

Round Robin Scheduling Template P20C4R20



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

Provided all 20 rounds are played, this schedule is optimal for partner variety (39 partner pairings are missed and 9 repeated partner pairings), optimal for sitouts (everyone sits out 4 times), optimal for opposition variety (1 player-pair opposition matchup are missed) and optimal for balancing team strength across the rounds (average P-number gap 8.98, max gap 26).

If your session goes for 2 hours, I'd recommend having each of the 20 rounds go for 4 minutes with a 2 minute break between rounds.

Players 20 (1 - 20)
 Courts 4 (1 - 4)
 Rounds 20 (1 - 20)

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, P20
2	P1 x P17	vs P13 x P20	P15 x P18	vs P3 x P5	P11 x P14	vs P4 x P6	P12 x P9	vs P19 x P2	P7, P8, P10, P16
3	P10 x P20	vs P15 x P3	P14 x P19	vs P2 x P7	P13 x P8	vs P18 x P9	P16 x P5	vs P17 x P4	P1, P6, P11, P12
4	P11 x P20	vs P16 x P7	P10 x P5	vs P14 x P6	P12 x P19	vs P13 x P18	P1 x P4	vs P17 x P8	P2, P3, P9, P15
5	P10 x P15	vs P18 x P2	P11 x P9	vs P17 x P20	P1 x P8	vs P16 x P19	P12 x P3	vs P6 x P7	P4, P5, P13, P14
6	P17 x P9	vs P18 x P6	P10 x P8	vs P13 x P7	P11 x P3	vs P12 x P5	P14 x P4	vs P19 x P20	P1, P2, P15, P16
7	P16 x P4	vs P3 x P6	P13 x P5	vs P20 x P9	P1 x P14	vs P12 x P18	P11 x P17	vs P15 x P2	P7, P8, P10, P19
8	P16 x P20	vs P18 x P19	P1 x P7	vs P2 x P9	P14 x P15	vs P6 x P8	P10 x P12	vs P17 x P5	P3, P4, P11, P13
9	P11 x P13	vs P3 x P8	P12 x P2	vs P16 x P6	P1 x P20	vs P10 x P14	P15 x P7	vs P19 x P4	P5, P9, P17, P18

Round	Court #1		Court #2		Court #3		Court #4		Sitting out
10	P15 x P8	vs P17 x P3	P1 x P10	vs P19 x P5	P13 x P9	vs P4 x P7	P11 x P2	vs P16 x P18	P6, P12, P14, P20
11	P12 x P6	vs P20 x P4	P1 x P15	vs P11 x P7	P19 x P2	vs P5 x P8	P14 x P18	vs P3 x P9	P10, P13, P16, P17
12	P11 x P5	vs P12 x P13	P17 x P6	vs P19 x P7	P14 x P20	vs P2 x P8	P10 x P16	vs P4 x P9	P1, P3, P15, P18
13	P12 x P18	vs P15 x P19	P13 x P17	vs P14 x P3	P1 x P9	vs P2 x P6	P10 x P7	vs P16 x P8	P4, P5, P11, P20
14	P1 x P11	vs P15 x P17	P10 x P6	vs P13 x P16	P20 x P3	vs P5 x P7	P12 x P4	vs P18 x P8	P2, P9, P14, P19
15	P10 x P4	vs P17 x P2	P11 x P19	vs P13 x P3	P14 x P16	vs P18 x P20	P1 x P15	vs P5 x P9	P6, P7, P8, P12
16	P11 x P16	vs P14 x P5	P12 x P7	vs P4 x P8	P13 x P2	vs P15 x P6	P17 x P9	vs P19 x P3	P1, P10, P18, P20
17	P1 x P19	vs P11 x P15	P16 x P3	vs P8 x P9	P10 x P13	vs P12 x P14	P18 x P4	vs P20 x P6	P2, P5, P7, P17
18	P12 x P16	vs P13 x P15	P17 x P7	vs P18 x P5	P11 x P4	vs P2 x P20	P1 x P3	vs P10 x P19	P6, P8, P9, P14
19	P1 x P18	vs P11 x P6	P12 x P17	vs P7 x P9	P14 x P8	vs P2 x P5	P10 x P3	vs P20 x P4	P13, P15, P16, P19
20	P14 x P2	vs P17 x P19	P10 x P18	vs P7 x P8	P15 x P16	vs P20 x P9	P1 x P6	vs P13 x P5	P3, P4, P11, P12