

Unit I: The UCCA Formalism

- 8/30: Course Intro
- 9/4, 9/6: UCCA Overview, English practice on whiteboard; read guidelines
- 9/11, 9/13: English annotation in UCCAApp; discussion of examples
- 9/18 (**Omri's visit**): Discussion of difficult phenomena from English annotation
- 9/20 (**Omri's visit**): Dixon: Primary vs. Secondary predicates; Omri: some observed translation divergences beyond what UCCA captures
- 9/25: High-level discussion of UCCA; discuss IAA process
- 9/27: Translation divergences [Tris]; UCCA annotations for WikiHow document due; assign IAA passages

Unit II: UCCA Parsing & Applications

- 10/2: TUPA parser [Jakob]
- 10/3: IAA annotations due
- 10/4: Evaluation; discussion of IAA; assign squib (2–4 pages) making a linguistic argument about UCCA and/or analyzing UCCA data
- 10/9, 10/11: UCCA applications
 - Simplification [Logan]
 - Evaluation of Grammatical Error Correction [Shaobo]
 - Evaluation of Machine Translation [Yue]

Unit III: Other Sentence Semantic Representations & Algorithms

- 10/16: The landscape of meaning representations
- 10/18: WordNet, LxSA (MWEs/supersenses). Squibs due.
- 10/23, 10/25: Frame semantics & FrameNet [Mitch, Sasha]
- 10/30: Final project planning: 5 min. proposal presentations
- 11/1, 11/6, 11/8: AMR intro, annotation, evaluation
- 11/13, 11/15: AMR parsing: transition-based, graph-based, grammar-based [Yan, Austin?, Lucia?]
- 11/20: No class (*Nathan at NSF*)
- (Thanksgiving)
- 11/27: Chinese AMR [Janet]
- 11/29: AMR applications (e.g. summarization)
- 12/4: Logic (some form used in NLP) [Yilun]
- 12/6: Wrap-up / Project presentations (maybe there will only be ~4 teams)
- 12/20 (final exam day): Projects due electronically