

# S4: Overview

## Current Spring Calendar →

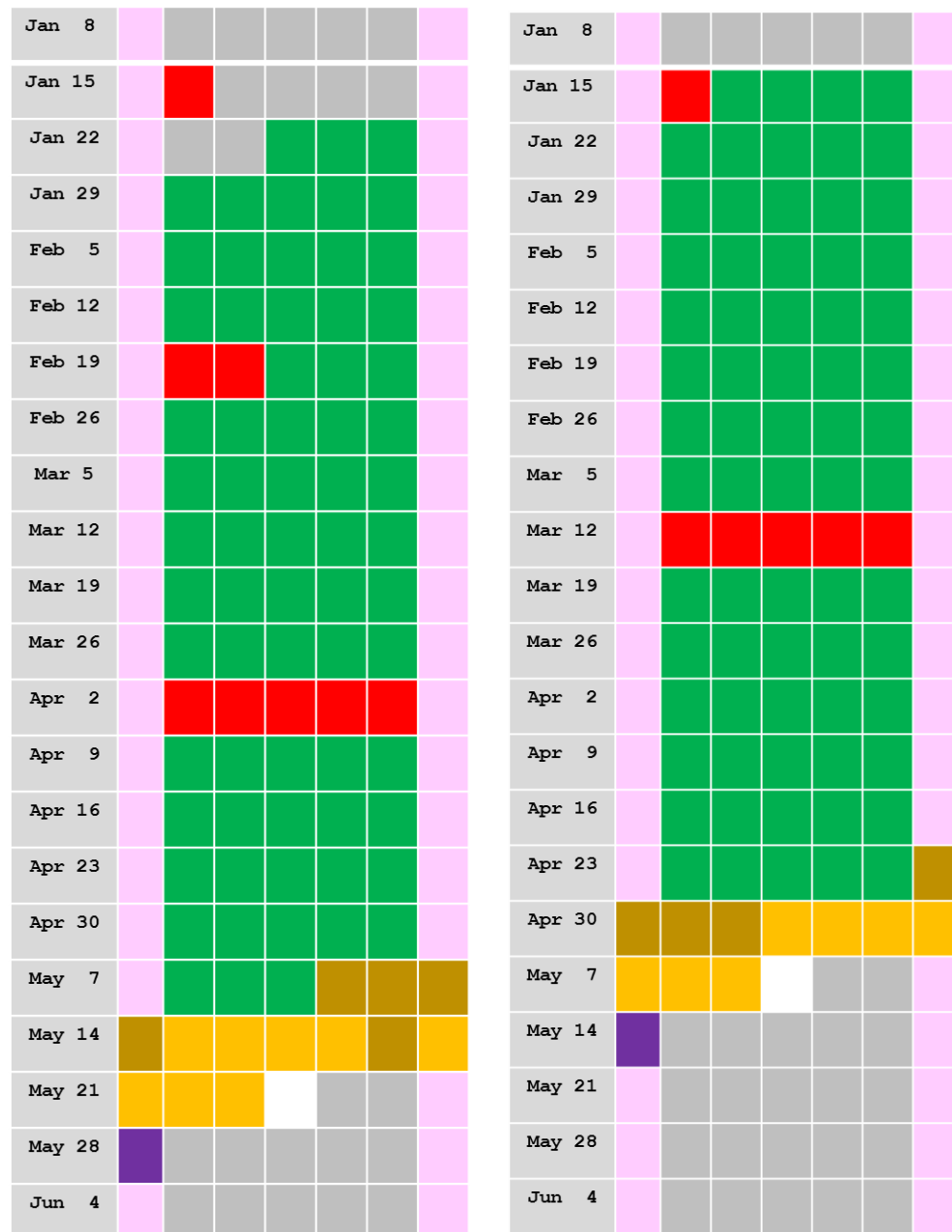
**First Class Day:**  
 Earliest: Jan 21  
 Latest: Jan 27

**Last Exam Day:**  
 Earliest: May 19  
 Latest: May 25

### S4 Motivators

1. The February break is not necessary.
2. The study/exam period is long compared to our peers.
3. The between-semester break is too long.
4. The summer is too short.
5. Commencement on Memorial Day weekend is too late.

## Illustrated for 2017



## ← Spring Calendar S4

**First Class Day:**  
 Earliest: Jan 12  
 Latest: Jan 19

**Last Exam Day:**  
 Earliest: May 5  
 Latest: May 11

### The S4 Framework

1. Remove February break.
2. Move the last 8 class days into January.
3. Reposition the spring break.
4. Stage Commencement two weeks before Memorial Day weekend.
5. Reduce the study/exam period from 13 to 11 days. (The 4+7 distribution is shown.)

■ Instruction Day  
 ■ Break Day  
 ■ Study Day  
 ■ Exam Day  
 ■ Orientation  
 ■ Commencement  
  Move-In/Out Day

# S4: Details

## Discussion

Even though commencement is two weeks earlier, the semester start is only 8 days earlier.

## What Follows

There are 14 possible “versions” of S4 to consider. That is because there are 7 possible MLK dates and 2 kinds of years (non-leap years and leap years).

A full-year calendar that involves S4 requires pairing with F1, F2, or F3. We look at F1+S4, F2+S4, and F3+S4.

## Calendar Metrics Used in Subsequent Slides

### CD: Class Days

CD = 69 means that there are 69 class days.

### WW: Whole Weeks

WW = 12 means that there are 12 weeks with Monday through Friday classdays.

### WB: Weekday Balance

WB = (14,14,13,14,14) means that among class days there are 14 Mondays, 14 Tuesdays, 13 Wednesdays, 14 Thursdays and 14 Fridays.

### CDS: Class Day Streaks

CDS = 18-2-28-5-23 means that there are class day streaks of 18, 2, 28, 5, and 23 that are separated by a 2-day break and a 5-day break.

### CCD: Child Care Days

CCD = 10(2) means that there are approximately 10 Cornell class days that are NOT ICSD class days and 2 Cornell class days that are NOT ICSD elementary school half-days. Based on 2016-17 ICSD calendar.

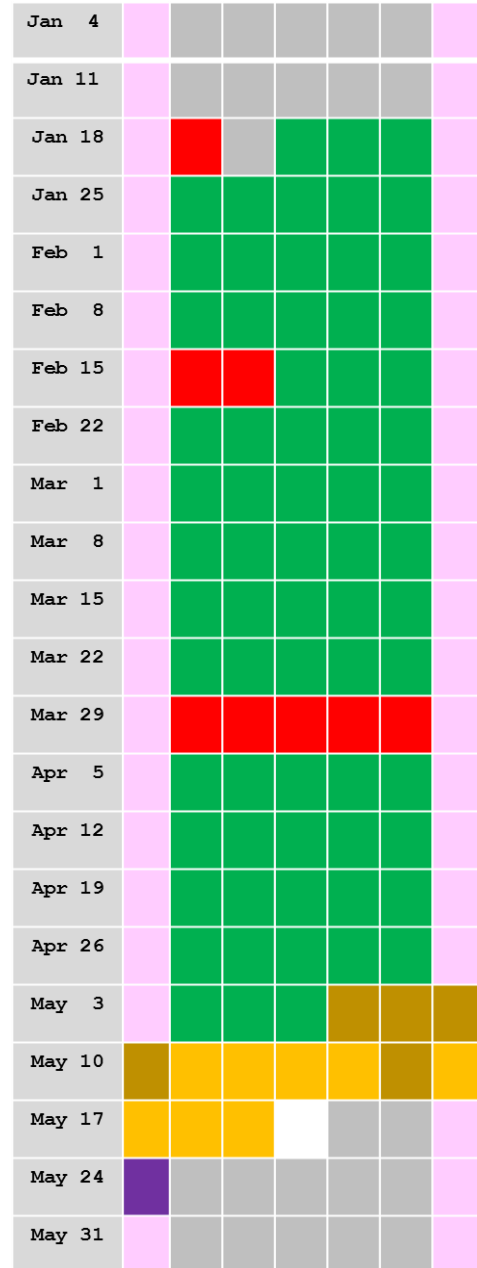
### NYS: New York State's Class Day Count

NYS = 76 means that the sum of class days and exam days is 76. The required minimum is 75.

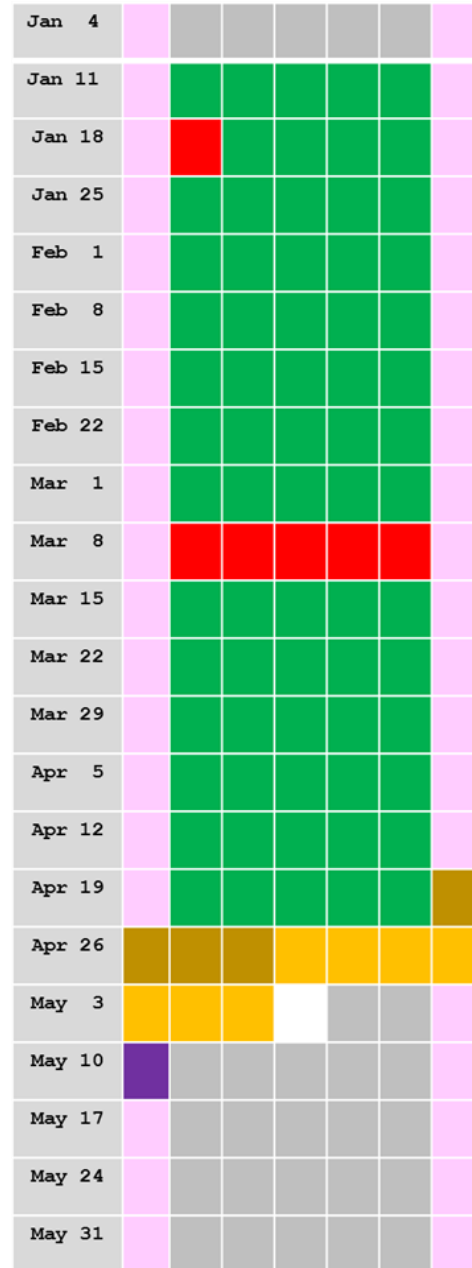
**MLK Day: Jan 19**  
**Next: 2026, 2037**

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



## S4



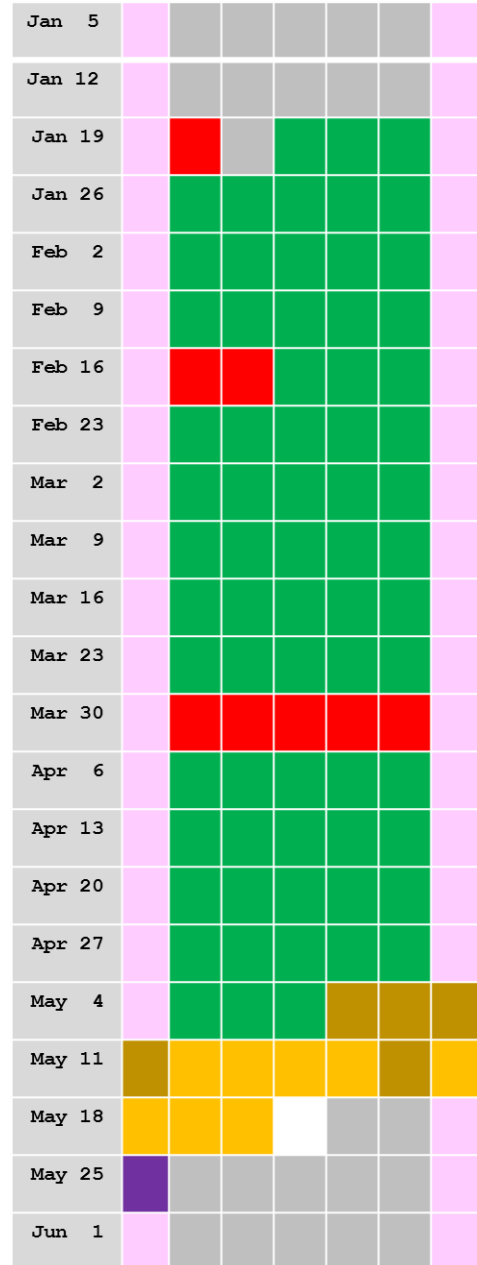
CD 69  
 WW 12  
 WB (13, 13, 15, 14, 14)  
 CDS 18-2-28-5-23  
 CCD 8 (2)  
 NYS 77

CD 69  
 WW 13  
 WB (13, 14, 14, 14, 14)  
 CDS 5-1-34-5-30  
 CCD 10 (2)  
 NYS 76

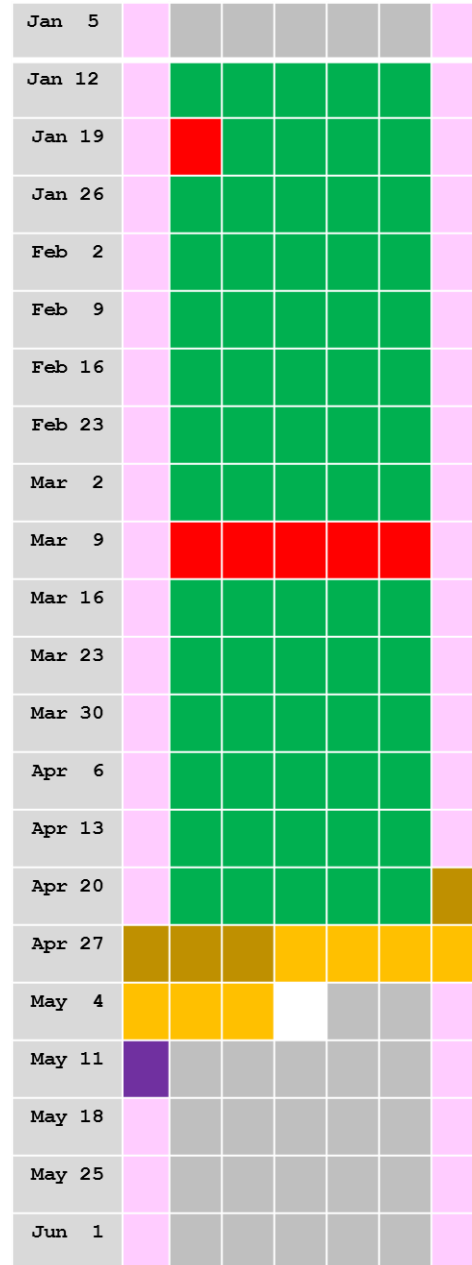
**MLK Day: Jan 20**  
**Next: 2025, 2031**

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



## S4



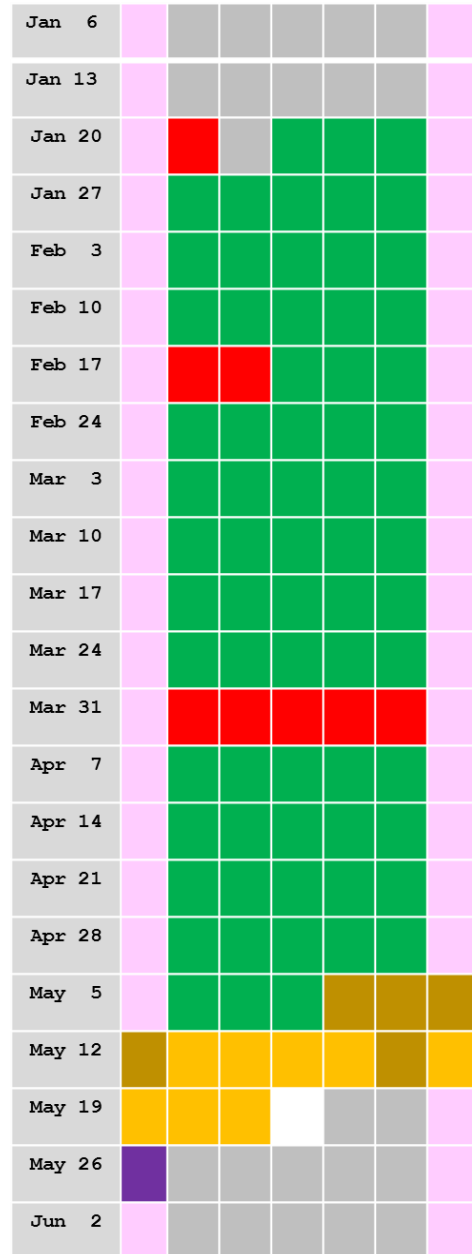
**CD 69**  
**WW 12**  
**WB (13, 13, 15, 14, 14)**  
**CDS 18-2-28-5-23**  
**CCD 8 (2)**  
**NYS 77**

**CD 69**  
**WW 13**  
**WB (13, 14, 14, 14, 14)**  
**CDS 5-1-34-5-30**  
**CCD 10 (2)**  
**NYS 76**

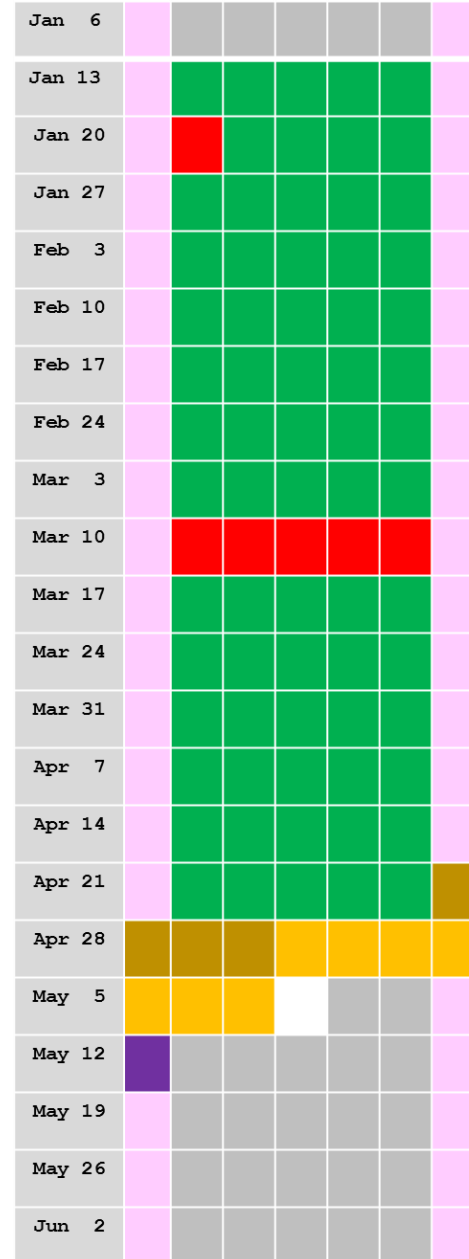
**MLK Day: Jan 21**  
**Next: 2019, 2030**

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



## S4



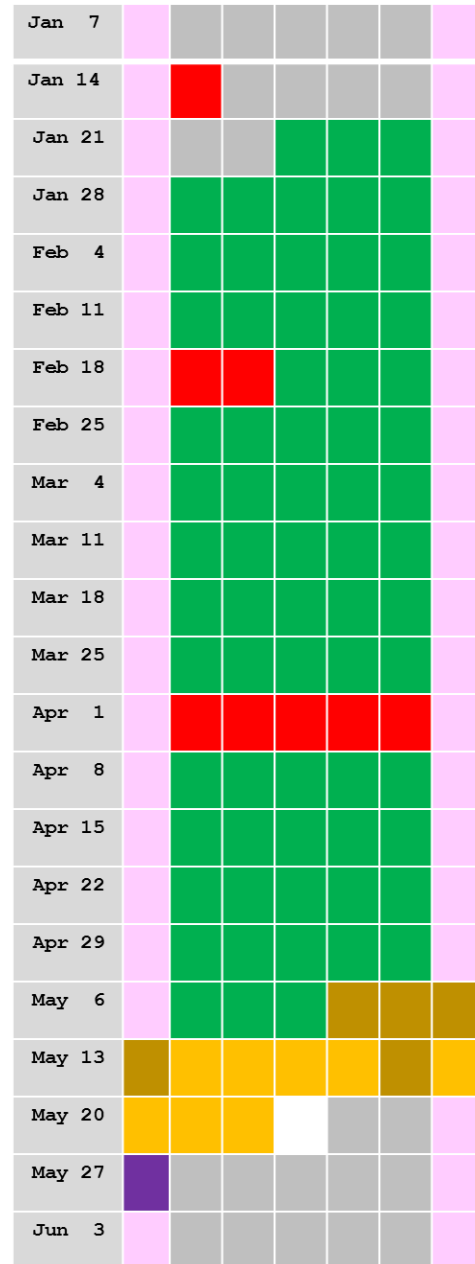
CD 69  
 WW 12  
 WB (13, 13, 15, 14, 14)  
 CDS 18-2-28-5-23  
 CCD 8 (2)  
 NYS 77

CD 69  
 WW 13  
 WB (13, 14, 14, 14, 14)  
 CDS 5-1-34-5-30  
 CCD 10 (2)  
 NYS 76

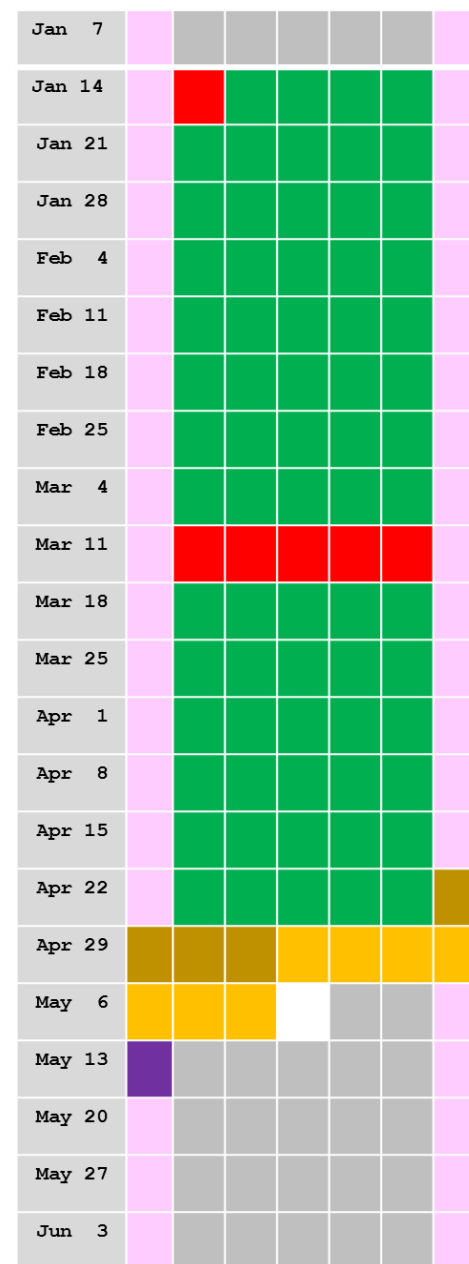
**MLK Day: Jan 15**  
**Next: 2018, 2029**

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



## S4



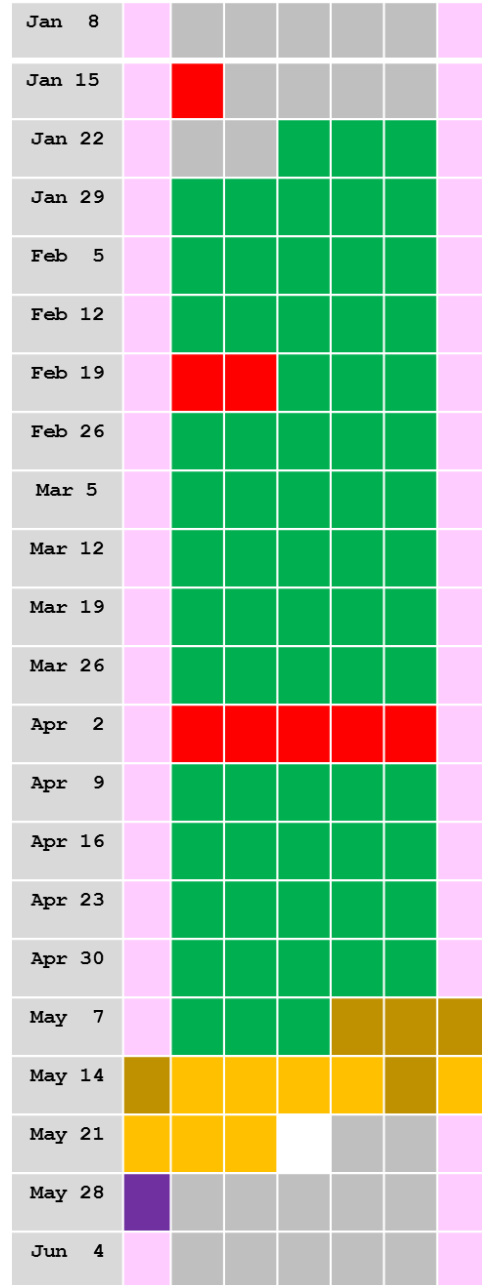
**CD 69**  
**WW 12**  
**WB (13, 13, 15, 14, 14)**  
**CDS 18-2-28-5-23**  
**CCD 8 (2)**  
**NYS 77**

**CD 69**  
**WW 13**  
**WB (13, 14, 14, 14, 14)**  
**CDS 39-5-30**  
**CCD 10 (2)**  
**NYS 76**

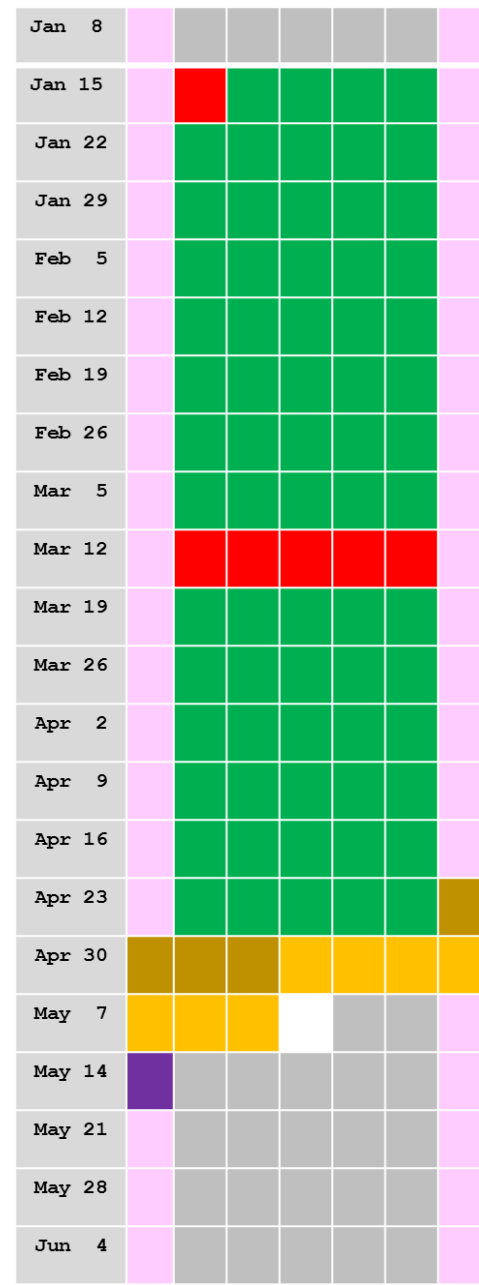
**MLK Day: Jan 16**  
**Next: 2017, 2023**

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



## S4



CD 69  
 WW 12  
 WB (13, 13, 15, 14, 14)  
 CDS 18-2-28-5-23  
 CCD 8 (2)  
 NYS 77

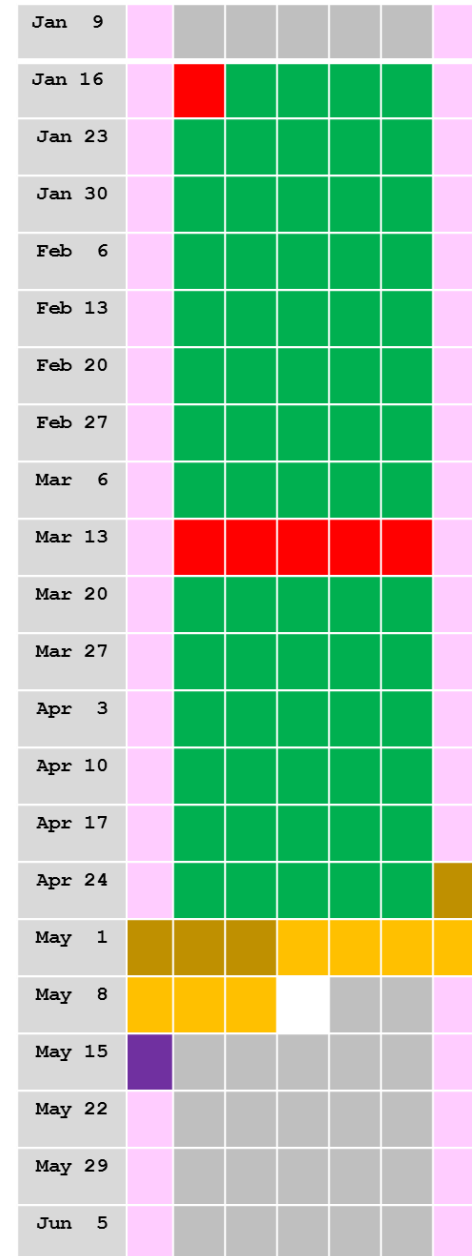
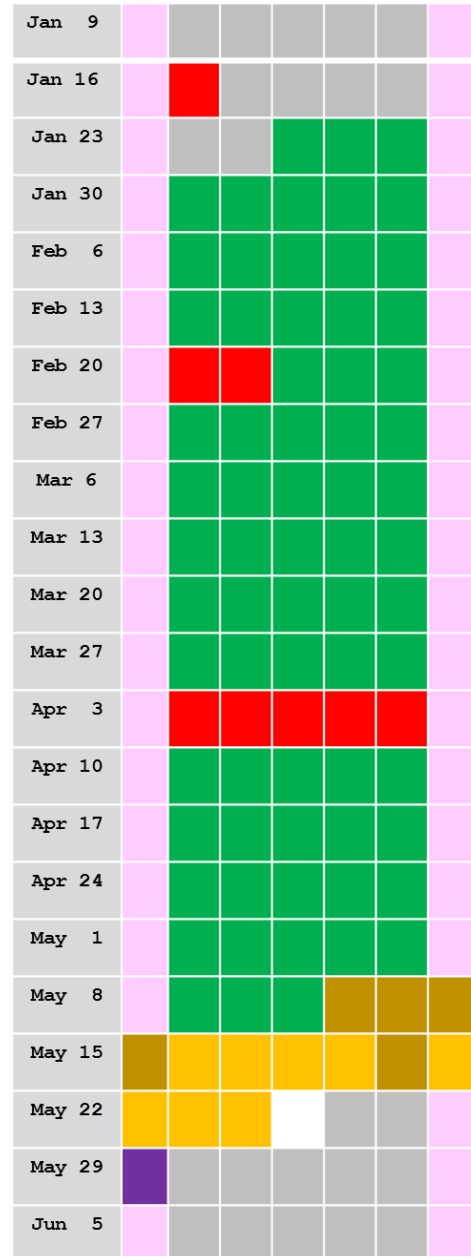
CD 69  
 WW 13  
 WB (13, 14, 14, 14, 14)  
 CDS 39-5-30  
 CCD 10 (2)  
 NYS 76

**MLK Day: Jan 17**  
**Next: 2022, 2033**

## Current

## S4

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day



CD 69  
 WW 12  
 WB (13, 13, 15, 14, 14)  
 CDS 18-2-28-5-23  
 CCD 8 (2)  
 NYS 77

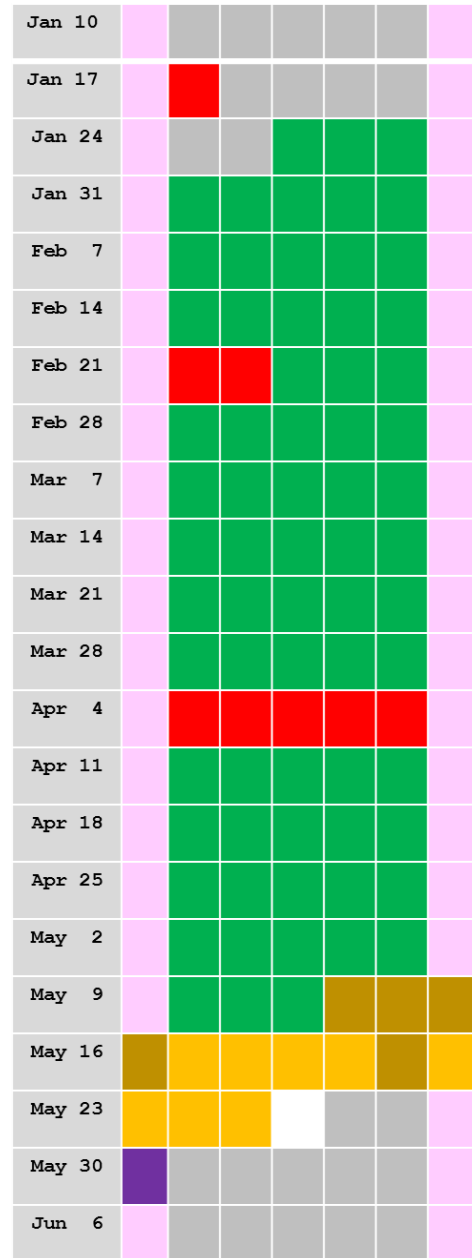
CD 69  
 WW 13  
 WB (13, 14, 14, 14, 14)  
 CDS 39-5-30  
 CCD 10 (2)  
 NYS 76



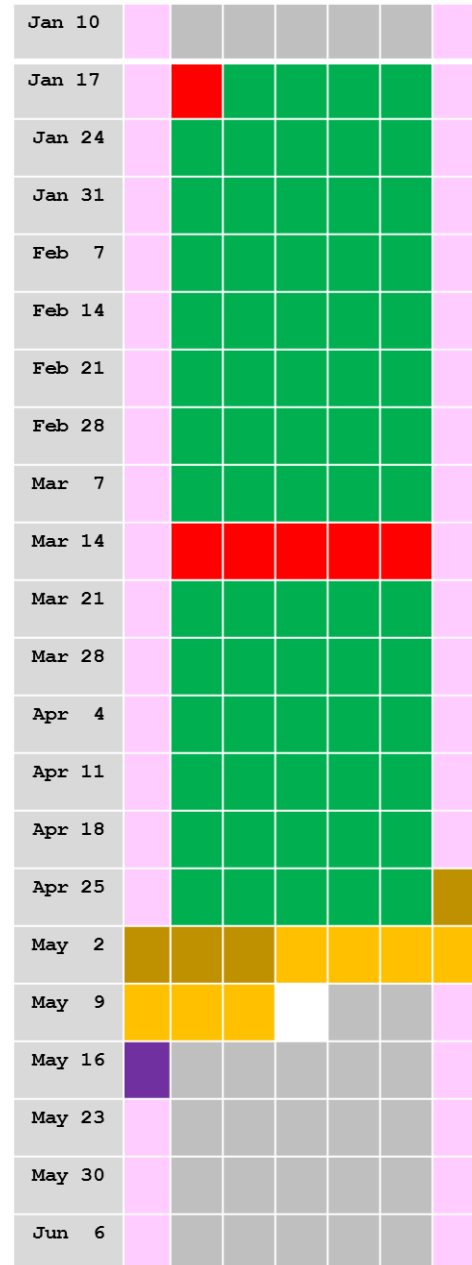
**MLK Day: Jan 18**  
**Next: 2021, 2027**

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



## S4



CD 69  
 WW 12  
 WB (13, 13, 15, 14, 14)  
 CDS 18-2-28-5-23  
 CCD 8 (2)  
 NYS 77

CD 69  
 WW 13  
 WB (13, 14, 14, 14, 14)  
 CDS 39-5-30  
 CCD 10 (2)  
 NYS 76

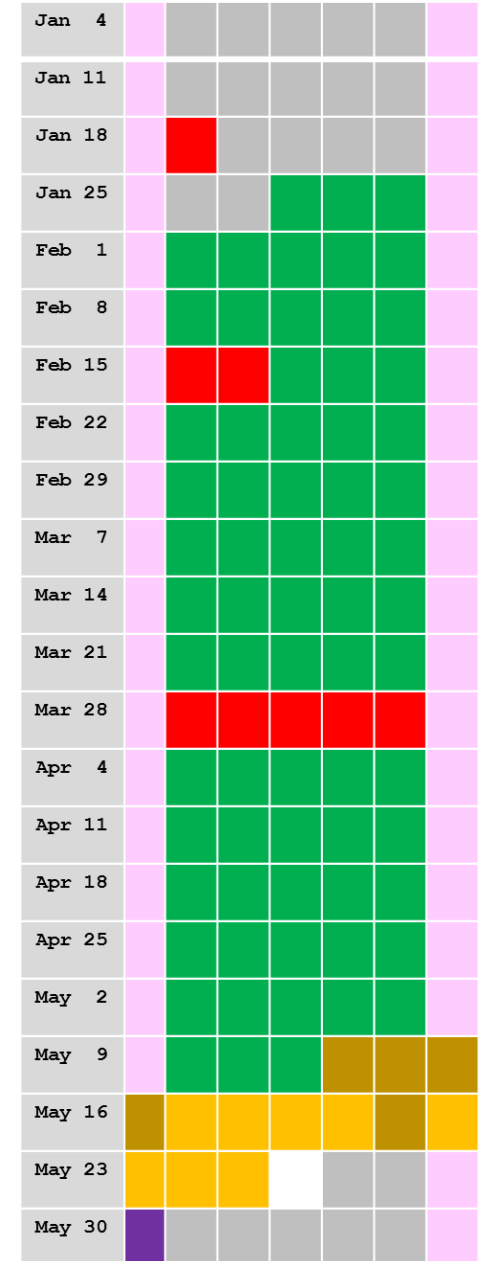
# Leap Year Examples

*There are seven leap year versions of S4.*

**MLK Day: Jan 19**  
**Next: 2032 (Leap Year)**

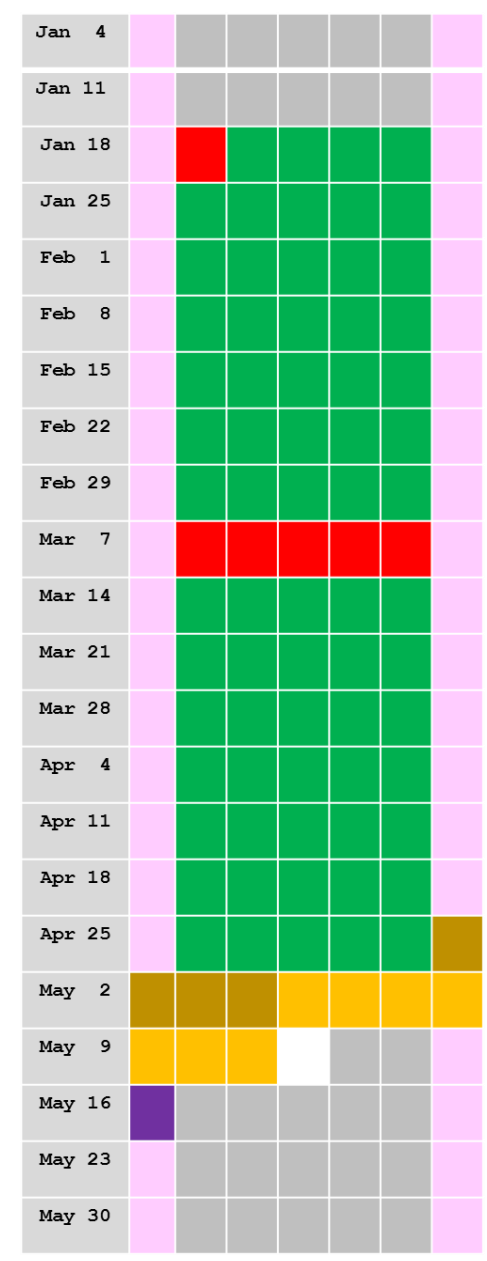
- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



CD 69  
 WW 12  
 WB (13, 13, 15, 14, 14)  
 CDS 18-2-28-5-23  
 CCD 8 (2)  
 NYS 77

## S4

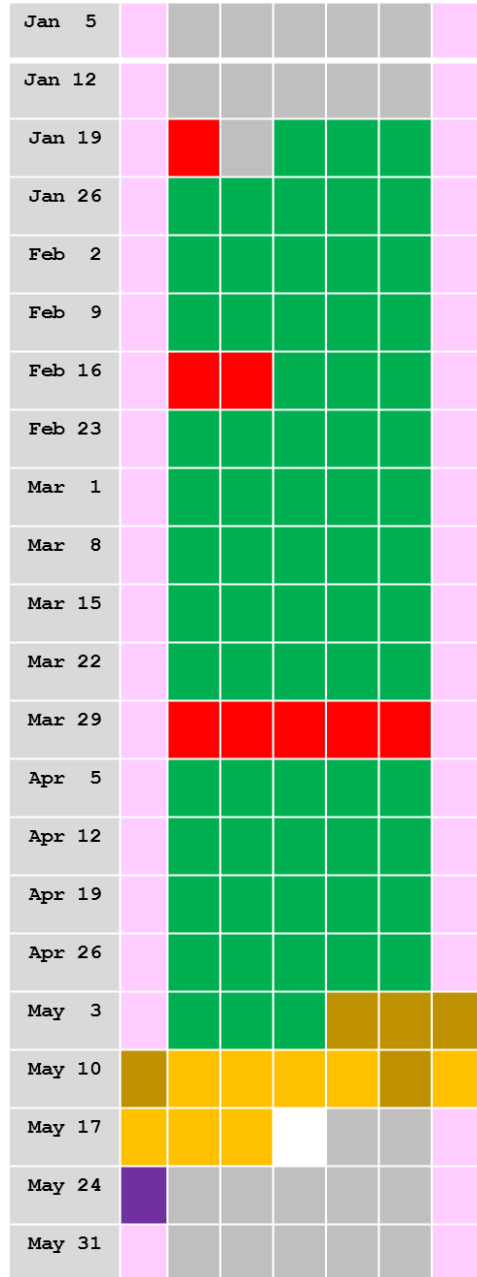


CD 69  
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 WB (13, 14, 14, 14, 14)  
 CDS 34-5-35  
 CCD 10 (2)  
 NYS 76

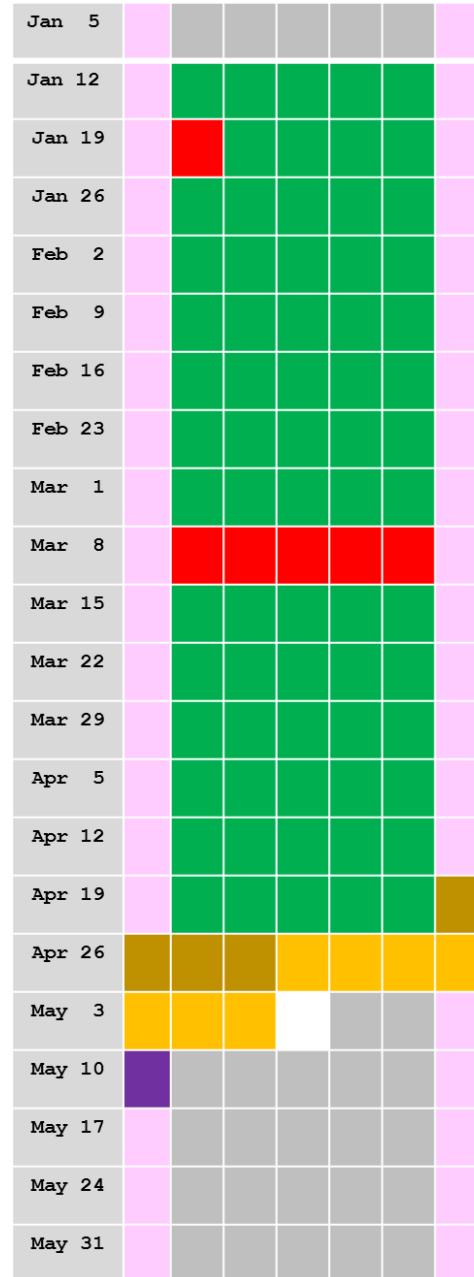
**MLK Day: Jan 20**  
**Next: 2020 (Leap Year)**

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



## S4



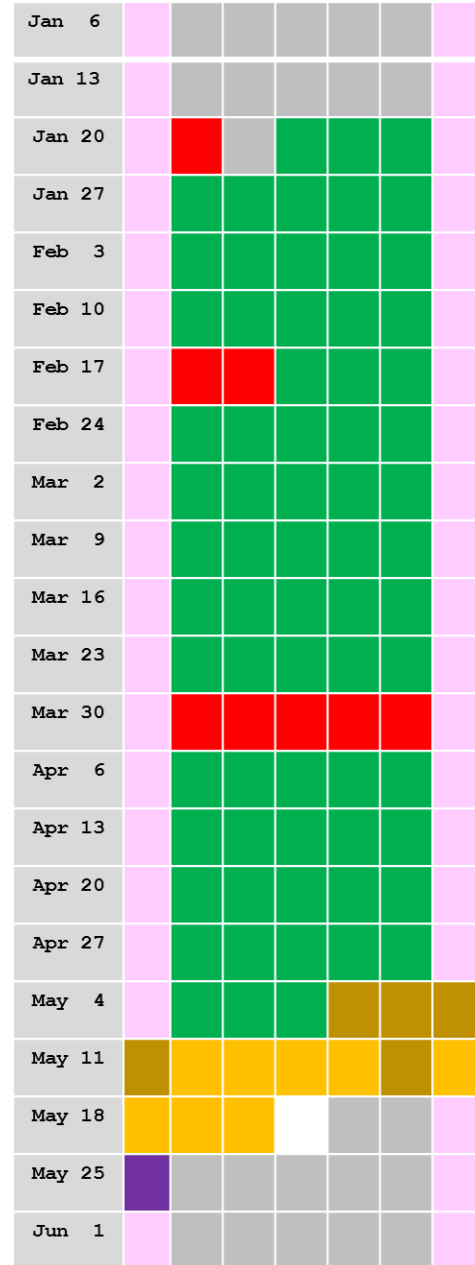
CD 69  
 WW 12  
 WB (13, 13, 15, 14, 14)  
 CDS 18-2-28-5-23  
 CCD 8 (2)  
 NYS 77

CD 69  
 WW 13  
 WB (13, 14, 14, 14, 14)  
 CDS 5-1-34-5-30  
 CCD 10 (2)  
 NYS 76

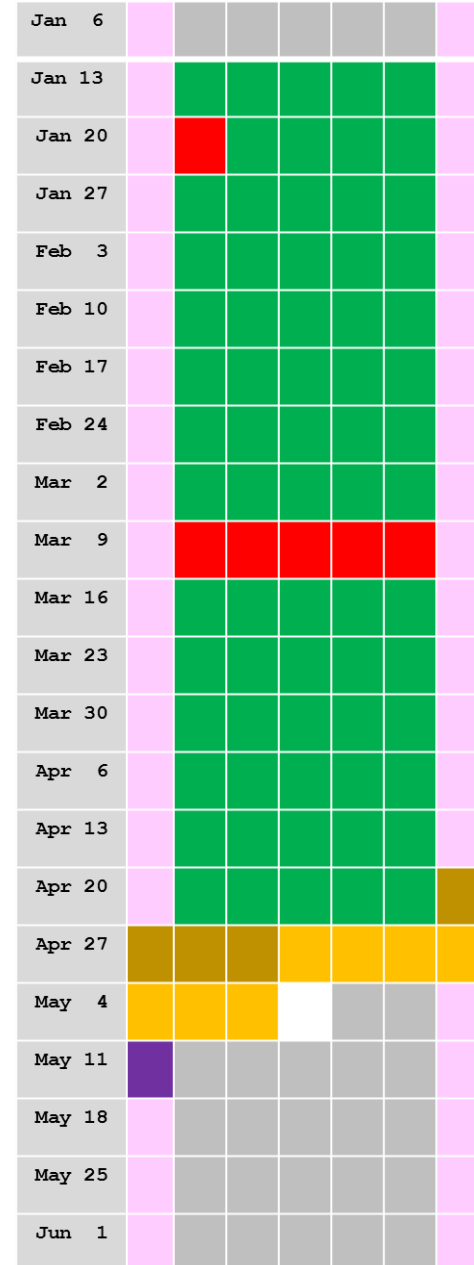
**MLK Day: Jan 21**  
**Next: 2036 (Leap Year)**

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



## S4



CD 69  
 WW 12  
 WB (13, 13, 15, 14, 14)  
 CDS 18-2-28-5-23  
 CCD 8 (2)  
 NYS 77

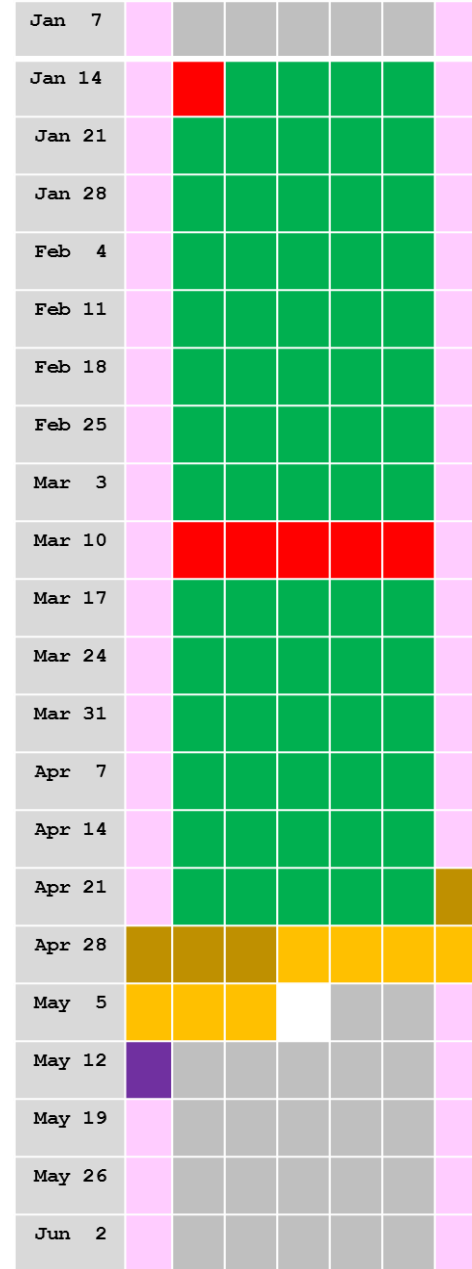
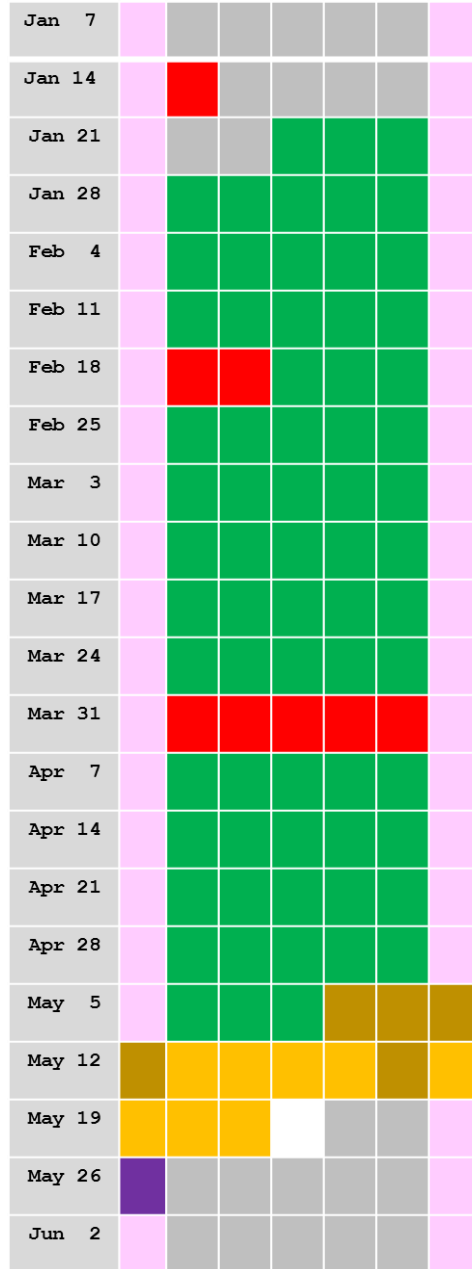
CD 69  
 WW 13  
 WB (13, 14, 14, 14, 14)  
 CDS 5-1-34-5-30  
 CCD 10 (2)  
 NYS 76

**MLK Day: Jan 15**  
**Next: 2024 (Leap Year)**

### Current

### S4

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day



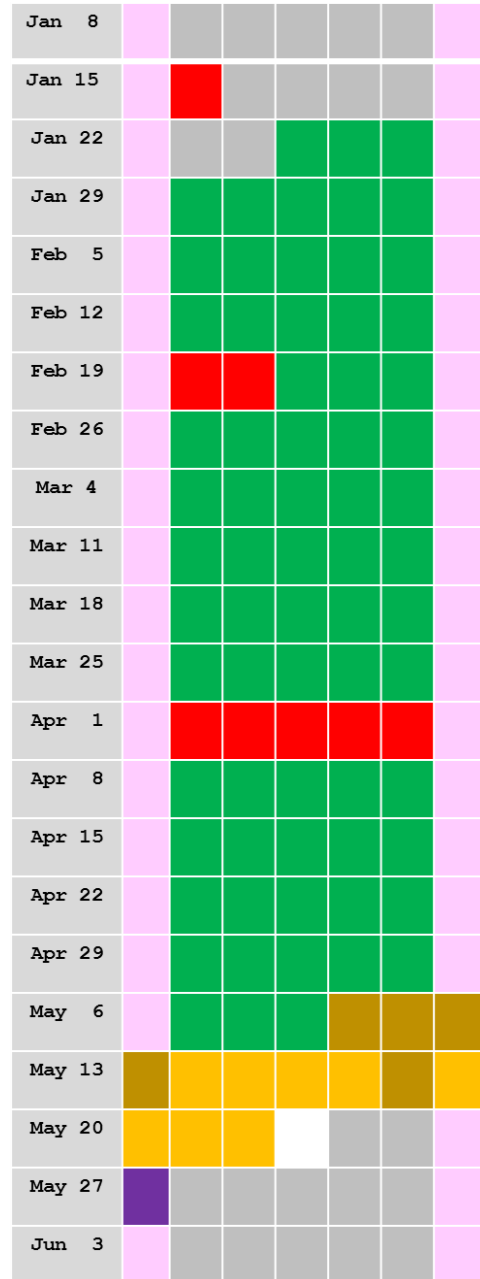
CD 69  
 WW 12  
 WB (13, 13, 15, 14, 14)  
 CDS 18-2-28-5-23  
 CCD 8 (2)  
 NYS 77

CD 69  
 WW 13  
 WB (13, 14, 14, 14, 14)  
 CDS 39-5-30  
 CCD 10 (2)  
 NYS 76

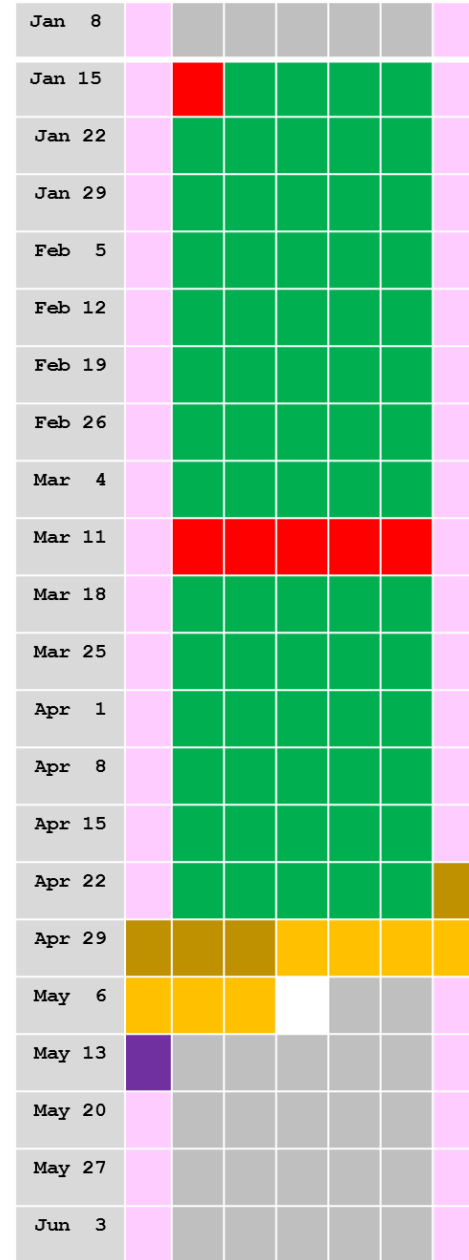
**MLK Day: Jan 16**  
**Next: 2040 (Leap Year)**

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



## S4



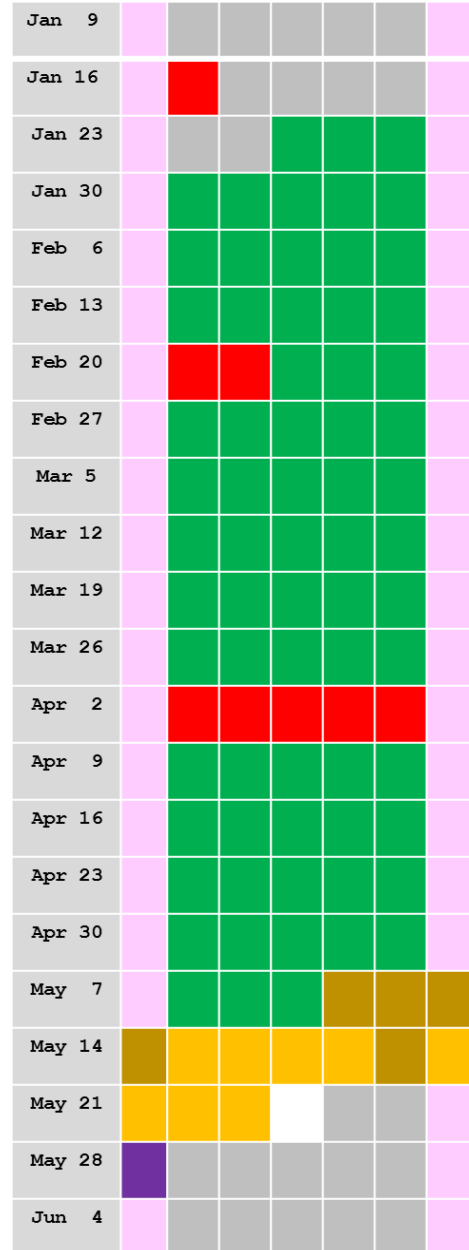
**CD 69**  
**WW 12**  
**WB (13, 13, 15, 14, 14)**  
**CDS 18-2-28-5-23**  
**CCD 8 (2)**  
**NYS 77**

**CD 69**  
**WW 13**  
**WB (13, 14, 14, 14, 14)**  
**CDS 39-5-30**  
**CCD 10 (2)**  
**NYS 75**

**MLK Day: Jan 17**  
**Next: 2028 (Leap Year)**

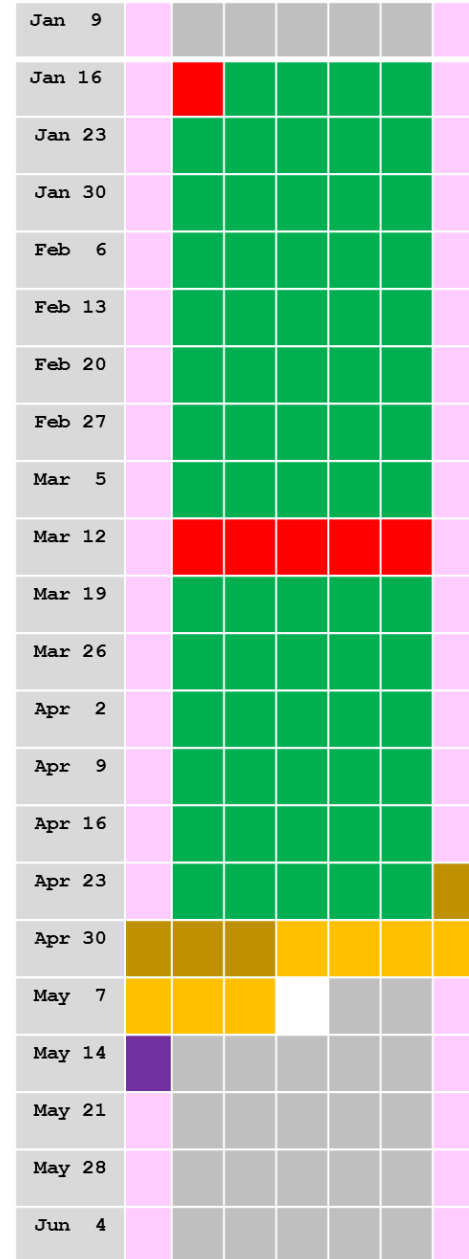
- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



**CD 69**  
**WW 12**  
**WB (13, 13, 15, 14, 14)**  
**CDS 18-2-28-5-23**  
**CCD 8 (2)**  
**NYS 77**

## S4



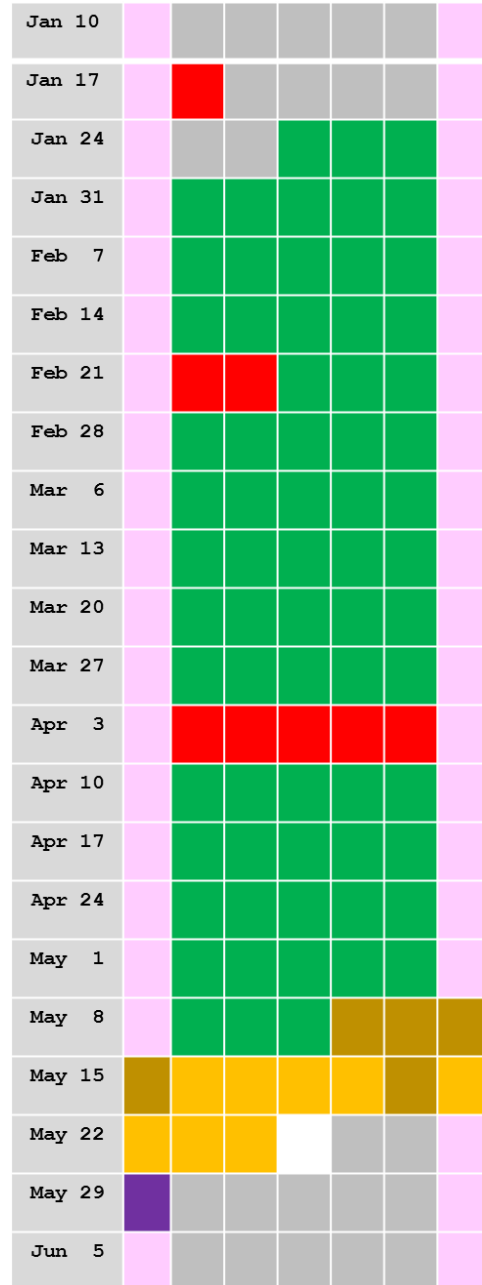
**CD 69**  
**WW 13**  
**WB (13, 14, 14, 14, 14)**  
**CDS 39-5-30**  
**CCD 10 (2)**  
**NYS 76**



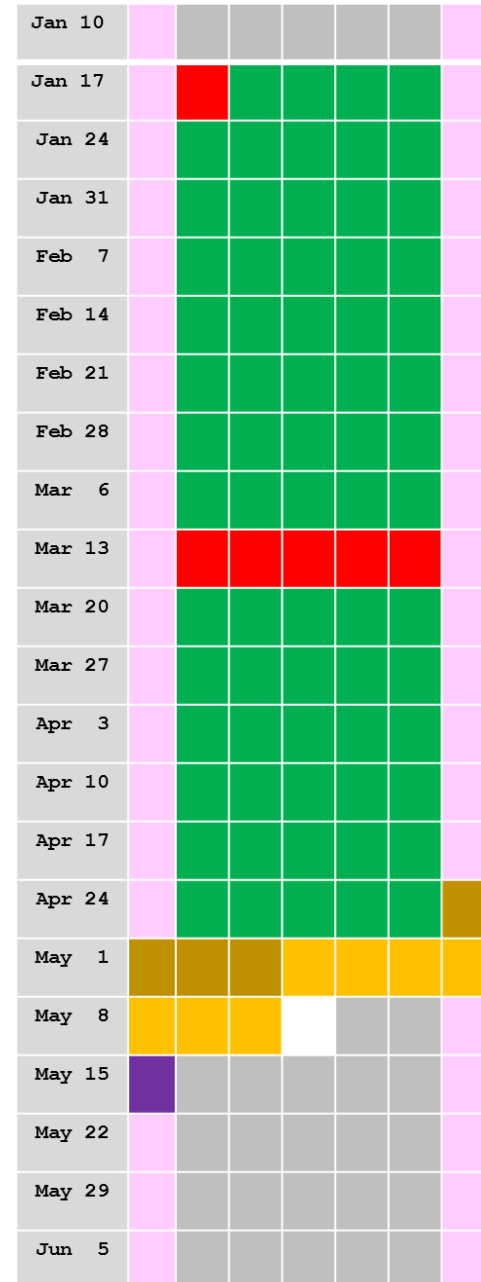
**MLK Day: Jan 18**  
**Next: 2044 (Leap Year)**

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day

## Current



## S4



**CD 69**  
**WW 12**  
**WB (13, 13, 15, 14, 14)**  
**CDS 18-2-28-5-23**  
**CCD 8 (2)**  
**NYS 77**

**CD 69**  
**WW 13**  
**WB (13, 14, 14, 14, 14)**  
**CDS 39-5-30**  
**CCD 10 (2)**  
**NYS 76**

## Full-Year Calendars that Involve S4

What do  $F1+S4$ ,  $F2+S4$ , and  $F3+S4$  look Like?

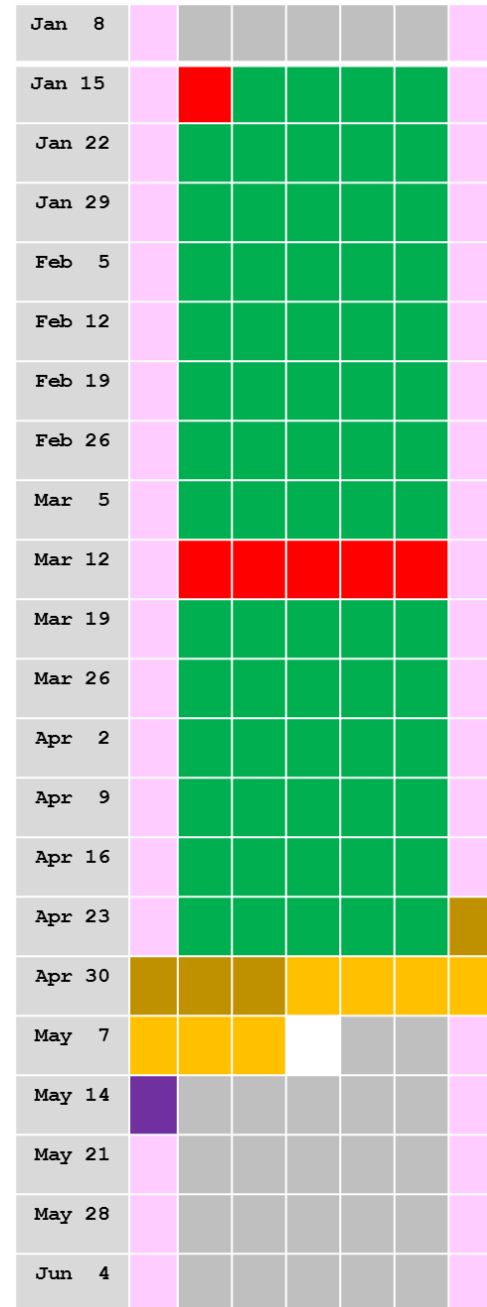
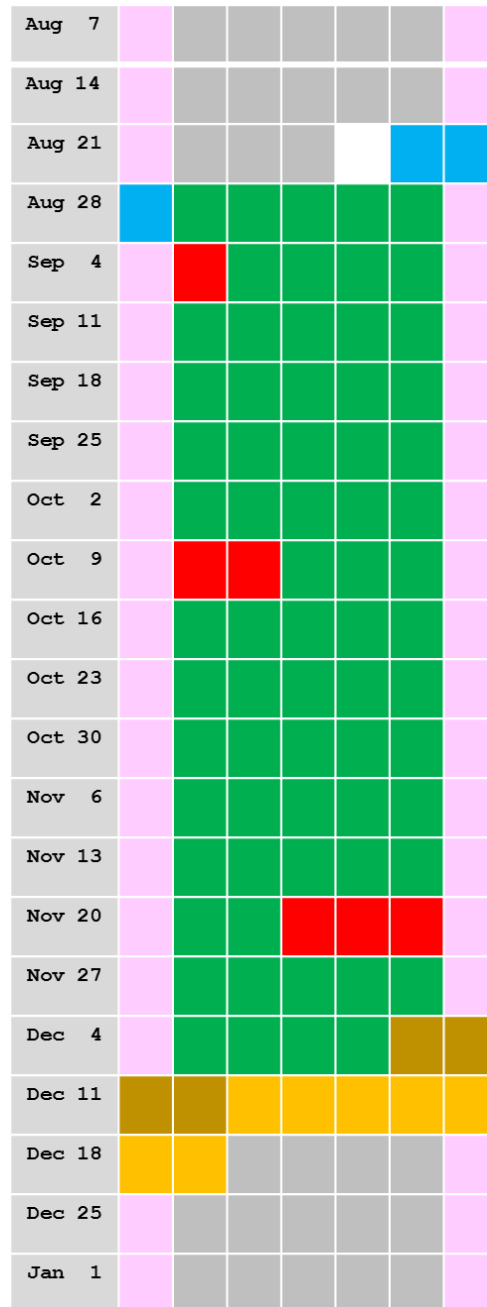
What do they imply for the length of the winter and summer breaks?

# Whole Year Calendar

## F1 + S4

### Illustrated for 2016-17

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day



**CD 68**  
**WW 11**  
**WB (13, 14, 14, 14, 13)**  
**CDS 5-1-24-2-30-3-9**  
**CCD 8 (2)**  
**NYS 75**

**Winter Break** (Last fall exam day to first spring class day with current calendar data in parenthesis.)

**Shortest: 20 (33)**

**Longest: 27 (40)**

**Summer Break.** (Last spring exam day to first fall class day with current calendar data in parenthesis.)

**Shortest: 110 (90)**

**Longest: 117 (97)**

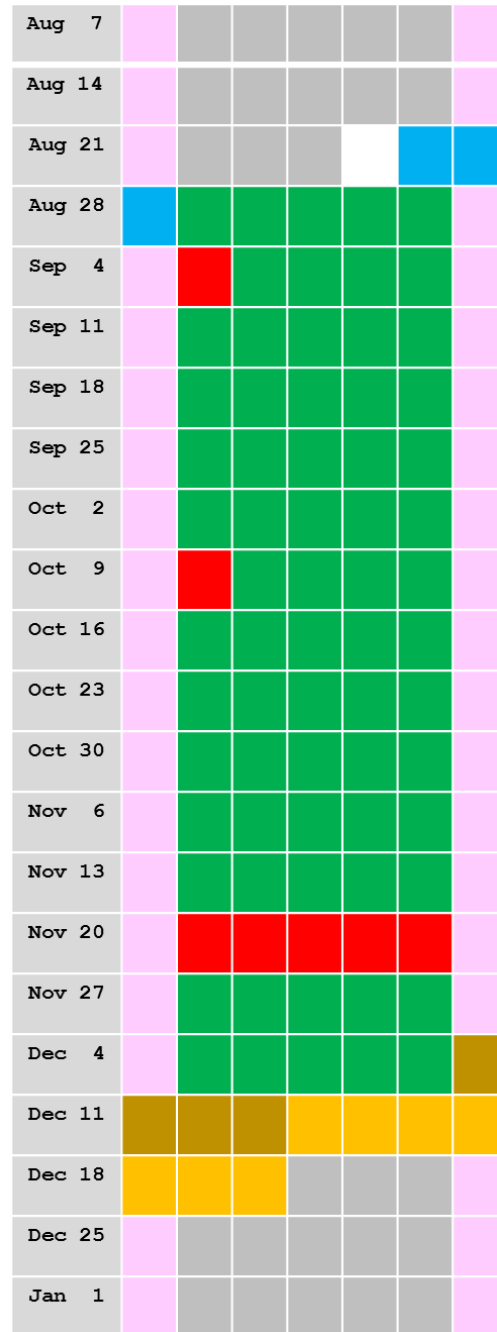
**CD 69**  
**WW 13**  
**WB (13, 14, 14, 14, 14)**  
**CDS 39-5-30**  
**CCD 10 (2)**  
**NYS 76**

# Whole Year Calendar

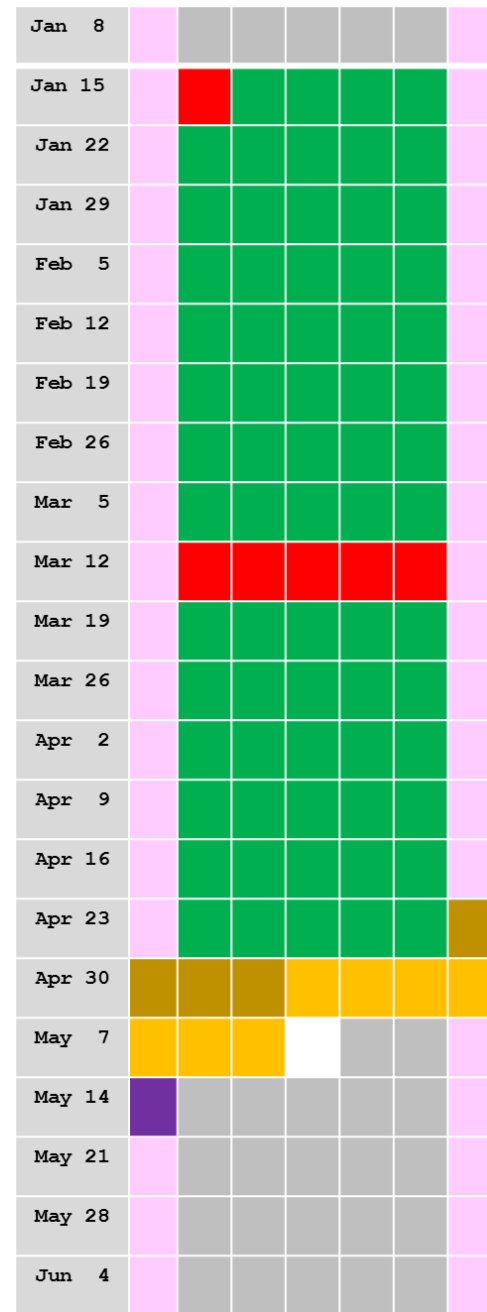
## F2 + S4

### Illustrated for 2016-17

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day



**CD 68**  
**WW 12**  
**WB (12, 14, 14, 14, 14)**  
**CDS 5-1-24-1-29-5-10**  
**CCD 8 (2)**  
**NYS 75**



**Winter Break** (Last fall exam day to first spring class day with current calendar data in parenthesis.)

**Shortest: 20 (33)**

**Longest: 26 (40)**

**Summer Break.** (Last spring exam day to first fall class day with current calendar data in parenthesis.)

**Shortest: 110 (90)**

**Longest: 117 (97)**

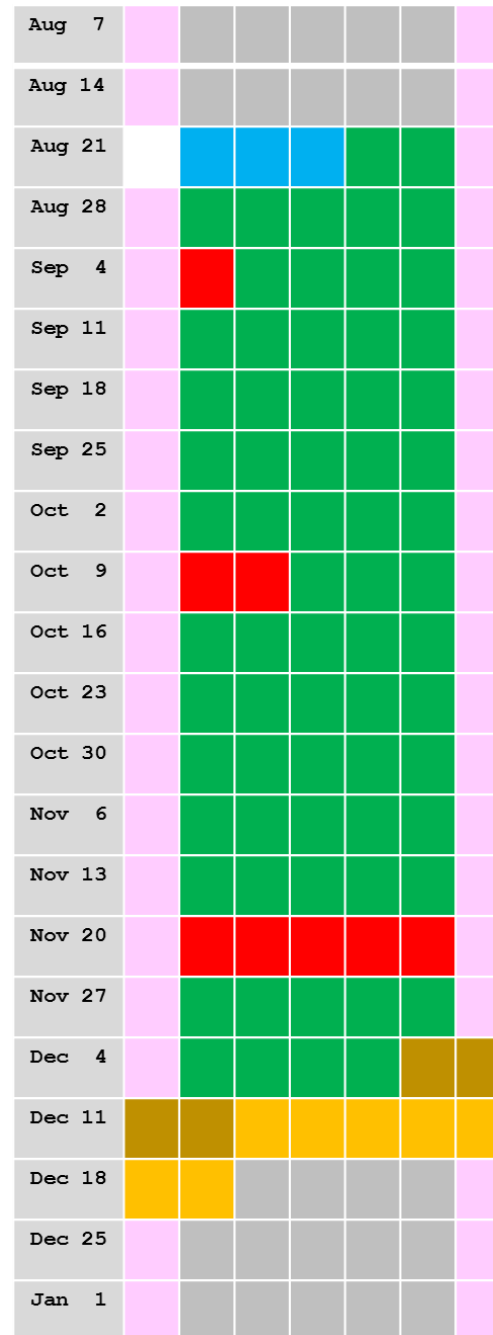
**CD 69**  
**WW 13**  
**WB (13, 14, 14, 14, 14)**  
**CDS 39-5-30**  
**CCD 10 (2)**  
**NYS 76**

# Whole Year Calendar

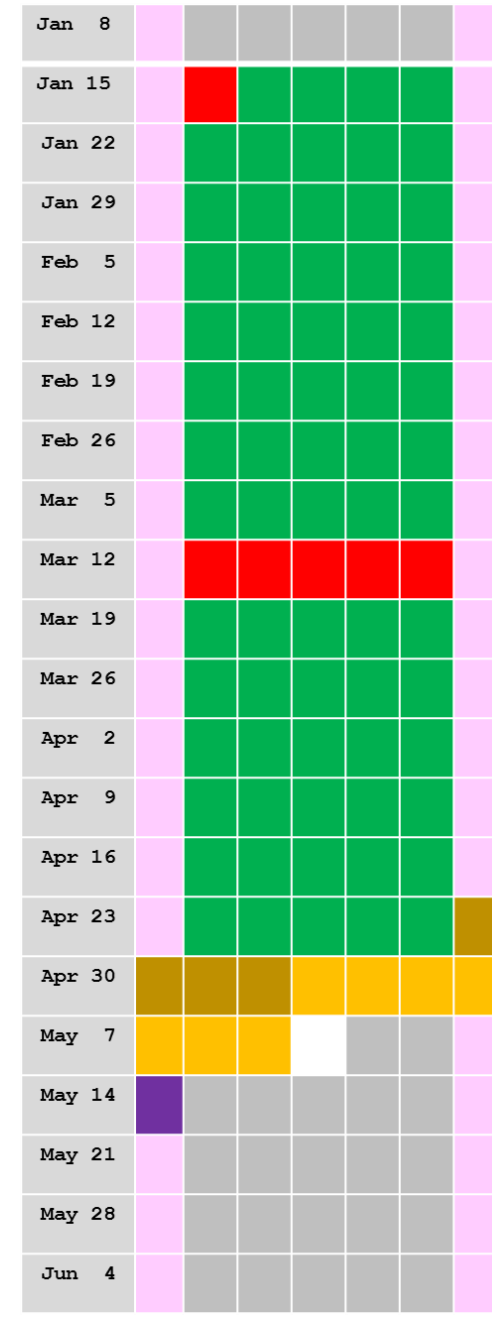
## F3 + S4

### Illustrated for 2016-17

- Instruction Day
- Break Day
- Study Day
- Exam Day
- Orientation
- Commencement
- Move-In/Out Day



**CD 68**  
**WW 11**  
**WB (12, 13, 14, 15, 14)**  
**CDS 7-1-24-2-28-5-9**  
**CCD 10 (2)**  
**NYS 75**



**Winter Break** (Last fall exam day to first spring ter class day with current calendar data in parenthesis.)

**Shortest: 20 (33)**  
**Longest: 27 (40)**

**Summer Break.** (Last spring exam day to first fall class day with current calendar data in parenthesis.)

**Shortest: 106 (90)**  
**Longest: 113 (97)**

**CD 69**  
**WW 13**  
**WB (13, 14, 14, 14, 14)**  
**CDS 39-5-30**  
**CCD 10 (2)**  
**NYS 76**