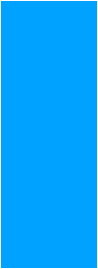


Core 1

Core 2

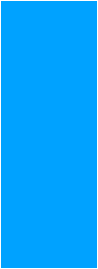
Time

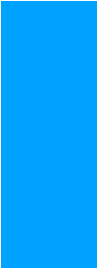






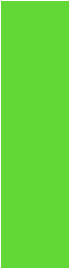














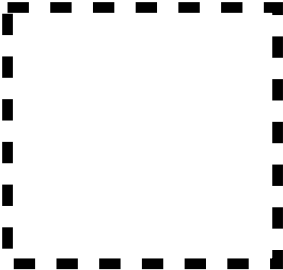






Normal Thread Schedule

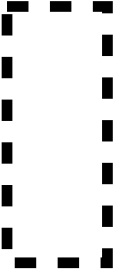












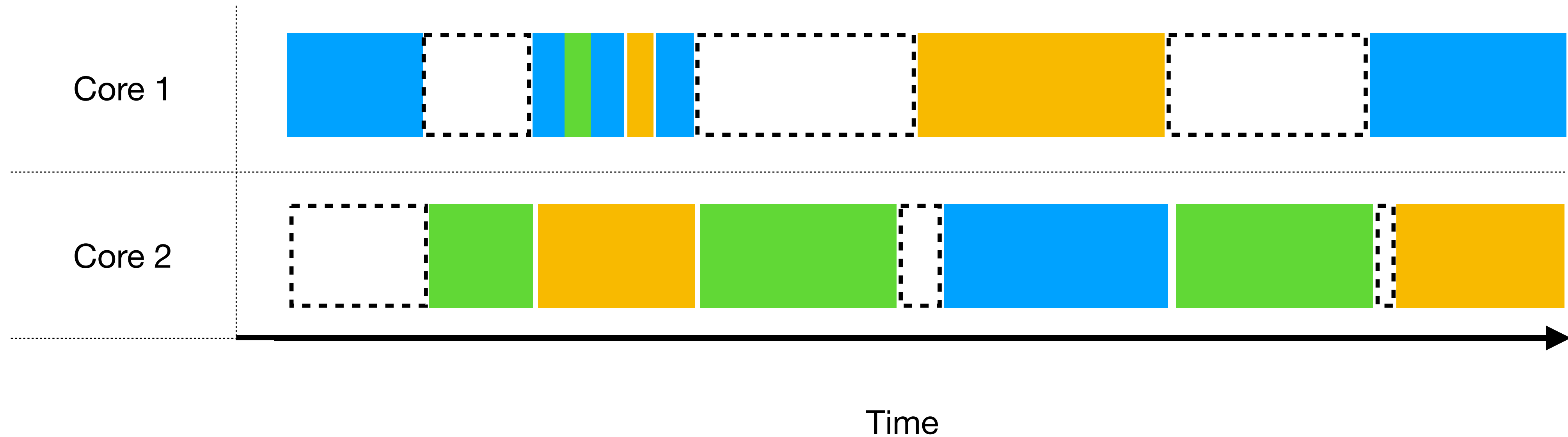


ADC

1

3

Normal Thread Schedule



Real-time Threads

- Real-time threads can give you an uninterrupted period of time to run
- If you exceed this you may be put to sleep (and hence you can miss your deadlines)
- You may be declassified as as a “real-time” thread and hence have less time next callback
- Don't miss your deadlines

<https://developer.apple.com/library/archive/documentation/Darwin/Conceptual/KernelProgramming/scheduler/scheduler.html>