

Schedule

A week-by-week breakdown of the material.

Week 1 (01/11-01/15)

Day 1 OCAML setup¹

Day 2 OCAML basics² Evaluation model, basic types, bindings

Day 3 Functions³

Day 4 Tuples, practice⁴

Assignment 1⁵ due by class time, Friday, January 22nd.

Week 2 (01/18-01/22)

Day 1 Lists and Option Types⁶

Day 2 Pattern-matching⁷

Day 3 Recursion⁸

Day 4 State recursion⁹

Assignment 2¹⁰ due by class time, Wed, January 27th.

Week 3 (01/25-01/29)

Day 1 Tail Calls¹¹

Day 2 Type aliases and Type variants¹²

Day 3 Polymorphic Types¹³

Day 4 Type inference

¹[notes/setup.html](#)

²[notes/ocaml_basics.html](#)

³[notes/ocaml_functions.html](#)

⁴[notes/ocaml_functions.html](#)

⁵[assignments/hw1.html](#)

⁶[notes/lists_options.html](#)

⁷[notes/pattern_matching.html](#)

⁸[notes/recursion.html](#)

⁹[notes/recursion_state.html](#)

¹⁰[assignments/hw2.html](#)

¹¹[notes/tail_calls.html](#)

¹²[notes/type_variants.html](#)

¹³[notes/types_polymorphic.html](#)

Week 4 (02/01-02/05)

Day 1 Anonymous Functions, Functions as values¹⁴

Day 2 Thunks

Day 3 Currying

Day 4 Higher order functions

Week 5 (02/08-02/12)

Day 1 TBA

Day 2 TBA

Day 3 TBA

Day 4 TBA

Week 6 (02/15-02/19)

Day 1 TBA

Day 2 TBA

Day 3 TBA

Day 4

Week 7 (02/22-02/26)

Day 1 TBA

Day 2 TBA

Day 3 TBA

Day 4 MIDTERM

Week 8 (02/29-03/04)

BREAK

Week 9 (03/07-03/11)

Day 1 TBA

Day 2 TBA

Day 3 TBA

Day 4 TBA

¹⁴notes/functions_anonymous.html

Week 10 (03/14-03/18)

Day 1 TBA

Day 2 TBA

Day 3 TBA

Day 4 TBA

Week 11 (03/21-03/25)

Day 1 TBA

Day 2 TBA

Day 3 TBA

Day 4 TBA

Week 12 (03/28-04/01)

Day 1 TBA

Day 2 TBA

Day 3 TBA

Day 4 TBA

Week 13 (04/04-04/08)

Day 1 TBA

Day 2 TBA

Day 3 TBA

Day 4 TBA

Week 14 (04/11-04/15)

Day 1 TBA

Day 2 TBA

Day 3 TBA

Day 4 TBA