



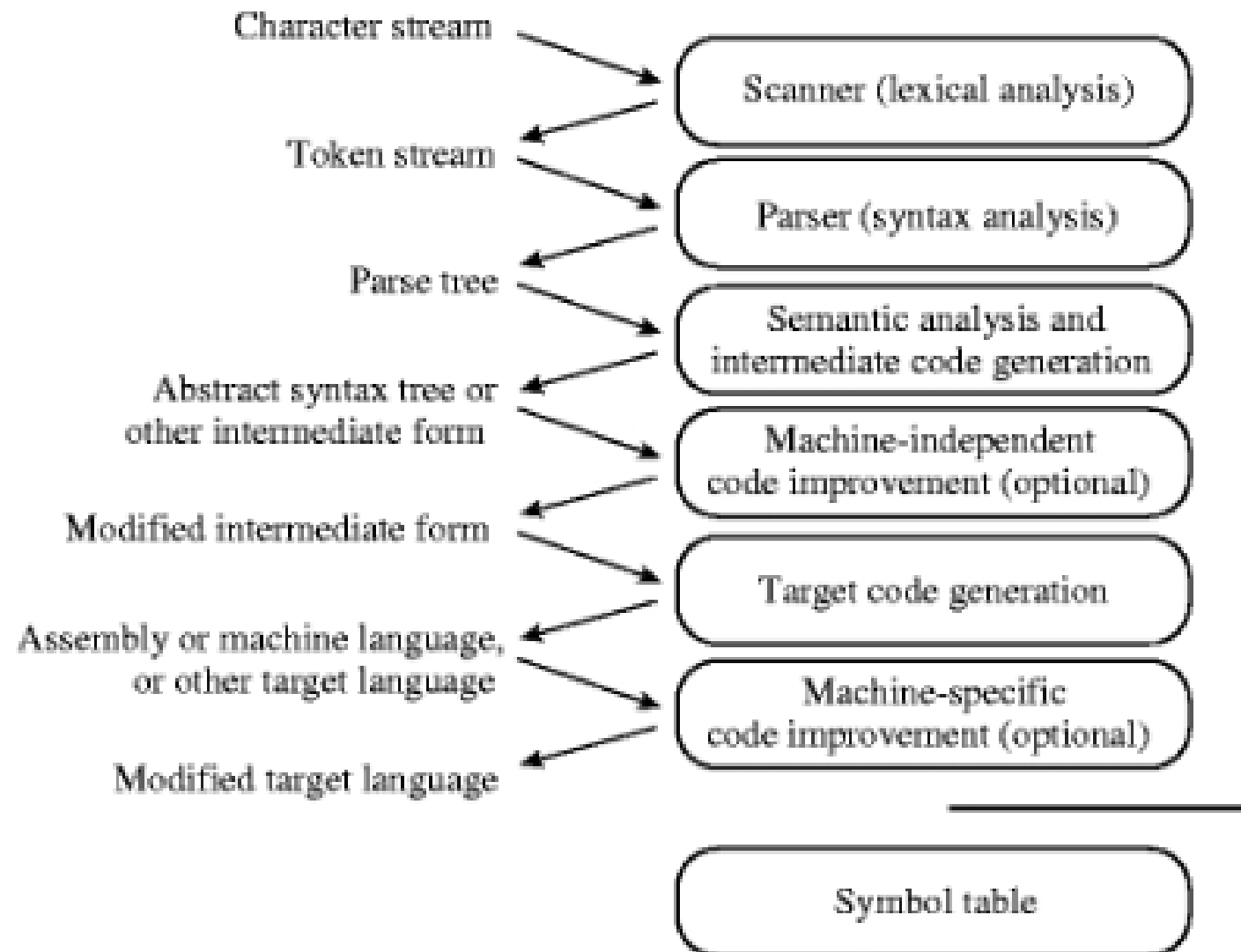
CSE 3302

Programming Languages

Syntax

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Phases of Compilation



[Programming Language Pragmatics, by Michael Scott]

Syntax and Semantics



- Defining a programming language:
 - Specifications of syntax
Syntax – structure (form) of programs (the form a program in the language must take).
 - Specifications of semantics
Semantics - the meaning of programs
- Precise definition, without ambiguity
 - Given a program, there is only one unique interpretation.