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

19

18. Custom Iterators
13 mins 🎞
45 mins 📑

60 mins total time

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

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 & Output
21 mins 🎞
55 mins 📑

1 hr 20 mins total time

21

20. Inheritance
13 mins 🎞
55 mins 📑

1 hr 10 mins total time

22

21. Mixins
10 mins 🎞
40 mins 📑

50 mins total time

23

22. Distribution
20 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

Use your new Ruby skills to develop web apps in our **Rails Programming** course:
http://pragmaticstudio.com/rails

Up your Ruby game in our **Mastering Ruby Blocks & Iterators** course:
http://pragmaticstudio.com/ruby-blocks

We hope to see you again soon!