

Round Robin Scheduling Template P16C4R15



This scheduling template supports, but doesn't require, a ranked pool where P1 is the strongest player, P2 the next strongest etc.

Provided all 15 rounds are played, this schedule is optimal for partner variety (every player partners with every other player exactly once), optimal for sitouts (everyone sits out 0 times), strong for opposition variety (3 player-pair opposition matchups are missed) and optimal for balancing team strength across the rounds (average P-number gap 5.83, max gap 21).

If your session goes for 2 hours, I'd recommend having each of the 15 rounds go for 6 minutes with a 2 minute break between rounds.

Players 16 (1 - 16)
 Courts 4 (1 - 4)
 Rounds 15 (1 - 15)

| Round | Court #1 | | Court #2 | | Court #3 | | Court #4 | |
|-------|----------|--------------|----------|--------------|----------|--------------|-----------|--------------|
| 1 | P1 x P16 | vs P6 x P11 | P2 x P15 | vs P8 x P9 | P3 x P14 | vs P4 x P13 | P5 x P12 | vs P7 x P10 |
| 2 | P1 x P3 | vs P6 x P15 | P2 x P4 | vs P10 x P11 | P5 x P16 | vs P9 x P12 | P7 x P14 | vs P8 x P13 |
| 3 | P1 x P14 | vs P4 x P9 | P2 x P11 | vs P6 x P7 | P3 x P10 | vs P5 x P8 | P12 x P16 | vs P13 x P15 |
| 4 | P1 x P5 | vs P2 x P8 | P3 x P7 | vs P11 x P14 | P4 x P6 | vs P9 x P16 | P10 x P15 | vs P12 x P13 |
| 5 | P1 x P12 | vs P3 x P6 | P2 x P7 | vs P4 x P5 | P8 x P16 | vs P11 x P13 | P9 x P15 | vs P10 x P14 |
| 6 | P1 x P7 | vs P13 x P16 | P2 x P12 | vs P3 x P11 | P4 x P10 | vs P6 x P8 | P5 x P9 | vs P14 x P15 |
| 7 | P1 x P10 | vs P5 x P15 | P2 x P3 | vs P6 x P14 | P4 x P16 | vs P8 x P12 | P7 x P13 | vs P9 x P11 |
| 8 | P1 x P9 | vs P3 x P15 | P2 x P16 | vs P4 x P14 | P5 x P13 | vs P6 x P12 | P7 x P11 | vs P8 x P10 |
| 9 | P1 x P11 | vs P8 x P14 | P2 x P5 | vs P9 x P13 | P3 x P4 | vs P7 x P15 | P6 x P16 | vs P10 x P12 |
| 10 | P1 x P13 | vs P2 x P9 | P3 x P8 | vs P10 x P16 | P4 x P7 | vs P12 x P14 | P5 x P6 | vs P11 x P15 |
| 11 | P1 x P15 | vs P4 x P11 | P2 x P13 | vs P3 x P12 | P5 x P10 | vs P14 x P16 | P6 x P9 | vs P7 x P8 |
| 12 | P1 x P2 | vs P7 x P12 | P3 x P16 | vs P9 x P10 | P4 x P15 | vs P6 x P13 | P5 x P14 | vs P8 x P11 |
| 13 | P1 x P4 | vs P10 x P13 | P2 x P6 | vs P8 x P15 | P3 x P5 | vs P7 x P16 | P9 x P14 | vs P11 x P12 |
| 14 | P1 x P6 | vs P5 x P7 | P2 x P10 | vs P13 x P14 | P3 x P9 | vs P4 x P8 | P11 x P16 | vs P12 x P15 |
| 15 | P1 x P8 | vs P4 x P12 | P2 x P14 | vs P15 x P16 | P3 x P13 | vs P5 x P11 | P6 x P10 | vs P7 x P9 |