




1

1. Introduction



3 mins 
2 mins 
30 mins 

Get Ruby up and running on your Mac, Windows, or Linux box.

**35 mins
total time**

2

2. Running Ruby



8 mins 
30 mins 

Here's where the fun begins. Run Ruby in two ways: interactively and in program files.

**40 mins
total time**

3

3. Numbers & Strings



11 mins 
30 mins 

Dive into writing your first Ruby program.

**40 mins
total time**

4


4. Variables & Objects

19 mins 
40 mins 

**60 mins
total time**

5

5. Self

4 mins 



6. Methods

13 mins 
30 mins 

**50 mins
total time**

6

7. Classes

18 mins 
40 mins 

Now you're really getting to the heart of object-oriented programming.

**60 mins
total time**



Video Duration





Exercise Duration

All times are approximate, so don't stress if it takes you more time.

7



8. Attributes

10 mins 
30 mins 

40 mins
total time

8

9. Arrays



9 mins 
35 mins 

You've learned a lot so far! Help your brain retain all its new knowledge by reviewing the Summary of Core Concepts (pages 1-5).*

55 mins
total time

9



10. Objects Interacting

9 mins 
35 mins 

45 mins
total time

10

11. Separate Source Files



6 mins 
25 mins 

Using TextMate? Check out the TextMate Setup and Keyboard Shortcuts.*

40 mins
total time

11




12. Unit Testing

15 mins 
50 mins 

65 mins
total time

12

13. Conditionals & TDD

13 mins 
12 mins 
60 mins 



If the TDD process feels challenging the first time through, don't sweat it. TDD is optional through the rest of the course. And you can practice TDD by revisiting this section later. For now, just make sure you understand conditionals before moving on.

1 hr 25 mins
total time

* Go to <http://online.pragmaticstudio.com/courses/ruby/extras>

13



14. Modules

7 mins 
30 mins 

**40 mins
total time**

14

15. Blocks

21 mins 
30 mins 
(Exercise Sections 1 & 2)

Blocks are a powerful aspect of Ruby, and used throughout Rails, so take two days to work through the exercises and let it all sink in.

**50 mins
total time**

15

15. Blocks (continued)

30 mins 
(Finish Exercise)

Refresh and solidify all the new stuff you've learned so far by reviewing the Summary of Core Concepts (pages 6-11, 20-21).*

**45 mins
total time**

16

16. Symbols & Structs

15 mins 
50 mins 

**65 mins
total time**

17

17. Hashes


16 mins 
30 mins 
(Exercise Sections 1 & 2)

You'll find hashes used pervasively in Ruby and Rails applications. We put them to work in several contexts in this section. So take your time and spread the exercises over two days.

**45 mins
total time**

18



17. Hashes (continued)

30 mins 
(Finish Exercise)

**30 mins
total time**

* Go to <http://online.pragmaticstudio.com/courses/ruby/extras>

19

18. Custom Iterators13 mins 
45 mins 



Things ramp up here and you have a couple options depending on your goals:

**60 mins
total time**

Option 1: If you're itching to move on to Rails, you don't necessarily need to understand the remaining Ruby topics in depth to start working with Rails. We recommend at least watching the videos so you understand the high-level concepts, then you can revisit these sections later as necessary.

Option 2: If you're keen to design more powerful Ruby programs, then carry on and we'll unpack more Ruby goodness in these final sections.



20

19. Input & Output21 mins 
55 mins **1 hr 20 mins
total time**

21

20. Inheritance13 mins 
55 mins **1 hr 10 mins
total time**



22

21. Mixins10 mins 
40 mins **50 mins
total time**

23

22. Distribution20 mins 
60 mins 

Deploy your first Ruby gem!
Then review everything you now know
how to do in the Summary of Core
Concepts (all pages).*

**1 hr 20 mins
total time****23. Wrap Up**1 mins 
3 mins 

Next

In the next 30 days, use your new Ruby skills to develop web apps in the **Rails Programming Course**.

<http://pragmaticstudio.com/rails>

We hope to see you there!