

**BLACKMORES®**

# Blackmores half marathon

## 16 week training program

**ADVANCED**

Be a Well Being

# Blackmores half marathon 16 week training program

This tailored 16-week training program has been created by Runlab founder and one of Australia's leading marathoners, Vlad Shatrov to help get you fit and maximise your potential in preparation for a half marathon race.

Vlad has combined his experience training clients through his on ground interval running groups Myrungroup and in gym functional strength classes Runstrong, to develop these programs.

Vlad is one of Australia's best distance runners both on the road and the trails.

Follow him on Facebook at [facebook.com/VladShatrovRunner](https://facebook.com/VladShatrovRunner)

Good luck over the next 16 weeks and see you at the start line!

**We want to run with you! Tag us on:**

 [@blackmoresnewzealand](https://facebook.com/blackmoresnewzealand)



# Get the most out of your program

First off, check out these important tips to help you get the most out of your training.

## Fit to train?

You should always consider seeking professional medical advice prior to commencing any training program. Talk to your doctor to make sure it's right for you before you begin.

## LEVELS

Ensure you select the training program which is best suited to your ability.

## ADVANCED

- ✓ This advanced plan is suited for an experienced runner looking for a personal best close to 90 minutes or even quicker
- ✓ You regularly do speed work sessions and/or run four to five times per week already

What determines whether you are an advanced runner is your training background, your familiarity with this type of training and your attitude!



## Overall program structure

The program runs for 16 weeks with scheduled session types tailored to how far or close we are to race day.

The program has been specifically set up to focus on different aspects of running and strength training to give you the optimum training adaption as you prepare for your event. You will notice that there are four phases in the program, each phase is 4 weeks. This will also allow you to break down the training plan into more manageable 4 week blocks.

**PHASE 1:** Base fitness and strength. In this phase there is a focus on developing strength and running fitness.

**PHASE 2:** Strength and endurance. In this phase hill sessions are added and we also introduce “tempo” sessions.

**PHASE 3:** Endurance + speed. In this phase strength work reduces and speed sessions become a focus.

**PHASE 4:** Speed and race specifics. In this phase speed work is a priority as we focus on the race.

Every fourth week is a recovery week, this week allows your body to catch up with the previous 3 weeks of training before you launch into your next block.

## Overall program structure

The core of all the programs is the long run. This is placed on the weekend as this is generally when most people have the time to complete this run.

We place an importance on hill sessions throughout the 16 weeks to help build you into a more efficient runner and we also schedule in dedicated time for strengthening exercises and running drills. There is plenty of opportunity to get comfortable with your target race pace too!

Whilst the weekly volumes steadily build, peaking three weeks out from the event day, the types of sessions change too.

We start with an emphasis on strength work by running hill repetitions. Towards the middle and later stages of the program speed and tempo sessions are increased. Hill repeats are an important part of your training, because running hills will strengthen your quadriceps muscles. Also, there is less impact running up a hill than running fast on the flat.



### TRAINING ADVICE

Use these tips on a weekly basis to help you with your program. It's a long period of time and you may find obstacles along the way.



### USE THE PLAN AS A GUIDE

The plan is a "guide" only, as such the pace and heart rate data is based on an average guide for that level of plan, and you may need to adjust this data to suit you.



### ADJUSTING THE PROGRAM

Don't ever feel like you can't modify the program if it doesn't work for you - it's flexible. For example, long runs are scheduled for Sunday when most people have the time to complete them, however you can always choose to undertake it on a Saturday instead. When adjusting, always take into account your current fitness level and training history and look to add variety to your rest days such as cross training, swimming or gym sessions.



### BE YOUR OWN COACH

Your training program is like your own little coach. The best thing is that it specifies each week and beyond and details the type of sessions you should be doing. This means if you miss a session due to family or work commitments, you can adjust it slightly to suit you, so that you complete all of the recommended sessions.

# Frequently asked questions

I'm feeling run down.  
Should I rest or is that just  
being lazy?

This isn't about being lazy - you need to be in tune with your body. Have a day or two off when you need it, like after you've had a cold or if you're experiencing an annoying niggle. Trust us, it's far better to be cautious than to get an injury. However if symptoms do persist please seek medical advice. If you're just feeling stressed at work, training could be the best thing for you, so get out there and do it.

How does pacing work?

If you have not run a marathon before it's important that you work out your pace. Be conservative on your first attempt, but do pick a goal time that will challenge you. From here you can base your training on this target! As a guide, ensure you do your long runs at a comfortable pace that allows you to chat with your training partners, at least during the beginning of the run. If you can do this, you have set your pace correctly.

I need some race day  
motivation! Help me!

It may get tough, it may get hard, you may question yourself, but you will have thousands of fellow runners all around you going through the same emotions and experience - you're all in it together!

# Frequently asked questions

Should I do any lead up races?

Undertaking lead up races or race pace efforts is important for more experienced runners as it helps to monitor their progress. Many also find it helps motivate them during training and because of this; they perform at a higher level on race day. Take advantage of your local fun runs and just ensure the two days leading up to race day are very easy and the day after is set aside for recovery. If you can't make any lead up races, we've allocated regular time trials into the program so that you can monitor your progress and determine the pace you should run in your 'speed' sessions.

What should I do race morning?

Make sure you arrive at least 90 minutes before your race to give yourself adequate time to prepare. It's an early morning, so remember to wear something warm that you don't mind leaving behind. Don't worry, it'll go to charity. Also make sure you are properly hydrated and fuelled before the race.





## Sessions



### LONG RUN

The aim of the long run is to improve endurance. Do this at the correct intensity which is ideally 10-20% slower than marathon pace. You should be able to carry out a conversation running at this pace. If you prefer to use heart rate zones, try the [runnersweb.com](http://runnersweb.com) online calculator to give you an indication.



### GENERAL AEROBIC

General aerobic is a standard moderate effort run, slightly slower or equal in pace to a long run - but just not as long in distance. The aim is to enhance overall aerobic conditioning.



### TEMPO

The tempo run - lactate threshold pace is close to 15km or half marathon pace and provides stimulus to improve lactate threshold pace. These runs are challenging and you should only be able to talk in short sentences. The tempo part of the session should be completed on relatively flat ground so you can hold a consistent pace. Training at this pace for certain sessions is very beneficial in preparing you for your best half marathon. If you haven't done a half marathon before that is okay too - set this as your desired realistic half marathon target pace.



### SPEED

Speed sessions are short repetitions of between 600-1600m at 5km pace. This provides stimulus to increase speed and lactate threshold.

These sessions allow you to become a faster runner and involve a warm up and cool down based around a core running set. The key to effective speed training is to aim to have all the repetitions completed within 1-5 seconds of each other. Don't do the first repetition so hard that the following reps become slower; likewise don't take the first 1-2 reps easy then pick it up. Wear a watch to help time and monitor these sessions.



### STRENGTH

Strength work features in the program up to twice a week. Strength training is often neglected but it is so important for many reasons. Performed correctly it can help address any underlying imbalances and or weaknesses which if left unattended may result in injuries. Strength has been included into the program together with cross training. We would suggest up to 30 minutes of cardio-based exercise followed by the strength work. Heavy weight sessions are not suggested rather functional strength training.

The aim is to develop even and necessary strength for distance runners allowing an improved running efficiency and stronger overall body. Keep a look out for the strength exercise videos which will be sent in the weekly emails during the program or discuss a suitable exercise program with your local gym for guidance.

We have put together a series of [strength videos](#) to assist you with your training.



## Sessions



### RACE PACE

Race pace is the pace you intend to run on event day. For example, if you are training for a half marathon finish time of 2 hours, your race pace is 5:41 per kilometre.



### DRILLS

Drills are running-specific exercises and are usually performed near the start of certain sessions. Drills will help you warm up the body prior to exercise, but dependant on the type and execution they will actually allow you to become a more efficient and faster runner.



### REST

Rest is an important component of this or any training program. It is during the rest period (the 24 to 72 hours between hard bouts of exercise) that the muscles actually regenerate and get stronger if you're constantly fatigued, you will fail to reach your potential. We have designated rest days depending on your level. These are usually on Fridays to prepare for the weekends long run and/or Monday to recover after the weekend. If you need to take more rest days because of a sickness or a late night at the office etc, do so.



### TRAIL

Trail sessions are included into the program and serve more than one purpose. Trail running involves more hills and with that you'll get strength adaption when you include these sessions. Where a trail run is scheduled there is an alternate non trail running run also scheduled. Getting onto trails can often be intimidating or logistically difficult, so only do it if you are comfortable. Trail running also impacts the body less and can break up the routine of road running training. Ensure you have trail specific running shoes for any trail runs of length, on wet trails or technically challenging trails.

## PHASE 1 - Base fitness + strength

In this 4 week phase, we focus on general aerobic + long runs and gym strength sessions.



WEEK 1	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>General aerobic + drills</b>  	30 minutes easy pace running + drills.
WEDNESDAY	<b>General aerobic</b> 	60 minutes easy pace running.
THURSDAY	<b>General aerobic</b> 	30 minutes easy pace running.
FRIDAY	<b>Strength</b> 	60 minutes including 30 minutes of cross training/cardio work and up to 30 minutes of functional strength work.
SATURDAY	<b>Rest day</b> 	
SUNDAY	<b>Long run</b> 	75-90 minutes steady pace run. The length of your long run for the next 4 weeks is dependant on recent running history. If you have been running 60 minutes or more recently make them closer to 90 minutes - otherwise build up from 75-90 minutes over next 4 weeks.

WEEK 2	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>Tempo or trail</b>  	60 minute run. Run a hilly road circuit - surging up the hills, alternatively hit the trails for a steady paced hilly run off-road.
WEDNESDAY	<b>General aerobic</b> 	45 minutes easy pace running.
THURSDAY	<b>General aerobic</b> 	30 minutes easy pace running.
FRIDAY	<b>Strength</b> 	60 minutes including 30 minutes of cross training/cardio work and up to 30 minutes of functional strength work.
SATURDAY	<b>Time trial</b> 	5km effort. Start with an easy 10-15 minutes warm-up then run 5km hard timing yourself.
SUNDAY	<b>Long run</b> 	75-90 minutes steady pace run. The length of your long run for the next 4 weeks is dependant on recent running history. If you have been running 60 minutes or more recently make them closer to 90 minutes - otherwise build up from 75-90 minutes over next 4 weeks.



WEEK 3	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>Tempo + drills</b>  	Progressive tempo 3 times 10 minutes + 5minutes. First 10 minutes at half marathon target pace + 20 seconds per/km; second 10 minutes at half marathon + 10 seconds; third 10 minutes at target half marathon pace and last 5 minutes at half marathon pace - 10 seconds per/km. No stops in the 35 minutes. 2km warm-up + drills/ 1km warm-down.
WEDNESDAY	<b>General aerobic</b> 	45 minutes easy pace running.
THURSDAY	<b>General aerobic</b> 	40 minutes easy pace running.
FRIDAY	<b>Strength</b> 	60 minutes including 30 minutes of cross training/cardio work and up to 30 minutes of functional strength work.
SATURDAY	<b>General aerobic</b> 	40 minutes easy pace running. Start with 10 minutes of running drills first.
SUNDAY	<b>Long run</b> 	75-90 minutes steady pace run. The length of your long run for the next 4 weeks is dependant on recent running history. If you have been running 60 minutes or more recently make them closer to 90 minutes - otherwise build up from 75-90 minutes over next 4 weeks.

WEEK 4	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>Tempo or trail</b>  	40 minute run. Run a hilly road circuit - surging up the hills, alternatively hit the trails for a steady paced hilly run off-road.
WEDNESDAY	<b>General aerobic</b> 	45minutes easy pace running.
THURSDAY	<b>General aerobic</b> 	40 minutes easy pace running.
FRIDAY	<b>Rest day</b> 	
SATURDAY	<b>General aerobic</b> 	40 minutes easy pace running. Start with 10 minutes of running drills first.
SUNDAY	<b>Long run</b> 	75 minutes steady pace run.

## **PHASE 2 -** Strength + endurance

A focus on strength remains with the addition of hill sessions and tempo runs to improve endurance.



WEEK 5	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>Tempo or trail</b>  	40 minute run. Run a hilly road circuit - surging up the hills, alternatively hit the trails for a steady paced hilly run off-road.
WEDNESDAY	<b>General aerobic</b> 	45 minutes easy pace running.
THURSDAY	<b>Speed work</b> 	Short hill repetitions 20 x 30 seconds approximately. Hill of gradual incline. Run hard up for about 30 seconds and jog/walk back. Easy 2km warm-up and 2km cool-down jog.
FRIDAY	<b>Rest day</b> 	
SATURDAY	<b>General aerobic</b> 	40 minutes easy pace running. Start with 10 minutes of running drills first.
SUNDAY	<b>Long run</b> 	75 minutes steady pace run.



WEEK 6	SESSION	NOTES
MONDAY	<b>Strength + General aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>Tempo or trail</b>  	40 minute run. Run a hilly road circuit - surging up the hills, alternatively hit the trails for a steady paced hilly run off-road.
WEDNESDAY	<b>General aerobic</b> 	45 minutes easy pace running.
THURSDAY	<b>Tempo + drills</b>  	Progressive tempo 3 times 7 minutes + 5minutes. First 7 minutes at half marathon target pace + 20 seconds per/km; second 7 minutes at half marathon + 10 seconds; third 7 minutes at target half marathon pace and last 5 minutes at half marathon pace - 10 seconds per km. No stops in the 26 minutes. 2km warm-up + drills/ 1km warm-down.
FRIDAY	<b>Rest day</b> 	
SATURDAY	<b>General aerobic</b> 	40 minutes easy pace running. Start with 10 minutes of running drills first.
SUNDAY	<b>Long run</b> 	75 minutes steady pace run.

WEEK 7	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>General aerobic</b> 	30 minutes easy pace running.
WEDNESDAY	<b>General aerobic</b> 	60 minutes easy pace running.
THURSDAY	<b>Speed work</b> 	Long hill repetitions 12 x 90 seconds approximately. Hill of gradual to steep incline. Run hard up for about 90 seconds and jog/walk back. Easy 2km warm-up and 1km cool-down jog.
FRIDAY	<b>Strength</b> 	60 minutes including 30 minutes of cross training/cardio work and up to 30 minutes of functional strength work.
SATURDAY	<b>Tempo</b> 	4 x 10 minutes (target half marathon pace) - 2km easy warm-up then run 10 minutes tempo, 2 minutes walk break and repeat for 4 efforts. Easy cool-down jog.
SUNDAY	<b>Long run</b> 	120 minutes steady pace run.

WEEK 8	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>Tempo or trail</b>  	40 minute run. Run a hilly road circuit - surging up the hills, alternatively hit the trails for a steady paced hilly run off-road.
WEDNESDAY	<b>General aerobic</b> 	60 minutes easy pace running.
THURSDAY	<b>Speed work</b> 	6 X 1km (3km pace). Run hard for 1km, have 90 seconds jog break and repeat for 6 efforts in total. Easy 2km warm-up and 2km cool-down jog.
FRIDAY	<b>Strength</b> 	60 minutes including 30 minutes of cross training/cardio work and up to 30 minutes of functional strength work.
SATURDAY	<b>Tempo</b> 	5km tempo (target half marathon pace) - 2km easy warm-up then run 5km tempo. Easy cool-down jog.
SUNDAY	<b>Long run</b> 	120 minutes steady pace run.

## PHASE 3 - Endurance + Speed

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In this phase the focus on strength reduces, and there is an increased focus on developing speed.





WEEK 9	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>Tempo or trail</b>  	40 minute run. Run a hilly road circuit - surging up the hills, alternatively hit the trails for a steady paced hilly run off-road.
WEDNESDAY	<b>General aerobic</b> 	60 minutes easy pace running.
THURSDAY	<b>Speed work</b> 	Short hill repetitions 20 x 30 seconds approximately. Hill of gradual incline. Run hard up for about 30 seconds and jog/walk back. Easy 2km warm-up and 2km cool-down jog.
FRIDAY	<b>Strength</b> 	60 minutes including 30 minutes of cross training/cardio work and up to 30 minutes of functional strength work.
SATURDAY	<b>Time trial</b> 	5km effort. Start with an easy 10-15 minutes warm-up then run 5km hard timing yourself.
SUNDAY	<b>Long run</b> 	120 minutes steady pace run.

WEEK 10	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>General aerobic</b> 	30 minutes easy pace running.
WEDNESDAY	<b>General aerobic</b> 	30 minutes easy pace running.
THURSDAY	<b>Speed work</b> 	10 x 400m hard + tempo. 400m hard with 90 seconds walk recovery for 8 reps. 5 minute break then 10 minutes at target half marathon pace. 2km warm-up and 2km cool-down.
FRIDAY	<b>Rest day</b> 	
SATURDAY	<b>General aerobic</b> 	50 minutes easy pace running. Start with 10 minutes of running drills first.
SUNDAY	<b>Long run</b> 	75 minutes steady pace run.

WEEK 11	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>Tempo + drills</b>  	Progressive tempo 3 times 10 minutes + 5minutes. First 10 minutes at half marathon -20 seconds per/km; second 10 minutes at half marathon - 10 seconds; third 10 minutes at target half marathon pace and last 5 minutes at half marathon pace - 10 seconds per km. No stops in the 35 minutes. 2km warm-up + drills/ 1km warm-down.
WEDNESDAY	<b>General aerobic</b> 	60 minutes easy pace running.
THURSDAY	<b>Speed work</b> 	6 X 1km (3km pace). Run hard for 1km have 90 seconds break (try to slow jog) and repeat for 6 efforts in total. Easy 2km warm-up and 2km cool-down jog.
FRIDAY	<b>Strength</b> 	60 minutes including 30 minutes of cross training/cardio work and up to 30 minutes of functional strength work.
SATURDAY	<b>Tempo</b> 	1 x 4km and 1 x 5km (target half marathon pace) - 2km easy warm-up then run 4km, 5 minutes walk break and repeat for 2 efforts. Easy cool-down jog.
SUNDAY	<b>Long run</b> 	120 minutes steady pace run.

WEEK 12	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>Tempo or trail</b>  	40 minute run. Run a hilly road circuit - surging up the hills, alternatively hit the trails for a steady paced hilly run off-road.
WEDNESDAY	<b>General aerobic</b> 	60 minutes easy pace running
THURSDAY	<b>Speed work</b> 	6 x 1km at 3km race pace. Warmup 2km then 1km hard with 90 seconds walk recovery. Repeat for 6 efforts in total. 1km warm-down.
FRIDAY	<b>Rest day</b> 	
SATURDAY	<b>Tempo</b> 	5km tempo (target half marathon pace) - 2km easy warm-up then run 5km tempo. Easy cool-down jog.
SUNDAY	<b>Long run</b> 	120 minutes steady pace run.



## PHASE 4 - Speed + race specifics

In this phase we focus on key race sessions and race preparation, reducing our focus on strength.



WEEK 13	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>General aerobic</b> 	30 minutes easy pace running.
WEDNESDAY	<b>General aerobic</b> 	60 minutes easy pace running.
THURSDAY	<b>Speed work</b> 	10 X 800. 2km easy warm-up then run 800 at 3km race pace of slightly faster - 90 seconds recovery and repeat for 10 efforts. Easy cool-down jog.
FRIDAY	<b>Rest day</b> 	
SATURDAY	<b>General aerobic + drills</b>  	60 minutes easy pace running. Start with 10 minutes of running drills first.
SUNDAY	<b>Long run</b> 	120 minutes fast finish. Steady pace run for 90 minutes then last 30 at tempo pace.

WEEK 14	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>General aerobic</b> 	30 minutes easy pace running.
WEDNESDAY	<b>General aerobic</b> 	30 minutes easy pace running.
THURSDAY	<b>Speed work</b> 	10 X 400m hard/200 float continuous. 400m hard then straight into 200m at half marathon pace repeating for 8 efforts in total 2km warm-up and 2km cool-down.
FRIDAY	<b>Rest day</b> 	
SATURDAY	<b>Tempo</b> 	5km tempo (target half marathon pace) - 2km easy warm-up then run 5km tempo. Easy cool-down jog.
SUNDAY	<b>Long run</b> 	120 minutes fast finish. Steady pace run for 90 minutes then last 20 at tempo pace.

WEEK 15	SESSION	NOTES
MONDAY	<b>Strength + general aerobic</b>  	60 minutes. 30 minutes general aerobic run + 30 minutes strength work.
TUESDAY	<b>General aerobic</b> 	30 minutes easy pace running.
WEDNESDAY	<b>General aerobic</b> 	50 minutes easy pace running.
THURSDAY	<b>Time trial</b> 	3km time trial. Warmup 2km easy then run 4 x 400m progressively increasing speed to target 3km pace. 2-3 minutes rest then 3km hard. 2km warm-down.
FRIDAY	<b>Rest day</b> 	
SATURDAY	<b>General aerobic</b> 	40 minutes easy pace running.
SUNDAY	<b>Long run</b> 	60 minutes steady pace run.

WEEK 16	SESSION		NOTES
MONDAY	Strength		20 minutes of functional strength work.
TUESDAY	Speed work		8 x 400m hard/200 float continuous. 400m hard then straight into 200m at half marathon pace repeating for 8 efforts in total 2km warm-up and 1km cool-down.
WEDNESDAY	General aerobic		30 minutes easy pace running.
THURSDAY	Rest day		
FRIDAY	General aerobic		20 minutes easy pace running + 4 x 100m efforts.
SATURDAY	Rest day		
SUNDAY	RACE DAY		GOOD LUCK!