

**CSC 247/447**  
**Tentative Weekly Lecture Schedule**  
**Fall 2006**

Assignment schedule is *very* tentative (esp. for Lisp component).

Dates	Events	Assign.	Read	Topics
Sep. 5 Sep. 7			NLU:1 NLU:2	Meaning, significance, and methods of NLP NLU system structure; outline of English
Sep. 12 Sep. 14		As. 1	NLU:3	Basic English phrase structure Top-down & bottom-up parsing;
Sep. 19 Sep. 21		↓ ↓	NLU:4	Chart parsing Grammars with features;
Sep. 26 Sep. 28		due As. 2	NLU:5	Parsing with features Grammars for movement (gaps)
Oct. 3 Oct. 5		↓ ↓	NLU:6	Parsing with moved constituents Human preferences in parsing
Oct. 10 Oct. 12		due As. 3	NLU:7	Toward efficient parsing Probability, POS tagging,
Oct. 17 Oct. 19		↓ ↓	NLU:8	lexical prob.'s, parsing with prob.'s Logical form, denotational semantics
Oct. 24 Oct. 26	Midterm	due		Quantifier scope; indexicality; $\theta$ -roles
Oct. 31 Nov. 2			NLU:9	Rule-by-rule sem. interpretation; NPs, VPs, PPs Interpreting gaps: questions, rel. clauses, etc.
Nov. 7 Nov. 9		As. 4	NLU:12	Issues in sem. interpretation: scoping, reference Sem. of modification, comparison, intensional constructs
Nov. 14 Nov. 16		↓ ↓	NLU:13	KR; allowing for events/actions; forward & backward inference Hybrid systems, nonmon. & probabilistic inference
Nov. 21 Nov. 23	THANKS	due	NLU:14	Discourse context; discourse entities; pronouns
Nov. 28 Nov. 30		As. 5 ↓	NLU:15	Definite descriptions, indefinites, sets, ellipsis Local coherence & world knowledge; matching expectations; abduction
Dec. 5 Dec. 7		↓ due	NLU:16	Cause-effect, whole-part, scripts, plans Discourse segments, cue phrases, reference revisited
Dec. 12	Proj. due			Temporal deindexing, attentional & discourse state

**Final exam period:** Dec 15-21

Approximate weights:	CSC 447	CSC 247
5 assignments	40±3%	50±3%
Midterm exam	15±3%	20±3%
Final exam	25±3%	30±3%
Proj/Essay	20 ±3%	

Assignments will have both theoretical problems and significant Lisp programming questions/projects.  
 These 2 aspects may sometimes have different due dates.

**TA:** Benjamin Van Durme, vandurme at cs, <http://www.cs.rochester.edu/~vandurme/>

**Course homepages:** <http://www.cs.rochester.edu/schubert/247-447/home.html>  
<http://www.cs.rochester.edu/u/vandurme/ta/447.html>

**Newsgroup:** ur.cs447