

Round Robin Scheduling Template P19C4R19



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

Provided all 19 rounds are played, this schedule is optimal for partner variety (36 partner pairings are missed and 17 repeated partner pairings), optimal for sitouts (everyone sits out 3 times), optimal for opposition variety (no player-pair opposition matchups are missed) and OK for balancing team strength across the rounds (average P-number gap 9.21, max gap 28).

If your session goes for 2 hours, I'd recommend having each of the 19 rounds go for 4 minutes with a 2 minute break between rounds.

Players 19 (1 - 19)
 Courts 4 (1 - 4)
 Rounds 19 (1 - 19)

Round	Court #1		Court #2		Court #3		Court #4		Sitting out
1	P1 x P2	vs P3 x P4	P5 x P6	vs P7 x P8	P10 x P9	vs P11 x P12	P13 x P14	vs P15 x P16	P17, P18, P19
2	P13 x P15	vs P19 x P7	P14 x P4	vs P17 x P9	P10 x P12	vs P2 x P8	P11 x P18	vs P3 x P6	P1, P5, P16
3	P12 x P2	vs P17 x P19	P11 x P3	vs P16 x P5	P10 x P18	vs P14 x P7	P1 x P15	vs P6 x P9	P4, P8, P13
4	P11 x P13	vs P18 x P4	P1 x P7	vs P17 x P8	P12 x P9	vs P16 x P3	P14 x P5	vs P19 x P2	P6, P10, P15
5	P1 x P17	vs P11 x P19	P10 x P16	vs P15 x P5	P13 x P8	vs P14 x P9	P12 x P4	vs P18 x P6	P2, P3, P7
6	P19 x P3	vs P4 x P7	P11 x P8	vs P18 x P2	P10 x P17	vs P13 x P16	P1 x P5	vs P15 x P6	P9, P12, P14
7	P12 x P14	vs P4 x P7	P10 x P15	vs P17 x P3	P1 x P18	vs P16 x P2	P19 x P5	vs P8 x P9	P6, P11, P13
8	P1 x P13	vs P10 x P5	P11 x P14	vs P12 x P15	P16 x P7	vs P2 x P4	P17 x P6	vs P3 x P9	P8, P18, P19
9	P15 x P17	vs P4 x P8	P10 x P7	vs P18 x P9	P1 x P3	vs P13 x P14	P11 x P16	vs P19 x P6	P2, P5, P12
10	P10 x P3	vs P17 x P19	P16 x P4	vs P5 x P8	P11 x P2	vs P13 x P6	P1 x P9	vs P12 x P18	P7, P14, P15

Round	Court #1		Court #2		Court #3		Court #4		Sitting out
11	P15 x P2	vs P19 x P9	P1 x P10	vs P6 x P7	P12 x P8	vs P13 x P3	P14 x P18	vs P17 x P5	P4, P11, P16
12	P14 x P2	vs P5 x P9	P13 x P19	vs P16 x P6	P10 x P8	vs P18 x P4	P11 x P15	vs P12 x P7	P1, P3, P17
13	P13 x P2	vs P3 x P7	P12 x P17	vs P18 x P5	P14 x P16	vs P4 x P6	P1 x P11	vs P19 x P8	P9, P10, P15
14	P12 x P3	vs P15 x P8	P11 x P6	vs P14 x P17	P16 x P9	vs P18 x P7	P10 x P13	vs P4 x P5	P1, P2, P19
15	P15 x P4	vs P2 x P6	P1 x P16	vs P10 x P11	P3 x P8	vs P7 x P9	P13 x P5	vs P18 x P19	P12, P14, P17
16	P10 x P4	vs P19 x P3	P13 x P17	vs P2 x P9	P14 x P15	vs P18 x P8	P1 x P12	vs P5 x P7	P6, P11, P16
17	P11 x P16	vs P15 x P8	P17 x P4	vs P5 x P7	P14 x P19	vs P2 x P3	P1 x P6	vs P12 x P13	P9, P10, P18
18	P12 x P19	vs P17 x P18	P3 x P5	vs P6 x P7	P10 x P2	vs P11 x P15	P1 x P14	vs P16 x P9	P4, P8, P13
19	P1 x P13	vs P12 x P17	P11 x P19	vs P14 x P8	P15 x P18	vs P2 x P4	P10 x P16	vs P6 x P9	P3, P5, P7