

BYU Department of Linguistics

Faculty and Course Information

<http://linguistics.byu.edu>

Chair: Norman Evans

4064C JFSB, 422-8472

Associate Chair: Don Chapman,

4064B JFSB, 422-8738

Associate Chair: Dan Dewey,

4067 JFSB, 422-6005

Linguistics MA Graduate Coordinator:

William Eggington,

4048 JFSB, 422-3483

TESOL MA Graduate Coordinator: Troy Cox

3086C JFSB, 422-5744

Graduate Program Manager/Department Secretary:

Mary Beth Wald,

4064 JFSB, 422-9010

Faculty

Professors

Davies, Mark (2003) PhD, University of Texas, Austin, 1992. Corpus Design and Use; Linguistic Databases, Historical Syntax and Syntactical Variation; Spanish and Portuguese.

<http://humanities.byu.edu/person/mark-e-davies/>

Dewey, Dan (2008) PhD, Carnegie Mellon University, 2002. Second Language Acquisition; Research Methods; Assessment; Japanese.

<http://humanities.byu.edu/person/dan-p-dewey/>

Eddington, David (2003) PhD, University of Texas, Austin, 1993. Experimental Linguistics; Phonology; Morphology; Spanish.

<http://humanities.byu.edu/person/david-eddington/>

Eggington, William G. (1988) PhD, University of Southern California, 1985. Varieties of Forensic Linguistics; English; Contrastive Rhetoric; Language Policy.

<http://humanities.byu.edu/person/william-g-eggington/>

Evans, Norman W. (2006) EdD, University of Southern California, 2001. TESOL; Second Language Writing, Written Corrective Feedback; Language Curriculum Development, Self-regulated Learning.

<http://humanities.byu.edu/person/norman-evans/>

Henrichsen, Lynn E. (1992) EdD, University of

Hawaii, 1987. TESOL; Methodology; Materials Development; Teacher Education; ESL K-12; EFL.
<http://humanities.byu.edu/person/lynn-henrichsen/>

Manning, Alan (1994) PhD, Louisiana State University, 1988. Linguistics Theory; Information Design; Syntax.

<http://humanities.byu.edu/person/alan-d-manning/>

Nuckolls, Janis (2007) PhD, University of Chicago, 1990. Quichua Grammar; Ideophony; Morphology; Anthropological Linguistics; Cultural Semantics; Discourse Pragmatics.

<http://humanities.byu.edu/person/janis-nuckolls/>

Skousen, Royal (1979) PhD, University of Illinois, 1972. Analogical Modeling; Textual Criticism.

<http://humanities.byu.edu/person/royal-j-skousen-2/>

Associate Professors

Baker-Smemoe, Wendy (2003) PhD, University of Illinois, Urbana-Champaign, 2002. Second Language Acquisition; Psycholinguistics; Phonetics; Speech Perception and Production.

<http://humanities.byu.edu/person/wendy-baker-smemoe-2/>

Brown, Earl K. (2008) PhD, University of New Mexico, 2008. Phonetics; Phonology; Language Variation, Spanish.

<http://humanities.byu.edu/person/earl-brown/>

Chapman, Don W. (1995) PhD, University of Toronto, Canada, 1995. Old English Language and Literature; History of the English Language; Medieval Literature.

<http://humanities.byu.edu/person/don-w-chapman/>

Elzinga, Dirk (2001) PhD, University of Arizona, 1999. Phonological Theory and Analysis, Uto-Aztecan Languages.

<http://humanities.byu.edu/person/dirk-a-elzinga/>

Hallen, Cynthia L. (1991) PhD, University of Arizona, 1991. Rhetoric; Lexicography; Philology; Stylistics; Poetics.

<http://humanities.byu.edu/person/cynthia-leah-hallen/>

Lonsdale, Deryle (1997) PhD, Carnegie Mellon University, 1997. Formal Syntax and Semantics;

Computational Linguistics; Salish Languages.
<http://humanities.byu.edu/person/deryle-lonsdale/>

Oaks, Dallin D. (1990) PhD, Purdue University, 1990. English Linguistics; Structure of English; Ambiguity; Old English Language.
<http://humanities.byu.edu/person/dallin-dixon-oaks/>

Assistant Professors

Baker, Matthew (2017) PhD, Iowa State University, 2017. Editing; Social Technologies; Content Analysis; Technical and Professional Communication.
<http://humanities.byu.edu/person/matthew-j-baker/>

Cox, Troy L. (2013) PhD, Brigham Young University, 2013. Linguistics; TESOL; ESL; Center for Language Studies; Language Assessment; Technology in Teaching; Measurement.
<http://humanities.byu.edu/person/troy-l-cox/>

Eckstein, Grant (2015) PhD, University of California, Davis, 2014. Second Language Writing; Writing Program Administration; Rhetoric and Composition; Writing Center Research
<http://humanities.byu.edu/person/grant-eckstein/>

Parker, Jeffrey R. (2016) PhD, Ohio State University, 2016. Morphology, Slavic Linguistics, Lexical Processing.
<http://humanities.byu.edu/person/jeff-parker/>

Rawlins, Jacob T. (2015) PhD, Iowa State University, 2013. Editing; Publishing; History and Future of the Book; Rhetoric; Professional, Technical, and Visual Communication.
<http://jacobrawlins.com>
<http://humanities.byu.edu/person/jacob-d-rawlins/>

Rogers, Christopher L. (2016) PhD, University of Utah, 2010. Language Documentation, Typology, Historical Linguistics
<http://humanities.byu.edu/person/chris-rogers/>

Tanner, Mark (1993) PhD, University of Pennsylvania, 1991. Language Acquisition; TESOL; Teacher Education; Sociolinguistics.
<http://humanities.byu.edu/mark-tanner/>

Assistant Teaching Professor

Bills, Suzy (2017) MBA, University of Phoenix, 2011. Editing and Publishing.
<http://humanities.byu.edu/person/suzy-bills/>

Professors affiliated with linguistics studies who teach in their disciplines and those who serve on committees

Bell, Teresa – German
Belnap, R. Kirk – Arabic
Bourgerie, Dana – Chinese
Bown, Jennifer – Russian
Brown, Tony – Russian
Christensen, Matthew – Chinese
Clifford, Ray – Center for Language Studies
Damron, Julie – Korean
Decoo, Wilfried – French
Erickson, Rob – French
Lundberg, Grant – Russian
Martinson, Robert – Spanish
Montgomery, Cherice – Spanish
Smith, Laura-Catherine – German
Thompson, Greg – Spanish
Turley, Jeffrey S. – Spanish
Warnick, J. Paul – Japanese
Watabe, Masakazu – Japanese

The Linguistics department is responsible for the following academic programs:

English Language major,
Linguistics major and minor,
Teaching English to Speakers of Other Languages (TESOL) minor,
Editing major and minor.

Graduate Degrees and Programs:
Linguistics MA
TESOL MA

Course Offerings

English Language (ELang)

150. First-Year Writing for International Students. (3)

Processes of academic writing, reading, and research for international students who have English as their second language.

Note: Fulfills GE First-Year Writing requirement.

223. Introduction to the English Language. (3)

Overview of English from linguistic point of view, emphasizing structure of English and social, biological, and psychological aspects of language.

273. Empirical Methods in English Linguistics.

(3) Prerequisite(s): ELang 223 or Ling 201, or concurrent enrollment.

The use of collections of texts for teaching and particularly for research, including the study of many different types of linguistic variation.

322. Modern American Usage. (3) Independent Study also. Prerequisite(s): ELang 223 or Ling 201.
Current conventions and effective use of American English.

324. History of the English Language. (3)
Prerequisite(s): ELang 223 or Ling 201.
Basic changes from Old English to modern English, including modern American dialects.

325. The Grammar of English. (3) Prerequisite(s): ELang 223 or Ling 201.
Study of English grammar in various applications.

326. English Semantics and Pragmatics. (3)
Prerequisite(s): ELang 223 or Ling 201.
Structure of meaning in words, phrases, and discourse. Lexical semantics and the mental lexicon; phrase-level meaning; interaction of situation and meaning.

327. English Phonetics and Phonology. (3)
Prerequisite(s): ELang 223 or Ling 201.
Pronunciation, perception, and interaction of English speech sounds. Dialect variation.

350. Basic Editing Skills. (3) Prerequisite(s): ELang 322, 325.
Editing theory and practice, emphasizing copy editing and basic line editing.

351R. Editing Student Journals. (1–2)
Hands-on training and experience in all aspects of editing and publishing student journals.

362. Pragmatics/Discourse Analysis. (3)
Prerequisite(s): ELang 223 or Ling 201.
Linguistic analysis of connected speech or written discourse, especially larger linguistic units above the clause level, such as conversational exchanges or written texts.

375. TESOL Listening, Speaking, and Pronunciation. (3) Prerequisite(s): ELang 223 or Ling 201.
Basic English as a second or foreign language theories and practices for teaching and assessing listening, speaking, and pronunciation.

376. TESOL Reading, Writing, and Vocabulary. (3) Prerequisite(s): ELang 223 or Ling 201.

Basic processes of literary development in English as a second or foreign language. How knowledge of these processes informs classroom literacy instruction and practices.

399R. Academic Internship: Editing and English Language. (1–9)
On-the-job experience and education related to editing and English language studies.

410R. Genre and Substantive Editing. (3)
Prerequisite(s): ELang 322, 325.
Exploring a different genre of publishing each semester; instruction in substantive editing.

421R. Studies in Language or Editing. (3)
Prerequisite(s): ELang 223 or Ling 201.
Topics vary.

430R. Editing for Publication. (3) Prerequisite(s): ELang 350, 410R; DigHT 230.
Refining copy editing and substantive editing skills through hands-on work with actual publications; one-on-one feedback and mentoring.

447. Early Modern English. (3) Prerequisite(s): ELang 223 or Ling 201; ELang 324.
English language from 1500-1700.

448. Late Modern English. (3) Prerequisite(s): ELang 223 or Ling 201; ELang 324.
The English language from 1700-1900. Emphasis on diachronic changes.

468. Varieties of English. (3) Prerequisite(s): ELang 223 or Ling 201.
Introduction to regional and social variation in English, especially standard and nonstandard national and world Englishes such as English-based pidgins and creoles.

477. TESOL Course and Lesson Planning. (3)
Prerequisite(s): ELang 223, 325, 375, and 376.
Design English as a second or foreign language course and plan lessons based on principles and knowledge of learning outcomes, assessment plans, methods, materials, classroom management, and learning activities; assess and use professional resources.

478. TESOL Practicum. (3) Prerequisite(s): ELang 223, 325, 375, 376, and 477.
Synthesize and apply the foundational

knowledge of the English language systems and competencies in teaching English as a second or foreign language.

495. The Senior Course. (3) Prerequisite(s): senior status; English language major status.

In-depth study of a limited area of English language. Content varies; requires research and writing.

496R. TESOL Internship. (3) Prerequisite(s): all other required courses in the minor.

Individualized work or volunteer experience in a domestic or international setting. All internships require prior departmental approval. Please contact Nancy Turley to get the internship approved.

521R. Studies in Language. (3) Prerequisite(s): ELang 223 or equivalent.

Topics vary.

522. Language Policy and Planning in English Language Contexts. (3) Prerequisite(s): ELang 223 or Ling 201; or equivalent.

Theories and practices of governing entities as they formulate policies relating to the status and codification of the English language.

524. History of the Book. (3)

History and development of the book, including modern methods and practices.

525. Old English 1. (3) Prerequisite(s): ELang 223, 324; or equivalents.

Old English grammar and vocabulary; traditional syntactical patterns in various types of Old English prose and poetry.

526. Middle English. (3) Prerequisite(s): ELang 223, 324; or equivalents.

Detailed study of the principal dialects of Middle English, as illustrated in the literature of the period.

527. Early Modern English. (3) Prerequisite(s): ELang 223, 324; or equivalents.

English language from about 1500 to 1800, with special emphasis on the language of Shakespeare and the King James Bible.

528. Varieties of English. (3) Prerequisite(s): ELang 223, 324; or equivalents.

Advanced study of regional and social variation in English, especially standard and nonstandard national and world Englishes, including English-based pidgins and creoles.

529. Structure of Modern English. (3)

Prerequisite(s): ELang 325 or instructor's consent.

English syntax through modern grammars; theories underlying those grammars.

535. Language and Literature. (3) Prerequisite(s): ELang 223 or Ling 201 or equivalent.

Literature from a language perspective; applying linguistic constructs to literary language; examining literary style; linguistic analysis of unfamiliar texts.

548. Old English 2. (3) Prerequisite(s): ELang 525.

Additional reading in Old English, emphasizing sound changes, dialects, and textual production.

623. Discourse and Pragmatics. (3) Prerequisite(s): ELang 223, 273; or equivalents.

Mental and social processes involved in communicating through language; how we construct and interpret meaning through various contexts.

English as a Second Language (ESL)

301. Advanced Academic English for International Students. (3) For bilingual foreign students.

Integrated skills course for nonnative English speakers, primarily focused on academic listening, speaking, and the basic skills needed for success at an American university.

302. Advanced English Pronunciation for International Students. (3) For bilingual foreign students.

Improving the speaking ability of nonnative English students, emphasizing rhetorical and communication strategies, pronunciation, stress, rhythm, intonation, and fluency.

303. College Reading and Study Skills for International Students. (3) For bilingual foreign students.

Learning strategies to improve reading speed and to understand materials used in university classes.

Note: Should be taken during the first year (for nonnative English speakers).

304. Academic Writing for International Students. (3) For bilingual foreign students.

Learning how to write essays, reports, and research papers acceptable in an American university.

Note: Should be taken before ELang 105 or Engl 150.

305. Applied Grammar for International Students. (3) Prerequisite(s): Concurrent enrollment in ESL 304 or ELang 105.

Increasing correct grammar use in academic writing.

Note: For international students.

Linguistics (Ling)

110. Introduction to Human Language. (3)

Introduces students to the basic principles of language. The course considers language as part of our human, biological heritage, as well as critical for our social and intellectual development.

201. Introduction to Linguistics. (3)

This course is a broad introduction to the field, touching on core areas of linguistics and showing connections of the field to psychology, sociology, anthropology, computers, and so forth.

210. Sounds of Language. (3) Prerequisite(s): Ling 201.

Introduction to phonetics and phonology in the world's languages with attention to the analysis of English.

220. Structure in Language. (3) Prerequisite(s): Ling 201.

Introduction to the analysis of word and sentence structure in the world's languages.

230. Meaning in Language. (3) Prerequisite(s): Ling 201.

Introduction to the analysis of meaning in words, grammar, and discourse.

240. Linguistic Tools I. (3) Prerequisite(s): Ling 201.

Introduction to the quantitative and qualitative research methods in Linguistics.

310. Phonetics. (3) Prerequisite(s): Ling 210.

General inventory of speech sounds possible in language, from both an acoustic and articulatory point of view.

315. Phonology. (3) Prerequisite(s): Ling 210.

Study of natural language sound systems from a variety of theoretical perspectives.

320. Morphology. (3) Prerequisite(s): Ling 220.

Theory and analysis of word structure in human language.

325. Theoretical Syntax. (3) Prerequisite(s): Ling 220.

Theoretical comparison and contrast of different sentence types. Methods of argument to develop and critique generative theories of lexical categories, grammatical roles, and syntactic structure.

332. Semantics. (3) Prerequisite(s): Ling 201; Ling 230 or ELang 326.

Theory and analysis of natural language semantics from a variety of theoretical perspectives.

335. Pragmatics. (3) Prerequisite(s): Ling 201; Ling 230 or ELang 326.

Theory and analysis of pragmatics from a variety of theoretical perspectives.

360. Programming for Text Processing and Analysis. (3) Prerequisite(s): Ling 240.

Development of computer applications for research in linguistics (text processing, retrieval, and analysis) in one or more programming languages (e.g., Perl, Python, etc.).

361. Speech Processing. (3) Prerequisite(s): Ling 360.

Analyzing and manipulating speech data. Developing software applications that include speech recognition and/or speech generation.

399R. Academic Internship: Linguistics. (.5-9) Prerequisite(s): program coordinator's consent.

On-the-job experience and education related to linguistics.

401. Preparation for Graduate Studies in Linguistics. (3) Prerequisite(s): none.

Introduction to phonology, phonetics, morphology, syntax, semantics, and pragmatics for students not majoring in linguistics, but planning to study linguistics in grad school.

440. Linguistic Tools II. (3) Prerequisite(s): Ling 240.

Linguistic research tools and methods; resources, literature, and synthesis of techniques.

450. Introduction to Historical and Comparative Linguistics. (3) Prerequisite(s): Ling 210 and Ling 220; or Elang 325 and Elang 327.

Theory and method of language change via comparing daughter languages and reconstruction of their ancestral language: phonological, morphological, semantic, and lexical.

452. Sociolinguistics. (3) Prerequisite(s): Ling 201 or ELang 223.

Language in culture and society: development, typology, and description.

445. Psycholinguistics. (3) Prerequisite(s): Ling 201 or ELang 223.

How the mind interprets, stores, retrieves, and produces language. Anatomical structures and physiological processes of the brain dealing with language.

460. Linguistic Typology. (3) Prerequisite(s): Ling 220.

Introduction to the study of linguistic typology.

480. Problems in Translation. (3) Prerequisite(s): Ling 230 and proficiency in a second language.

History, theory, and practice of human and machine translation.

485. Corpus Linguistics. (3) Prerequisite(s): Ling 240 or Elang 273.

Using large collections of texts for research and teaching; focus on variation (by dialect, genre, time, author, etc.) in language.

495. Senior Capstone. (3)

Reading and discussing major issues in linguistics, writing a senior paper, and reviewing content of core courses.

Graduate Level Courses ***Linguistics (Ling) MA***

401. Introduction to Graduate Linguistics. (3)
Prerequisite: Admission to the graduate Program.

This is a prerequisite course for those who have been admitted to the program but have not had a strong linguistics background. Introduction to phonetics, phonology, morphology, syntax, semantics and pragmatics.

501. Advanced Research and Writing Techniques for Second Language Writers. (3)

Non-native English speaking students will develop research and writing techniques necessary for graduate-level writing.

ELang 522. Language Policy and Planning in English Language Contexts. (3)

Theories and practices of governing entities as they formulate policies relating to the status and codification of the English Language.

ELang 528. Varieties of English. (3)

Regional and social variation in English, especially standard and nonstandard national and world Englishes, including English-based pidgins and creoles.

ELang 529. Structure of Modern English. (3)

English syntax through modern grammars; theories underlying those grammars.

542. Field Methods in Linguistics. (3)

Document an unfamiliar language by interacting with a native speaker.

545. Psycholinguistics. (3)

How the mind interprets, stores, retrieves, and produces language. Anatomical structures and physiological processes of the brain dealing with language.

ELang 548. Old English 2. (3)

Additional reading in Old English, emphasizing sound changes, dialects, and textual production.

550. Sociolinguistics. (3)

Research and theory in anthropological linguistics and sociolinguistics.

551. Anthropological Linguistics. (3)

Language in culture and society: development, typology, and description.

558. Historical-Comparative Linguistics. (3)

Prerequisite(s): Ling 450 or instructor's consent.

Learning theory and method of language change via comparing daughter languages and reconstructing ancestral languages. Language universals and typology.

580R. Problems in Linguistics and Applied Linguistics. (1-3 cr.)

Advanced research in language acquisition, sociolinguistics, psycho-linguistics, linguistics field study, applied linguistics.

581. Natural Language Processing. (3)

Prerequisite(s): instructor's consent.

Intensive overview of natural language processing, including computational techniques, hands-on experience with linguistic technologies and corpora, language modeling approaches, and readings from current research.

590R. Readings in Linguistics. (1-3)

Prerequisite(s): instructor's consent.

Individual study of current linguistic literature. Occasional discussion sessions with instructor and other class members.

Pass/fail grade only.

599R. Academic Internship: Linguistics. (1-9)

On the job experience under faculty supervision, with department approval.

601. Linguistic Foundations: Sounds of Language. (3) Prerequisite(s): Ling 401 or equivalent linguistics course.

Principles of phonetics and phonology emphasizing analytical procedures and applications to real world language problems.

602. Linguistic Foundations: Structures of Language. (3) Prerequisite(s): Ling 401 or equivalent linguistics course.

Principles of morphology and syntax emphasizing analytical procedures and applications to real world language problems.

603. Linguistic Foundations: Meanings in Language. (3) Prerequisite(s): Ling 401 or equivalent linguistics course.

Principles of semantics and pragmatics emphasizing analytical procedures and applications to real world language problems.

604. Research Design in Linguistics. (3)

Principles of semantics and pragmatics emphasizing analytical procedures and applications to real world language problems.

615. Analogical Modeling of Language. (3)

Prerequisite(s): Ling 201 or equivalent.

Non-declarative approaches to language description; work within the connectionist or neural net framework; analogical or exemplar modeling.

640. Language Acquisition. (3)

First- and second-language acquisition viewed in light of psycholinguistics and sociolinguistics.

651. Advanced Phonology. (3) Prerequisite(s): Ling 601.

Study of sound systems of natural languages using current methods and theories.

652. Advanced Morphology. (3) Prerequisite(s): Ling 602.

Morphological theory and applications including the lexicon, inflectional and derivational processes, compounding, valency, lexical conceptual and argument structure, morphophonology and morphosyntax, learnability, and modeling.

653. Advanced Syntax. (3) Prerequisite(s): Ling 602.

Theory of generative grammar, emphasizing its history, the competition between different versions of generative theory, and their recent extensions.

654. Advanced Semantics. (3) Prerequisite(s): Ling 603.

Semantic theory and applications including quantification, modality, aspect, presupposition, contexts, focus, polarity, and pragmatics.

699R. Master's Thesis. (1-6)

Prerequisite(s): Completion of first-semester courses.

TESOL MA

401. Introduction to Graduate Linguistics. (3) Prerequisite: Admission to the graduate Program.

This is a prerequisite course for those who have been admitted to the program but have not had a strong linguistics background. Introduction to phonetics, phonology, morphology, syntax, semantics and pragmatics.

610. TESOL Methods and Materials Overview.

(3) Prerequisite(s): Admission to the TESOL graduate Program.

Foundation course surveying concepts, procedures, and techniques in second/foreign language teaching methodology and materials selection. Includes observing ESL classes in various contexts.

611. TESOL Methods and Materials Application.

(3) Prerequisite(s): Ling 610.

Practical application of language teaching methods and materials, including materials development and selection and technology for use in a mentored teaching practicum.

612. TESOL Practicum. (3) Prerequisite(s): Ling 610.

Sustained and supervised practice teaching at the English Language Center.

620. Research in TESOL. (3) Prerequisite(s): Ling 612.

Analyzing and interpreting published research for language teachers, writing a review of literature, recognizing various research approaches and assessing their appropriateness, and designing empirical research that is both valid and reliable.

631. Grammar Theory and Pedagogy. (3) Prerequisite(s): Admission to the TESOL graduate program.

Examining English grammar and usage as they reflect different theories about language description and applying this knowledge in the ESL/EFL classroom.

640. Language Acquisition. (3) Prerequisite(s): Ling 612.

First- and second-language acquisition viewed in light of psycholinguistics and sociolinguistics.

655. Culture Teaching and Pragmatics. (2) Prerequisite(s): Ling 610

Learning what culture is and how it functions in society. Practicing techniques and creating materials for teaching culture in ESL/EFL and foreign language classrooms.

660. Language Testing. (3) Prerequisite(s): Admission to the TESOL graduate program.

Construction, analysis, use, and interpretation of language tests.

670. TESOL Teaching Skills: Reading, Writing, & Vocabulary. (3) Prerequisite(s): Ling 610.

Processes involved in reading, writing and vocabulary acquisition, emphasizing how these skills are developed in a second/foreign language.

671. TESOL Teaching Skills: Listening, Speaking, and Pronunciation. (3) Prerequisite(s): Ling 610.

Processes involved in listening and speaking in a second language. Application of phonetic and phonemic study of American English pronunciation will be included.

677. Curriculum Development (3) Prerequisite(s): Ling 612.

Advanced language-teaching methodology and its classroom application.

678. Materials Development. (3) Prerequisite(s): Ling 612.

Principles and procedures for designing, developing, and evaluating professional-quality language-teaching/learning materials of various types: textbooks. Software, audiovisual aids, etc.

679. TESOL Supervision Administration Internship. (3) Prerequisite(s): Ling 612.

Actual fieldwork in TESOL settings involving supervision, in-service training, and program administration.

688R. Academic Internship: TESOL. (1-9) Prerequisite(s): Admission to the TESOL graduate program.

Supervised field experience involving English language teaching, testing, or materials development in an approved domestic or international setting.

695. TESOL Seminar. (1) Prerequisite(s): Completion of majority of TESOL MA courses and not-yet-defended thesis or project.

Integrating TESOL theory and practice; final preparation for TESOL career paths; refining and publicly presenting and defending thesis or project results.

698R. Project Credits. (1-6) Prerequisite(s): Completion of first-semester courses.

699R. Master's Thesis. (1-6) Prerequisite(s): Completion of first-semester courses.