801*. Forestry Research
Fall. 1/2 (0)
R: Graduate standing
The philosophy, nature and workings of the research process in the forest sciences.

803*. Forest Ecology
Spring of even-numbered years. 3(3-0)
P: FOR 404 or equivalent
Theories, methods of analysis and discussion of forest productivity, competition, succession, gap, wave and landscape regeneration, wildlife, nutrient cycling, timber management and biodiversity.
QA: FOR 804

807*. Forestry Special Problems
Fall, Spring, Summer. 1 to 5 credits.
May reenroll for a maximum of 9 credits.
P: Instructors signature
Advanced study in any area of forestry.
QA: FOR 807

809*. Advanced Wood Technology
Spring of even-numbered years. 3(2-2)
P: FOR 304 R: Seniors and graduate students CANR FOR
Selected topics of wood technology including in depth discussion of sorption, mechanical and physical properties, composite technology, industry practices.
QA: FOR 209

824*. Forest Soils
Fall of odd-numbered years. 3(2-2)
P: CSS 140; CSS 470; FOR 404

821*. Silviculture
Fall of even-numbered years. 3(3-0)
P: FOR 304, FOR 305 R: Graduate students only
Explore the silvicultural research literature to understand the ecological, genetic, physiological and societal impacts of silvicultural practices. Current problems are examined in land management, forest regeneration and temperate and tropical zones.
QA: FOR 304 FOR 305 QA: FOR 835

847*. Forest Policy
Spring of even-numbered years. 3(3-0)
Models, processes and analysis methods in forest resource policy. Interaction of markets, government, and citizen in policy issue development, formulation, implementation and evaluation.

862*. Agroforestry Systems
Spring of even-numbered years. 3(3-0)
P: FOR 160, FOR 404 C: FOR 804, FOR 901 R: Graduate standing CANR FOR, CSS, HRT, BOT
Emphasis on critical review of the literature on agroecology, nutrient cycling, soil-wood-tree interactions, nitrogen fixing trees, tree selection, improvement and management, IPM, and microclimatology, as related to agroforestry.

866*. Economics of Renewable Resources
Spring of odd-numbered years. 3(3-0)
Interdepartmental with the Department(s) of Resource Development.
P: AEC 521 R: Graduate standing
Applications of economic theory and analysis to renewable natural resources problems. Emphasis on joint production and forest-related resource interactions, including multiple-use forestry and agroforestry.
QA: FOR 809

899*. Masters Thesis Research
Fall, Spring, Summer. 1 to 18 credits.
May reenroll for a maximum of 24 credits.
Research for Masters Thesis

910*. Modeling for Natural Resources Management
Spring of even-numbered years. 3(3-2)
Interdepartmental with the Department(s) of Resource Development.
R: Graduate standing
Role of simulation and optimization models in developing resource management strategies. Applications of computer-based modeling in natural resources. Modeling of decision systems.
QA: FOR 960

930*. Advanced Forest Genetics
Fall of odd-numbered years. 2(1-2)
Interdepartmental with the Department(s) of Agriculture, Crop and Soil Sciences.
P: FOR 402 or a plant breeding course.
C: FOR 420
In depth applications of the science of genetics, plant breeding, and biotechnology to preservation of diversity and improvement of important tree species.

976*. Applied Multivariate Analysis
Spring. 4(4-0)
P: MTH 334, SIT 422 R: Graduate Students CANR
Application of multivariate methods to research problems. Hotelling's T, profile analysis, discriminant analysis, canonical correlation, principal components, principal coordinates, correspondence analysis, and cluster analysis.
P: MTH 334 SIT 423
QA: FOR 976

999*. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 18 credits.
Research for doctoral dissertation

FRENCH

101*. Elementary French I
Fall, Spring. 4(4-1)
R: No previous French
No previous French required. R: Not open to designated score on French placement test.
Further practice in using and understanding French to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.
QA: FRN 101 FRN 102

102*. Elementary French II
Fall, Spring. 4(4-1)
P: FRN 101 or designated score on French placement test.
R: Not open to students with credit in FRN 150
Further practice in using and understanding French to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.
QA: FRN 102 QA: FRN 103

150*. Review of Elementary French
Fall, Spring. 3(3-1)
R: Open to students with high school credit in French and designated score on French placement test.
Further practice in using and understanding French to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.
QA: FRN 190

201*. Second-Year French I
Fall, Spring. 4(4-0)
P: FRN 102 or FRN 150 or designated score on French placement test.
Further review and development of language comprehension, speaking, reading, and writing skills. Topics in the cultures of the French-speaking world.
QA: FRN 193 QA: FRN 201 FRN 202

202*. Second-Year French II
Fall, Spring. 4(4-0)
P: FRN 201
Further review and development of language comprehension, speaking, reading, and writing skills. Topics in the cultures of the French-speaking world.
QA: FRN 202 QA: FRN 203

290*. Independent Study
Fall, Spring, Summer. 1 to 4 credits.
May reenroll for a maximum of 4 credits.
R: Approval of the Department
Special project(s) arranged by an individual student and a faculty member to arrange supplements to regular course offerings.
QA: FRN 299

330*. Grammar and Composition
Fall, Spring. 3(3-0)
P: FRN 202 or designated score on French placement test.
Analysis of French pronunciation for listening and speaking.
QA: FRN 203 QA: FRN 300

340*. Introduction to Reading French Literature
Fall, Spring. 3(3-0)
P: FRN 202 or designated score on French placement test.
Close reading and interpretation of French drama, poetry, fiction, and other prose forms.
QA: FRN 203 QA: FRN 361

350*. The Contemporary French Scene
Fall. 3(3-0)
P: FRN 320, FRN 340, FRN 341
Institutions, history, arts, and major sociopolitical issues of France and its former colonies from 1945 to the present, with an emphasis on the Fifth Republic class conducted in French.
QA: FRN 321 FRN 322 QA: FRN 327

355*. French Literature in English Translation
Spring of even-numbered years. 3(3-0)
R: Not open to freshmen.
Representative works and themes of French literature.
QA: FRN 341

400*. Reading French for Graduate Students
Spring. 3(3-0)
R: Not open to freshmen.
Intensive study of French for graduate students needing a reading knowledge of the language.
QA: FRN 411 FRN 412

410*. Survey of French Literature I
Fall. 3(3-0)
P: FRN 320, FRN 340
French literature from the Middle Ages to the Enlightenment.
QA: FRN 322 FRN 361 QA: FRN 362
420*. Survey of French Literature II
Spring 3(3-0)
P: FRN 320, FRN 340
French literature from the Enlightenment to the present.
QP: FRN 322 FRN 361 QA: FRN 392

425*. Advanced Studies in French Language
Fall: 3(3-0)
P: FRN 320, FRN 340.
Translation, stylistics, composition, creative writing, prescriptive grammar.
QP: FRN 322 FRN 361 QA: FRN 422 FRN 423

430*. French Linguistics
Spring: 3(3-0)
P: FRN 320, FRN 330; LIN 401 or ROM 401.
Key issues in French linguistics and contrastive structure of French and English.
QP: FRN 327 FRN 361 FRN 322 QA: FRN 420 FRN 421

440*. Francophone Cultures and Civilisations
Spring: 3(3-0)
P: FRN 350.
Social, political, intellectual and artistic life of France and the French-speaking world in relation to the French language, literatures, and other cultural media.
QP: FRN 327 FRN 361 FRN 322 QA: FRN 420 FRN 421

450*. French Literature of the Middle Ages
Fall of even-numbered years: 3(3-0)
P: FRN 410, FRN 420.
Major currents of the Middle Ages as reflected in the writings of representative authors of the period.
QP: FRN 361 FRN 362 FRN 322 QA: FRN 450

455*. French Literature of the 16th Century
Spring of odd-numbered years: 3(3-0)
P: FRN 410, FRN 420.
Literature reflecting major currents of the Renaissance and Reformation.
QP: FRN 361 FRN 362 FRN 322 QA: FRN 455

460*. French Literature of the 17th Century
Fall of odd-numbered years: 3(3-0)
P: FRN 410, FRN 420.
Literature reflecting major currents of the Baroque and classical periods.
QP: FRN 361 FRN 362 FRN 322 QA: FRN 460

465*. French Literature of the 18th Century
Spring of even-numbered years: 3(3-0)
P: FRN 410, FRN 420.
Literature reflecting major currents of the French Enlightenment.
QP: FRN 361 FRN 363 FRN 322 QA: FRN 465

470*. French Literature of the 19th Century
Fall of even-numbered years: 3(3-0)
P: FRN 410, FRN 420.
Literature reflecting major currents of the nineteenth-century France.
QP: FRN 361 FRN 363 FRN 322 QA: FRN 470

475*. French Literature of the 20th Century
Spring of odd-numbered years: 3(3-0)
P: FRN 410, FRN 420.
Literature reflecting major currents of the twentieth-century France.
QP: FRN 361 FRN 363 FRN 322 QA: FRN 475

480*. Literature of Quebec
Fall of odd-numbered years: 3(3-0)
P: FRN 410, FRN 420.
Major works of Quebec literature from the seventeenth-century to the present.
QP: FRN 361 FRN 363 FRN 322 QA: FRN 480

485*. Francophone Literatures of the Third World
Spring of even-numbered years: 3(3-0)
P: FRN 410, FRN 420.
Francophone literatures of West Africa, the Maghreb, Madagascar, the Caribbean, and Vietnam.
QP: FRN 361 FRN 363 FRN 322 QA: FRN 485

490*. Independent Study
Fall, Spring, Summer 1 to 4 credits.
May reenroll for a maximum of 4 credits.
R: Approval of the Department.
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
QP: FRN 490

491*. Special Topics in French
Fall, Spring, Summer 3(3-0)
R: Approval of the Department.
Special topics supplementing regular course offerings proposed by faculty on a group study basis.
QP: FRN 491

500*. Current Approaches to French Instruction
Fall: 3(3-0)
A theoretical and practical view of methodologies of teaching French.
QP: FRN 500

501*. Introduction to Methods of Research in Literature
Spring: 1(1-0)
Examination of the methods of research in French literature.
QP: ROM 500

505*. Evolution of the French Language
Fall of odd-numbered years: 3(3-0)
A diachronic examination of the phonological, morphological, and syntactic development of French as it evolved from Latin.
QP: FRN 505

506*. Topics in French Linguistics
Spring of even-numbered years: 3(3-0)
Key issues in theoretical and applied French linguistics.
QP: FRN 506

507*. Development of French Culture
Fall of odd-numbered years: 3(3-0)
French culture through the history of ideas or the evolution of institutions or through literature and the sister arts.
QP: FRN 507

510*. Studies in Medieval French Literature
Spring: 3(3-0)
Works of major writers of the French Middle Ages.
QP: FRN 510

515*. Studies in Sixteenth-Century French Literature
Fall of even-numbered years: 3(3-0)
Works of major prose writers and poets of the Renaissance and Reformation.
QP: FRN 515

520*. Studies in French Literature of the Seventeenth Century
Spring of even-numbered years: 3(3-0)
Works of major writers of the seventeenth century.
QP: FRN 520

525*. Studies in Eighteenth-Century French Literature
Fall of odd-numbered years: 3(3-0)
Works of major writers of the French Enlightenment.
QP: FRN 525

530*. Studies in Nineteenth Century Literature
Spring of odd-numbered years: 3(3-0)
Major authors and selected topics in poetry, prose, and drama of the nineteenth century.
QP: FRN 530

535*. Studies in Twentieth Century Literature
Fall of even-numbered years: 3(3-0)
The diverse spiritual, intellectual, psychological, and aesthetic conflicts in masterpieces of world-wide impact.
QP: FRN 535

540*. French Quebecois Literature
Fall of even-numbered years: 3(3-0)
Major authors and selected topics in the poetry, prose, and drama of Quebec.
QP: FRN 540

545*. Francophone Third World Literature
Spring of odd-numbered years: 3(3-0)
Leading figures, themes, and movements of Francophone literatures outside France; literature of the colonial period, Négritude, satire, commitment and revolution, the problems of independence.
QP: FRN 545

590*. Independent Study
Fall, Spring, Summer 1 to 3 credits.
May reenroll for a maximum of 3 credits.
R: Approval of the Department.
Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.
QP: FRN 590

591*. Special Topics in French
Fall, Spring, Summer 3(3-0) May reenroll for a maximum of 6 credits.
R: Approval of the Department.
Special topics supplementing regular course offerings proposed by faculty on a group study basis for graduate students.
QP: FRN 591

599*. Doctoral Dissertation Research
Fall, Spring, Summer 1 to 24 credits.
May reenroll for a maximum of 24 credits.
R: Approval of the Department.
QP: FRN 599