

12-Week Advanced Road Cycling Training Plan for 100 miles

12 weeks - 6 rides/week - RPE-based



THIS PLAN ASSUMES

EFFORT SYSTEM

Power zones (% FTP) + HR zones (% max HR)

WEEKLY HOURS

12h

RIDES / WEEK

6

PLAN OVERVIEW

Base

Weeks 1-3 · 10-12h/week

Aerobic base with tempo progression.

Build

Weeks 4-9 · 12-15h/week

Sweet spot, threshold, and VO2max progression.

Peak

Weeks 10-11 · 12-14h/week

Race-specific preparation and pacing rehearsals.

Taper

Weeks 12 · 5-7h/week

Volume reduction, activation rides, race day.

BASE

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Week 1	Rest	Endurance + 3x10min tempo @ 76-90% FTP / 71-80% HR 80 min	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Endurance + 2x15min sweet spot @ 88-93% FTP / 71-80% HR 80 min	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Long endurance @ 56-75% FTP / 60-70% HR 2.5h	Recovery @ 0-55% FTP / 0-59% HR 50 min
Week 2	Rest	Endurance + 3x10min tempo @ 76-90% FTP / 71-80% HR 80 min	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Endurance + 2x15min sweet spot @ 88-93% FTP / 71-80% HR 80 min	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Long endurance @ 56-75% FTP / 60-70% HR 2.8h	Recovery @ 0-55% FTP / 0-59% HR 50 min
Week 3	Rest	Endurance + 3x10min tempo @ 76-90% FTP / 71-80% HR 80 min	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Endurance + 2x15min sweet spot @ 88-93% FTP / 71-80% HR 80 min	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Long endurance @ 56-75% FTP / 60-70% HR 3.1h	Recovery @ 0-55% FTP / 0-59% HR 50 min

BUILD

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Week 4	Rest -	Endurance + 3x16min sweet spot @ 88-93% FTP / 71-80% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Endurance + 2x20min threshold @ 91-105% FTP / 81-90% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Long endurance @ 56-75% FTP / 60-70% HR 3.5h	Recovery @ 0-55% FTP / 0-59% HR 55 min
Week 5	Rest -	Endurance + 3x17min sweet spot @ 88-93% FTP / 71-80% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Endurance + 2x21min threshold @ 91-105% FTP / 81-90% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Long endurance @ 56-75% FTP / 60-70% HR 3.6h	Recovery @ 0-55% FTP / 0-59% HR 55 min
Week 6	Rest -	Endurance + 3x17min sweet spot @ 88-93% FTP / 71-80% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Endurance + 2x21min threshold @ 91-105% FTP / 81-90% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Long endurance @ 56-75% FTP / 60-70% HR 3.8h	Recovery @ 0-55% FTP / 0-59% HR 55 min
Week 7	Rest -	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Rest -	Endurance + 2x10min tempo @ 76-90% FTP / 71-80% HR 70 min	Rest -	Long endurance @ 56-75% FTP / 60-70% HR 3h	Recovery @ 0-55% FTP / 0-59% HR 40 min
Week 8	Rest -	Endurance + 3x18min sweet spot @ 88-93% FTP / 71-80% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Endurance + 2x22min threshold @ 91-105% FTP / 81-90% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Long endurance @ 56-75% FTP / 60-70% HR 4.0h	Recovery @ 0-55% FTP / 0-59% HR 55 min
Week 9	Rest -	Endurance + 3x19min sweet spot @ 88-93% FTP / 71-80% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Endurance + 2x22min threshold @ 91-105% FTP / 81-90% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Long endurance @ 56-75% FTP / 60-70% HR 4.2h	Recovery @ 0-55% FTP / 0-59% HR 55 min

PEAK

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Week 10	Rest -	Endurance + 3x19min sweet spot @ 88-93% FTP / 71-80% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Endurance + 2x22min threshold @ 91-105% FTP / 81-90% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Long endurance @ 56-75% FTP / 60-70% HR 4.3h	Recovery @ 0-55% FTP / 0-59% HR 55 min
Week 11	Rest -	VO2max 5x4min @ 106-120% FTP / 91-100% HR 85 min	Easy endurance @ 56-75% FTP / 60-70% HR 60 min	Endurance + 2x25min threshold @ 91-105% FTP / 81-90% HR 90 min	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Long endurance + race pace @ 76-85% FTP / 71-80% HR @ 56-75% FTP / 60-70% HR 5h	Recovery @ 0-55% FTP / 0-59% HR 55 min

TAPER

Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Week 12	Rest -	Easy endurance @ 56-75% FTP / 60-70% HR 55 min	Rest -	Activation: 2x5min @ 91-105% FTP / 81-90% HR 45 min	Rest -	100-Mile Ride Day 5-7h	Rest -