Syntax of Standard ML
Tobias Nipkow and Larry Paulson

PROGRAMS AND MODULES

Program

TopLevelDeclaration

TopLevelDeclaration

Expression

ObjectDeclaration

SignatureDeclaration

FunctorDeclaration

ObjectDeclaration

Declaration

structure Ident : Signature = Structure

local ObjectDeclaration in ObjectDeclaration end

;
EXPRESSIONS

Expression

InfixExpression

AtomicExpression

InfixExpression InfixOperator InfixExpression
AtomicExpression

MATCHES AND PATTERNS

Match

Pattern => Expression

Pattern
AtomicPattern

FieldPattern
TYPES

Type

Lexical Matters: Identifiers, Constants, Comments

CompoundIdent

CompoundName

Name

InfixOperator

(any Ident that has been declared to be infix)