi	cs				
Econo	omics				
Philo	sophy				
Socio	logy				
Physi	cal Education				
Comp	outer Science				



#### **Graph Visualization**

