

[Назад к неделе 1](#)[Уроки](#)

This Course: Functional Programming Principles in Scala

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## Quick References

- [Scala Standard Library API](#)
- [Scala School!:](#) A Scala tutorial by Twitter
- [A Tour of Scala:](#) Tutorial introducing the main concepts of Scala
- [Scala Overview on StackOverflow:](#) A list of useful questions sorted by topic

## Week 1

- [Martin's talk at OSCON 2011: Working Hard to Keep it Simple \(slides\)](#)
- Books:
  - ***Structure and Interpretation of Computer Programs.*** Harold Abelson and Gerald J. Sussman. 2nd edition. MIT Press 1996. - [\[Full text available online\]](#).
  - ***Programming in Scala.*** Martin Odersky, Lex Spoon and Bill Venners. 3rd edition. Artima 2016. [http://www.artima.com/shop/programming\\_in\\_scala\\_3ed](http://www.artima.com/shop/programming_in_scala_3ed)
  - ***Programming in Scala.*** Martin Odersky, Lex Spoon and Bill Venners. 2nd edition. Artima 2010. - [\[Full text of 1st edition available online\]](#). Artima has graciously provided a 25% discount on the 2nd edition of *Programming in Scala* to all participants of this course. To receive the discount, simply visit [http://www.artima.com/shop/programming\\_in\\_scala\\_2ed](http://www.artima.com/shop/programming_in_scala_2ed) and during checkout, please use the coupon code: COURSERA-ODERSKY to have the discount applied.
  - ***Scala for the Impatient.*** Cay Horstmann. Addison-Wesley 2012. - [\[First part available for download\]](#).
  - ***Scala in Depth.*** Joshua D. Suereth. Manning 2012. - [\[Available for purchase\]](#).
  - ***Programming Scala.*** Dean Wampler and Alex Payne. O'Reilly 2009. [\[Available for purchase\]](#).

## Week 2

- [Glossary of Scala and FP terms](#), for any issues with terminology.

## Week 3+

- [Scala By Example](#), for more examples which illustrate concepts covered in the lectures.
- [Scala Cheatsheet](#), for a quick reference covering pattern matching syntax, for-comprehension syntax, and more.

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