

THEATRE (THEA)

THEA 100. Technical Production. 1 Hour.

Semester course; 1 lecture hour. 1 credit. Enrollment is restricted to theatre majors. A crew assignment for a Mainstage production fulfilling all required work and hours of production calls.

THEA 102. Introduction to Technical Theatre. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. This course is designed as an introduction to technical theatre for performers. Skills learned in this class will allow the student to become a contributing team member as well as prepare the student for future endeavors requiring basic knowledge of technical theatre. Theatre students enrolled in design/technical production concentrations cannot receive credit for this course.

THEA 103. Stagecraft. 3 Hours.

Semester course; 9 studio hours. 3 credits. Restricted to theatre majors. The fundamental methods, materials and techniques of set construction for the stage. Participation in departmental productions.

THEA 104. Costume Construction. 3 Hours.

Semester course; 9 studio hours. 3 credits. Restricted to theatre majors. The fundamental methods, materials and techniques of costume construction for the stage. Participation in departmental productions.

THEA 105. Advanced Costume Construction. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 104. Focuses on the development of skills needed to function as a stitcher in a theatrical costume shop through practical application of techniques and processes.

THEA 107. Introduction to Stage Performance. 3 Hours.

Semester courses; 3 lecture hours. 3, 3 credits. For non-theatre majors. A survey and application of the basic elements in stage performing; acting, scene study, voice and movement.

THEA 108. Introduction to Stage Performance. 3 Hours.

Semester courses; 3 lecture hours. 3, 3 credits. For non-theatre majors. A survey and application of the basic elements in stage performing; acting, scene study, voice and movement.

THEA 110. Improvisation. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. This course provides students with foundational improv techniques. Students will learn how to apply these techniques to endeavors ranging from artistic to social and beyond.

THEA 111. Fundamentals of Performance. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Enrollment is restricted to theatre majors. Study of foundational acting technique including connections to breath, voice, physicality, ensemble, story and text.

THEA 112. Fundamentals of Theatrical Design. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Enrollment is restricted to theatre majors. An introduction to the history of theatrical design and the importance of collaboration; elements and principles of design and composition, becoming visual storytellers, script analysis for designers, research, and the skills and tools needed as a designer.

THEA 113. Introduction to Acting I. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Open only to theatre majors upon satisfactory audition. An introduction to and exploration of performance skills through theatre games, role-playing, improvisation and work on basic script units.

THEA 114. Introduction to Acting II. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Open only to theatre majors upon satisfactory audition. Study of the basic Stanislavski System and practicing toward competency of applying this system to monologue and scene study.

THEA 121. Introduction to Drawing. 2 Hours.

Semester course; 2 lecture hours. 2 credits. Open only to theatre majors. An introduction to drawing skills. Topics include line quality and contour, volume, value with shading and crosshatching, texture, space and composition, perspective, gesture, and figure drawing.

THEA 122. Color Theory. 2 Hours.

Semester course; 2 lecture hours. 2 credits. Open only to theatre majors. An introduction to color theory. Topics covered include how to create different values, hues and intensities, and how to mix color to best express a specific artistic intent.

THEA 161. Figure Drawing: Superficial Anatomy. 2 Hours.

Semester course; 1 lecture and 4 studio hours. 2 credits. Introductory course focused on developing drawings from direct observations of the figure. The specific problem will be the study of superficial anatomy as related to costume design. Various drawing and painting media will be explored.

THEA 162. Figure Drawing: Draping the Human Form. 2 Hours.

Semester course; 1 lecture and 4 studio hours. 2 credits. Focus on developing drawings from direct observations of the figure and folds, students will show the surface influence of superficial anatomy on the draped figure. Various drawing and painting media will be explored.

THEA 191. Topics in Theatre. 1-3 Hours.

Semester course; 1-3 workshop hours. 1-3 credits. May be repeated for a maximum of 6 credits. Enrollment restricted to theatre majors. Flexible semester course in selected aspects of performance, theory, literature or history. See the Schedule of Classes for specific topics to be offered each semester.

THEA 200. Broadway Seminar. 1 Hour.

Semester course; 1 lecture hour. 1 credit. The course will provide a weekly opportunity to work with various guests providing unique training opportunities in singing, dancing and acting. Topics will include audition technique and will introduce current Broadway trends to those interested in musical theatre.

THEA 201. Voice and Speech for the Actor I. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Open only to theatre majors upon satisfactory audition. A study of the basic elements of voice and speech for actors.

THEA 202. Voice and Speech for the Actor II. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Continuing study elements of voice and speech and practicing toward competency of applying these skills to text.

THEA 203. Movement for the Actor I. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Open only to theatre majors upon satisfactory audition. Practice and study of stage movement for the purpose of creating truthful physical behavior in the theatre.

THEA 204. Movement for the Actor II. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Continuing study of creating truthful physical behavior in the theatre, leading toward competency of applying same to characters and text.

THEA 209. Theatrical Rigging. 1 Hour.

Semester course; 1 lecture hour. 1 credit. Prerequisite: THEA 103. Enrollment is restricted to theatre majors. The course will provide a practical introduction to standards and techniques of safe theatrical rigging with an emphasis on safe rigging procedures, load calculations and current industry standards.

THEA 210. Introduction to Stage Combat. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. Enrollment is restricted to theatre majors upon completion of satisfactory audition. An introduction to the techniques and performance of unarmed and armed stage combat sequences for the stage.

THEA 211. Introduction to Drama. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Analysis and critical examination of plays for methods of interpretation and production qualities.

THEA 212. Introduction to Drama II. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Analysis and critical examination of plays for methods of interpretation and production qualities.

THEA 213. Acting I. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Open only to theatre majors upon satisfactory audition. Exploration of the Stanislavski System with particular emphasis on emotional availability, point of view and personalization techniques.

THEA 214. Acting II. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Prerequisite: THEA 213. Enrollment is restricted to theatre majors upon satisfactory audition. Introduction of heightened text with continuing study of point-of-view with personalization, emotional availability and practicing toward competency of basic acting skills.

THEA 215. Live Theatre Now. 3 Hours.

Semester course; 3 lecture hours. 3 credits. An introduction to theatre as an art form and live theatrical event. The course is designed to cultivate an appreciation, understanding and critical perception of live theatre performance. Students will study the fundamentals of theatre and the theatrical production process.

THEA 216. Welding for Theatre. 1 Hour.

Semester course; 2 studio hours. 1 credit. Enrollment is restricted to theatre majors. This course is designed as a practical introduction to safe welding practices and standards.

THEA 217. Theatrical Drafting. 2 Hours.

Semester course; 1 lecture and 4 studio hours. 2 credits. An introduction to the practices and procedures used in communicating technical and design information among a range of theatre practitioners. Focus on traditional hand-drafting techniques.

THEA 218. Introduction to Scene Painting. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. An introduction to fundamental scene painting technique. Students will have the opportunity to study the materials and techniques of scene painting as well as the practices and expectations of a career in scenic artistry.

THEA 219. Fundamentals of Entertainment Technology. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Introduction to the physical science underlying various disciplines of technical theatre.

THEA 221. Introduction to Scene Design. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Restricted to theatre majors. An introduction to the theories, practices and procedures of designing for the stage.

THEA 223. Practicum in Theatre Technology. 3 Hours.

Semester courses; 9 studio hours. 3, 3 credits. Prerequisites: THEA 103 and THEA 104. Restricted to theatre majors. Advanced study in theatre technologies and the materials and methodologies of stage construction.

THEA 224. Practicum in Theatre Technology. 3 Hours.

Semester courses; 9 studio hours. 3, 3 credits. Prerequisites: THEA 103 and THEA 104. Restricted to theatre majors. Advanced study in theatre technologies and the materials and methodologies of stage construction.

THEA 225. Electricity for the Stage. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Restricted to theatre majors. A study of the properties and basic principles of electricity as they relate to the utilization of light on the stage. Participation in departmental productions.

THEA 226. Desktop Audio/Video. 2 Hours.

Semester course; 3 studio hours. 2 credits. A basic introduction to desktop audio and video production. Levels of production will be explored from the cheapest solutions to midrange solutions utilizing audio and video equipment working in tandem using nonlinear editors on the computer.

THEA 227. Introduction to Theatrical Makeup. 3 Hours.

Semester course; 2 lecture and 2 studio hours. 3 credits. Teaches basic makeup practices for theatrical work. Students will gain an introductory knowledge of the physiological structure of the human face and how to alter appearance of an actor through the use of stage-makeup and basic prosthetic appliances. These skills will be evaluated through practical applications and studio work.

THEA 228. Introduction to Costume Design. 3 Hours.

Semester course; 2 lecture and 2 studio hours. 3 credits. Prerequisite: THEA 227 or permission of instructor. Introduces students to the costume design process including: the techniques of drawing to aid in facilitating costume design, paperwork required of the costume designer, and costume sketching and painting techniques. Students will employ critical thinking in their evaluation of the costume design process and concurrently be introduced to the skills required in the design process through practical design projects.

THEA 229. Introduction to Lighting Design. 3 Hours.

Semester course; 2 lecture and 3 studio hours. 3 credits. Restricted to theatre majors. A study of issues concerning the properties of light and electricity as they relate to theatre including design, composition and color.

THEA 230. Model Building. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. This course will provide students with an in-depth knowledge of basic model-making practices and strategies.

THEA 235. Beginning Stage Management. 3 Hours.

Semester course; 3 lecture hours. 3 credits. An introduction to the art and science of stage management with emphasis on the skills and mechanics necessary to successfully contribute to the theatrical production process.

THEA 237. Advanced Lighting I. 3 Hours.

Semester course; 2 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 229. An in-depth exploration into development and execution of a lighting design and the lighting potentials of a wide variety of facilities, production styles and lighting equipment. Includes work on development of communication skills with directors via value sketches and lighting plots. Work will include studies and design research, concepts, collaboration, professional procedures and systems, paperwork, and organization. Varies scales of theoretical and practical projects in the light lab.

THEA 251. Rehearsal and Performance I. 1-3 Hours.

Semester course; 2, 4 or 6 studio hours. 1, 2 or 3 credits. May be repeated for a maximum total of 6 credits. Restricted to theatre majors. Work in acting, management, design or technical areas within a TheatreVCU production.

THEA 261. Figure Drawing: Media and Technique. 2 Hours.

Semester course; 1 lecture and 4 studio hours. 2 credits. This course will explore various traditional wet and dry media techniques in depicting representational costume design. Assignments will incorporate applicable references to art history.

THEA 262. Figure Drawing: Advanced Media and Technique. 2 Hours.

Semester course; 1 lecture and 4 studio hours. 2 credits. Prerequisite: THEA 261. An advanced course investigating various traditional wet and dry media techniques depicting the human form and costuming. Assignments will incorporate applicable references to the history of art and contemporary developments.

THEA 291. Topics in Theatre. 1-3 Hours.

Semester course; 1-3 workshop hours. 1-3 credits. May be repeated for a maximum of 6 credits. Enrollment restricted to theatre majors. Flexible semester course in selected aspects of performance, theory, literature or history. See the Schedule of Classes for specific topics to be offered each semester.

THEA 292. Independent Study in Theatre. 1-3 Hours.

Semester course; variable hours. 1-3 credits. May be repeated for a maximum total of six credits. Prerequisites: sophomore standing as a major in theatre and approval of department chair and instructor. Individual instruction and supervision of a special project. Learning experiences should be designed with the supervising faculty member in the form of a contract between student and instructor. This course is limited to those students who have demonstrated an exceptional level of ability and intense commitment to their discipline.

THEA 301. Advanced Voice and Speech for the Actor I. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Prerequisite: THEA 202. Open only to theatre majors upon satisfactory audition. Building upon lessons and skills practiced in the prerequisite course, an introduction to advanced elements of voice and speech and practicing toward competency of applying these skills to text.

THEA 302. Advanced Voice and Speech for the Actor II. 3 Hours.

Semester course; 3 studio hours. 3 credits. Prerequisite: THEA 301. Enrollment is restricted to theatre majors with a minimum 2.0 GPA in the major. Continuing study in advanced elements of voice and speech and practicing toward competency of applying these skills to text.

THEA 303. Black Theatre. 3 Hours.

Semester course; 3 lecture hours. 3 credits. A study of the major developments in the evolution of black theatre through readings and studio performances in black-related and black theatre dramaturgy. Crosslisted as: AFAM 303.

THEA 305. Scenic Design Studio I. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 221. Enrollment is restricted to theatre majors. A study of the techniques and methods of scene design.

THEA 306. Scenic Design Studio II. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 221. Enrollment is restricted to theatre majors. Advanced study of the techniques and methods of scene design.

THEA 307. History of the Theatre. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Prerequisite: UNIV 200 or HONR 200. Enrollment is restricted to theatre majors. A study and analysis of theatre history from Early Greece to the Renaissance: the architecture, the performer and performances, the stage, the production methods, and the audience.

THEA 308. History of the Theatre. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Prerequisite: UNIV 200 or HONR 200. Enrollment is restricted to theatre majors. A study and analysis of theatre history from the Renaissance to the late 20th century: the architecture, the performer and performances, the stage, the production methods, and the audience.

THEA 309. History of Costumes. 3 Hours.

Semester courses; 3 lecture hours. 3, 3 credits. Illustrated lectures on the history of clothing from primitive times to the present.

THEA 310. History of Costumes. 3 Hours.

Semester courses; 3 lecture hours. 3, 3 credits. Illustrated lectures on the history of clothing from primitive times to the present.

THEA 311. Advanced Movement for the Actor I. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Open only to theatre majors upon completion of satisfactory audition. Advanced study of movement for the actor emphasizing physical control, flexibility and various physical performance techniques.

THEA 312. Advanced Movement for the Actor II. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Prerequisite: THEA 311. Enrollment is restricted to theatre majors. Continuing practice of movement skills toward proficiency in creating truthful physical behavior in the theatre.

THEA 313. Actor's Studio I. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Open only to theatre majors upon completion of satisfactory audition. Scene study and exploration of personalized character work as it applies to modern acting.

THEA 314. Actor's Studio II. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Prerequisite: THEA 313. Enrollment is restricted to theatre students who have successfully completed the sophomore assessment audition. Continuing exploration of personalized character work and heightened text as it applies to modern acting.

THEA 315. Audition Technique. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. Enrollment is restricted to theatre majors with a minimum 2.5 GPA in the major upon satisfactory audition or with permission of instructor. Concentrated work using various techniques and methods of auditioning for the stage, television and film.

THEA 316. Musical Theatre History. 3 Hours.

Semester course; 3 lecture hours. 3 credits. A study of musical theatre history from its beginnings in vaudeville to the golden age to contemporary musical theatre. Students will gain the necessary skills to do dramaturgical analysis of a musical, as well as historiographical skills and a strengthened understanding of how to write about performance both objectively and subjectively.

THEA 317. Musical Theatre Performance I. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Open only to theatre majors upon completion of a satisfactory audition. Development of skills necessary to prepare songs and roles in musical theatre productions.

THEA 318. Musical Theatre Performance II. 3 Hours.

Semester course; 1 lecture and 2 studio hours. 3 credits. Prerequisite: THEA 317. Open only to theatre majors upon completion of a satisfactory audition. Continuation of the development of skills necessary to prepare songs and roles in musical productions while also developing skills in audition technique and the building of a personal repertoire.

THEA 319. Musical Theatre Dance Styles: Landmark Choreographers. 2 Hours.

Semester course; 1 lecture and 1 studio hour. 2 credits. Development of skills necessary to dance and perform in theatre productions. Students will demonstrate an ability in dance basics. An advanced course focusing on the practical application and aesthetic of landmark choreographers of the modern musical theatre. Students will demonstrate and integrate ballet and jazz techniques and apply same to the proper execution of each choreographer.

THEA 320. Structural Design for the Stage. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Introduction to basic structural analysis as applies to theatrical scenic construction and rigging.

THEA 321. Costume Design Studio I. 3 Hours.

Semester course; 2 lecture and 2 studio hours. 3 credits. Prerequisite: THEA 228. A studio course exploring the practice of the creative techniques, skill-building tools and business processes used according to the practical standards of the industry developed by professional union costume designers.

THEA 322. Costume Design Studio II. 3 Hours.

Semester course; 2 lecture and 2 studio hours. 3 credits. Prerequisite: THEA 321. Continuing studio course exploring the practice of the creative techniques, skill-building tools and business processes used according to the practical standards of the industry developed by professional union costume designers.

THEA 323. Practicum in Advanced Theatre Technology. 3 Hours.

Semester course; 9 studio hours. 3 credits. May be repeated for a maximum of 9 credits. Restricted to theatre majors. Advanced study in theatre technologies and technical management.

THEA 324. Practicum in Stage Lighting. 3 Hours.

Semester course; 9 studio hours. 3 credits. May be repeated for a maximum of 12 credits. Restricted to theatre majors. Practical application in the methodologies of stage lighting.

THEA 325. Intermediate Stage Management. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Prerequisite: THEA 235. Continuing study in the art and science of professional stage management.

THEA 326. Audio Mixing. 3 Hours.

Semester course; 2 lecture and 3 studio hours. 3 credits. May be repeated for a maximum total of nine credits. Enrollment is restricted to theatre majors, those pursuing the sound design minor and others with permission of the instructor. A study of basic mixing theory and ear training to create a completed audio mix for live theatre or concerts.

THEA 327. Computer-assisted Design and Drafting for the Theatre. 3 Hours.

Semester course; 3 lecture hours. 3 credits. May be repeated for a maximum of 6 credits. Instruction and practice in the use of computer assisted design and drafting for the theatre such as preparation and presentation, perspective, rotation, development and graphic solutions pertaining to theatrical construction problems.

THEA 329. Patternmaking for the Theatre. 3 Hours.

Semester course; 1 lecture and 6 studio hours. 3 credits. Prerequisite: THEA 105. This course introduces basic patternmaking skills including: sloper development, pattern manipulations employing flat patterning techniques, drafting, scaling and copying of historic garments. This course introduces critical-thinking skills as related to the form, fit and composition of clothing as it relates to the body. Students will apply these skills to practical projects that can relate to a variety of historical period costumes.

THEA 332. Draping for the Theatre. 3 Hours.

Semester course; 1 lecture and 6 studio hours. 3 credits. Prerequisite: THEA 329. This course introduces basic draping skills including: sloper development, princess-line and bias garments, and clothing draped over extensive understructures. This course practices critical-thinking skills as related to the form, fit and composition of clothing as it relates to the body. Students will apply these skills to demonstrate specific historical period costumes.

THEA 333. Sound Technology. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Enrollment is restricted to theatre majors, those pursuing the sound design minor and others with permission of the instructor. This course will explore the concepts between sound, acoustics and our hearing, introducing the student to the basic concepts, equipment and software used to create, reinforce and record sound.

THEA 334. Sound Design for Theatre. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Enrollment is restricted to theatre majors, those pursuing the sound design minor and others with permission of the instructor. Exploration in contemporary practices in sound design for the theatre.

THEA 335. Advanced Movement and Vocal Techniques. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. May be repeated for a total of 6 credits. Enrollment is restricted to theatre majors upon satisfactory audition. A rotating topics course highlighting several performance training methods that link physical and vocal work.

THEA 336. Introduction to Costume Crafts. 3 Hours.

Semester course; 1 lecture and 6 studio hours. 3 credits. Prerequisite: THEA 227. The course will introduce the student to a variety of skills and application methods that are needed for the execution of costume designs in a theatrical production. An overview and basic understanding of these crafts will be explored and practiced during the semester.

THEA 337. Advanced Lighting Design II. 3 Hours.

Semester course; 2 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 237 with a minimum grade of C. Advanced study of lighting design, incorporating increasingly difficult texts, rep plots, facilities and production styles. Further exploration of the process of lighting design for theatre and other related events. Projects focus intensely on communication and the collaborative process.

THEA 338. Technical Direction I. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 217 or THEA 327. Enrollment is restricted to theatre majors. This class will explore the role of the technical director as a problem-solver, manager, leader and collaborator in the production process. Development of skills in critical thinking, communication, leadership, management, collaboration and practical applications will be emphasized.

THEA 340. Theatre Projects. 3,6 Hours.

Semester courses; 1 or 2 lecture and 4 or 8 laboratory hours. 3 or 6 credits per semester. Open only to theatre majors. Individual or group projects in acting, directing, costume design, stage design or dramaturgy.

THEA 341. Theatre Projects. 3,6 Hours.

Semester courses; 1 or 2 lecture and 4 or 8 laboratory hours. 3 or 6 credits per semester. Open only to theatre majors. Individual or group projects in acting, directing, costume design, stage design or dramaturgy.

THEA 344. Technical Direction I. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Enrollment is restricted to theatre majors. Introduction to the methodologies of professional technical direction including budgeting, scheduling, estimating and technical design. Students will employ critical thinking in application to project management and practical technical direction projects.

THEA 345. Technical Direction II. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Prerequisite: THEA 344. Enrollment is restricted to theatre majors. Advanced project-based application of methodologies of professional technical direction.

THEA 347. Props Design and Construction. 3 Hours.

Semester course; 3 lecture hours. 3 credits. May be repeated for a maximum of 6 credits. Enrollment is restricted to theatre majors. A study of procedures and skills needed to be a successful prop master. Topics include organization, research, procurement methods, furniture and ornament history, upholstery and basic furniture repair.

THEA 348. Furniture Repair and Upholstery. 3 Hours.

Semester course; 1 lecture hours. 4 studio hours. 3 credits. Enrollment is restricted to theatre majors. This course is an in-depth study of furniture history, construction and repair for the stage. The student will complete projects involving design, construction and upholstery of stage furniture.

THEA 351. Rehearsal and Performance. 1-3 Hours.

Semester course; 2, 4 or 6 studio hours. 1, 2 or 3 credits. May be repeated for a maximum of six credits. Enrollment is restricted to theatre majors or by permission of instructor. Work in acting, management, design or technical areas within a TheatreVCU production.

THEA 361. Directing I. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Open only to theatre majors. Introduction to and practice in the theories of stage direction.

THEA 362. Directing II. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Prerequisite: THEA 361. Continuing practice in solving problems involved in the production of period plays and a study of modern theories.

THEA 365. Playwriting. 3 Hours.

Semester course; 1 lecture and 4 studio hours. Enrollment requires permission of instructor. This course explores the fundamentals of playwriting through the use of Aristotelian and Freytag theories. Using these theories and assigned reading and writing exercises completed in class, the course culminates with the class creating and participating in a public reading of each student's own 10-minute play.

THEA 368. Rendering Techniques. 2 Hours.

Semester course; 4 studio hours. 2 credits. Prerequisite: THEA 262. Enrollment is restricted to theatre majors. Instruction on skills and tools needed to create sketches as a theatrical designer. Will focus on student's rendering skills and individual presentation style. Will provide experience using different media and rendering techniques. Will also help students analyze and critique their own work and help them, as artists, become better observers.

THEA 371. Mechanical Design for the Stage. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Introduction to the process for, components of and applications for mechanical design for stage.

THEA 372. Control Systems for Entertainment. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Introduction to current and emerging control systems used in lighting, sound, stage machinery and show control.

THEA 373. Photo Manipulation for Theatre. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Introduction to the basic concepts and practices of creating computer-manipulated photo images and documents.

THEA 375. Black Performance Techniques. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. Prerequisite: THEA 213. Enrollment is restricted to theatre majors. This advanced performance class is focused on the acting and creative techniques of the Black aesthetic as the first voice/primary perspective.

THEA 385. Diverse Voices. 3 Hours.

Semester course; 3 lecture hours. 3 credits. May be repeated for a maximum total of six credits. A study and analysis of the multicultural literature and practices of the American theatre of the 20th and 21st centuries. Students study plays from multicultural perspectives. An emphasis is placed on the performance techniques utilized by various authors as well as their literary style.

THEA 386. Property Design and Construction. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 221. This course is a study of procedures and skills needed to be a successful prop director. Topics include organization, research, procurement methods, ornament history and design.

THEA 391. Topics in Theatre. 1-3 Hours.

Semester course; 1-3 workshop hours. 1-3 credits. May be repeated for a maximum of 6 credits. Enrollment restricted to theatre majors. Flexible semester course in selected aspects of performance, theory, literature or history. See the Schedule of Classes for specific topics to be offered each semester.

THEA 392. Independent Study in Theatre. 1-3 Hours.

Semester course; variable hours. 1-3 credits. May be repeated for a maximum total of 6 credits. Prerequisites: junior standing as a major in theatre and approval of department chair and instructor. Individual instruction and supervision of a special project. Learning experiences should be designed with the supervising faculty member in the form of a contract between student and instructor. This course is limited to those students who have demonstrated an exceptional level of ability and intense commitment to their discipline.

THEA 403. History of Dramatic Literature. 3 Hours.

Semester courses; 3 lecture hours. 3, 3 credits. Restricted to theatre majors. Study and analysis of dramatic literature. First semester: Aeschylus through Shakespeare. Second semester: Corneille to Ibsen.

THEA 404. History of Dramatic Literature. 3 Hours.

Semester courses; 3 lecture hours. 3, 3 credits. Restricted to theatre majors. Study and analysis of dramatic literature. First semester: Aeschylus through Shakespeare. Second semester: Corneille to Ibsen.

THEA 405. Advanced Scene Design I. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 306. Enrollment is restricted to theatre majors. This course will focus on the design of multiscene productions with particular attention to moving scenery and storytelling.

THEA 406. Advanced Scenic Design II. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 405. Enrollment is restricted to theatre majors. This advanced course will focus on design for opera, film and/or television. In each case students will conduct research into the origin of the story being examined and adapt those stories to themes that resonate in the current culture. Through the refinement of sketching to rough models and drafting, a package will be assembled to suit the realization of the design.

THEA 407. Advanced Scenic Technique. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. Prerequisites: THEA 221 and permission of instructor. An intensive involvement in contemporary theory and practice of scenic techniques. Participation in departmental productions.

THEA 408. Advanced Scene Painting. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. Repeatable for a maximum of 12 credits. Practice of fundamental scene painting technique. Students will have the opportunity to study the materials and advanced techniques of scene painting, as well as the practices and expectations of a career in scenic artistry.

THEA 409. Advanced Technical Solutions. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 338. Enrollment is restricted to theatre majors. This course will examine real-world challenges that are tied to particular productions that are more complex than the typical theater production. Current productions of the department will be involved in the study if they contain issues of an advanced technical nature.

THEA 412. Acting for Camera. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. Prerequisite: THEA 313. Enrollment is restricted to theatre majors with a minimum 2.5 GPA in the major upon satisfactory audition or with permission of instructor. Students will learn techniques for approaching acting problems associated with performance in front of a camera.

THEA 413. Actor's Studio III. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. Prerequisite: THEA 314. Enrollment is restricted to theatre majors. Students will learn techniques for approaching specific acting problems associated with the performance of various classical acting styles.

THEA 415. The Business of Theatre. 4 Hours.

Semester course; 4 lecture hours. 4 credits. Open only to theatre majors upon completion of a satisfactory audition or with permission of instructor. An analysis and survey of beginning and maintaining a successful professional career in theatre, television and film, including information about contracts, unions, agents/managers, casting directors, taxes and other life strategies in order to develop a specific plan for the next steps after graduation.

THEA 416. Solo Performance. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. Prerequisite: THEA 314. Enrollment is restricted to theatre majors. An exploration of story and personal journey. Students will explore and interrogate a diverse range of solo-performance styles culminating in a solo performance of a "work-in-progress" of between 15 and 30 minutes presented to an audience.

THEA 417. Cabaret Storytelling. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 317. Enrollment is restricted to theatre majors upon completion of a satisfactory audition. An exploration of story and personal journey through song.

THEA 418. Advanced Acting for Camera. 3 Hours.

Semester course; 6 studio hours. 3 credits. Prerequisite: THEA 412. Enrollment is restricted to theatre majors. This class provides a continuation of acting on camera, preparing the student for work in various formats, including commercials, industrials, television (sitcoms, soap operas, episodic television) and film. Understanding the required professional behavior as well as the variations in acting technique in on-camera skills are emphasized. Students will learn techniques for approaching advanced acting problems associated with performance in front of a camera in these varying mediums. The course will use scene work and the final compiling of a demo reel to expand the knowledge of the field of acting on camera.

THEA 419. Professional Preparation. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Enrollment is restricted to theatre majors. This course examines aspects necessary for pursuit of a successful career in various branches of the theatre/film/television profession. Subjects covered include business models, unions, types of jobs available, proper resume preparation, cover letters and artistic statements, agents/managers, etc. The class culminates in the development of a specific plan for next steps after graduation.

THEA 420. Stage Management Seminar. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Prerequisite: THEA 435. This course will build upon the skills and knowledge learned in earlier stage management courses. Students will improve and refine their skills in leadership, problem-solving, stress management and conflict resolution, as well as prepare to join the professional industry. Students will learn about and from other industry professionals.

THEA 421. Advanced Costume Design Studio I. 3 Hours.

Semester course; 2 lecture and 2 studio hours. 3 credits. Prerequisites: THEA 321 and 322. Advanced studio course exploring the practice of the creative techniques and the practical standards of the industry developed by professional union costume designers.

THEA 422. Advanced Costume Design Studio II. 3 Hours.

Semester course; 2 lecture and 2 studio hours. 3 credits. Prerequisites: THEA 321 and 322. Advanced studio course exploring the practice of the creative techniques and business processes used according to the practical standards of the industry developed by professional union costume designers. During the semester students will create a digital interview-quality portfolio.

THEA 423. Modern Drama. 3 Hours.

Semester courses; 3 lecture hours. 3, 3 credits. Restricted to theatre majors. Intensive study of major continental and American plays.

THEA 424. Modern Drama. 3 Hours.

Semester courses; 3 lecture hours. 3, 3 credits. Restricted to theatre majors. Intensive study of major continental and American plays.

THEA 426. Advanced Dramatic Writing. 3 Hours.

Semester course; 3 lecture hours. 3 credits. May be repeated once for credit. Prerequisite: ENGL 303. A practical approach to the creation of original scripts for theatre or film. Crosslisted as: ENGL 433.

THEA 432. Stage Management: Music Theory. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Prerequisite: THEA 325 with a minimum grade of B. Open only to theatre majors. An in-depth analysis of music theory as it pertains to the opera and musical theatre fields.

THEA 433. Stage Management: Musical Theatre and Opera. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Prerequisite: THEA 325 with a minimum grade of B. Open only to theatre majors. An in-depth analysis of the specific techniques required to successfully stage-manage musical theatre and opera.

THEA 434. Stage Management: Maintaining and Remounting Productions. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Prerequisite: THEA 325 with a minimum grade of B. Open only to theatre majors. An in-depth analysis of the advanced techniques in stage management required to successfully maintain a long-running show and remount a previously realized production.

THEA 435. Advanced Stage Management. 3 Hours.

Semester course; 3 lecture hours. 3 credits. May be repeated for a maximum of six credits. Prerequisite: THEA 325. Enrollment is restricted to theatre majors. An analysis of the techniques necessary for a successful career as a stage manager, including studying resumes, interview skills, unions and other areas.

THEA 437. Advanced Lighting Design III. 3 Hours.

Semester course; 2 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 337 with a minimum grade of C. Course incorporates increasingly difficult texts, facilities and production styles and alternative venue and production styles, such as landscape lighting and concert. Use of industry standard technology and 3-D rendering is a focus in the class.

THEA 439. Advanced Patterning Techniques I. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisites: THEA 329 and 332. Garment patterning based on various historic periods. Projects emphasize creative solutions to patterning problems employing critical thinking. Skills learned in prerequisite courses will be practiced, developing competency as related to achieving fit, form and function of period garments within the limitations of a given design.

THEA 440. Theatre Projects. 3,6 Hours.

Semester courses; 1 or 2 lecture and 4 or 8 laboratory hours. 3 or 6 credits per semester. Open only to theatre majors. Individual or group projects in acting, directing, costume design, stage design or dramaturgy.

THEA 441. Theatre Projects. 3,6 Hours.

Semester courses; 1 or 2 lecture and 4 or 8 laboratory hours. 3 or 6 credits per semester. Open only to theatre majors. Individual or group projects in acting, directing, costume design, stage design or dramaturgy.

THEA 442. Advanced Patterning Techniques II. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 439. Garment patterning based on various historic periods. Projects emphasize creative solutions to patterning problems employing critical thinking. Skills learned in prerequisite course will be practiced and built upon, developing complex understructures for period clothing while practicing competency in patterning and building the period garments, which complement the fit, form and function of these period garments.

THEA 451. Rehearsal and Performance. 1-3 Hours.

Semester course; 2, 4 or 6 studio hours. 1, 2 or 3 credits. May be repeated for a maximum of six credits. Enrollment is restricted to theatre majors or by permission of instructor. Work in acting, stage management, design or technical areas within a TheatreVCU production.

THEA 469. Advanced Patterning Techniques III. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 442. Advanced patterning techniques centered on tailoring for students who have completed flat patterning and draping classes. This class explores modern and historical methods of tailoring; lining and finishing are emphasized for stage and costume use. The course assesses the student's competency in skills taught in previous course work.

THEA 470. Advanced Patterning Techniques IV. 3 Hours.

Semester course; 1 lecture and 3 studio hours. 3 credits. Prerequisite: THEA 469. Exploration of costume patterning with an emphasis on period patterning in a production setting, assessing the basic and advanced knowledge of draping and flatpatterning. This course provides students with intense production projects on VCU Mainstage productions synthesizing all aspects of patterning.

THEA 491. Topics in Theatre. 1-3 Hours.

Semester course; variable hours. 1-3 credits per semester. May be repeated for a maximum of 9 credits. Restricted to theatre majors. Flexible semester course in selected aspects of performance, theory, literature or history. See the Schedule of Classes for specific topics to be offered each semester.

THEA 492. Independent Study in Theatre. 1-3 Hours.

Semester course; variable hours. 1-3 credits per semester. May be repeated for a maximum of 9 credits. Prerequisites: senior standing as a major in theatre and approval of department chair and instructor. Individual instruction and supervision of a special project. Learning experiences should be designed with the supervising faculty member in the form of a contract between student and instructor. This course is limited to those students who have demonstrated an exceptional level of ability and intense commitment to their discipline.

THEA 493. Professional Internship. 3-9 Hours.

Semester courses; 3-9 credits. Restricted to theatre majors. A practicum in theatre conducted in cooperation with selected professional or semi-professional theatre organizations.

THEA 494. Professional Internship. 3-9 Hours.

Semester courses; 3-9 credits. Restricted to theatre majors. A practicum in theatre conducted in cooperation with selected professional or semi-professional theatre organizations.

THEA 495. Senior Project: Portfolio Review. 1 Hour.

Semester course; 1 lecture hour. 1 credit. Prerequisites: senior standing and a minimum of 18 credits in 300- or 400-level major courses. Restricted to theatre majors. A capstone experience integrating resume preparation and professional development within the field of theatre. Documentation of creative activities and achievements accumulated during theatre studies is compiled for a portfolio review.

THEA 501. Basic Voice and Speech Pedagogy. 3 Hours.

Semester course; 3 credits. Exploration of methodologies used in teaching basic principles of body alignment, breath support, resonance and dynamics of voice and speech. A review of IPA as it applies to American speech and dialect study.

THEA 503. Periods and Practices in Costume History I. 3 Hours.

Semester course; 3 lecture hours. 3 credits. A study of the cultural and social implications of costume history, design and production by specific design technologies from antiquity to 1800. Work includes costume shop work with fabrics as well as studio work with the interaction of lighting and fabrics.

THEA 504. Periods and Practices in Costume History II. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Prerequisite: THEA 503. This course continues work in the study of the cultural and social implications of costume history, design and production by specific design technologies from 1800 to the present. The course will include additional work with ongoing main stage productions. Work includes costume shop work with fabrics as well as studio work with the interaction of lighting and fabrics.

THEA 505. Advanced Scene Design III. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. Prerequisites: THEA 306 and permission of instructor. Intensive study of the professional standards and practices expected of scene designers.

THEA 506. Advanced Scene Design IV. 3 Hours.

Semester course; 1 lecture and 4 studio hours. 3 credits. Prerequisites: THEA 505 and permission of instructor. Continued intensive study of the professional standards and practices expected of scene designers.

THEA 508. Scene Painting. 3 Hours.

Semester course; 10 studio hours. 3 credits. May be repeated with permission of instructor for up to 12 credits. Study of the materials and techniques of scenic painting as well as the practices and expectations of those pursuing careers as scenic artists.

THEA 509. Theatre History and Historiography. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Study of modern theatre practice, dramatic literature and theory coupled with the study of applicable methodologies and historical writings as evidence in the development of performance and performance scholarship.

THEA 514. Graduate Acting. 3 Hours.

Continuous courses; 6 studio hours. 3-3 credits. Graduate-level studio performance courses that utilize monologues and scenes as a venue to explore rotating topics in performance technique which may include Constantin Stanislavski, Michael Chekov, Uta Hagen, Sanford Meisner and Stella Adler.

THEA 517. Physical Acting. 3 Hours.

Semester course; may be repeated for a total of 12 credits. Prerequisite: Permission of instructor. Exploration and discovery of the principles of movement and their practical application to the stage. Emphasis on character development, solo and group scene work, physical comedy, and stage combat.

THEA 518. The Pedagogy of Movement. 3 Hours.

Semester course; 6 studio hours. 3 credits. Exploration of the principles of teaching movement and its practical application to the stage, with special emphasis on the links between physical theatre and the vocabulary of the Stanislavski system of acting.

THEA 593. Professional Internship. 3-9 Hours.

Semester course; 3-9 credits. May be repeated. Prerequisite: Permission of department chair. Majors only. A practicum in theatre conducted in cooperation with selected professional or semiprofessional theatre organizations.

THEA 600. Introduction to Performance Studies. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Interdisciplinary and multicultural study of cultural, social and aesthetic structures of performance.

THEA 601. Advanced Voice and Speech Pedagogy: Shakespeare. 3 Hours.

Semester course; 3 lecture hours. 3 credits. An exploration of a variety of methodologies used in teaching the speaking of Shakespeare's texts. Focus on scansion, rhetorical devices, full voicing and support of Shakespeare's language for the stage.

THEA 602. Advanced Topics in Voice and Speech Pedagogy. 3 Hours.

Semester course; 3 lecture hours. 3 credits. An exploration of a variety of specialty topics which may include but is not limited to vocal extremes, archetypes and the voice, voice in the out of doors.

THEA 603. Dramatic Literature and Theory. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Multicultural study of selected plays in the history of dramatic literature, criticism and theory.

THEA 604. Modern Theatre: Theory and Practice. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Seminar in the performance practices, texts and theories that have shaped the theatre throughout the 20th century.

THEA 605. Advanced Studies in Stage Design. 3 Hours.

Continuous courses; 1 lecture and 4 studio hours. 3-3 credits. Prerequisite: Permission of instructor. An advanced study in specific problems in stage design.

THEA 606. Advanced Studies in Stage Design. 3 Hours.

Continuous courses; 1 lecture and 4 studio hours. 3-3 credits. Prerequisite: Permission of instructor. An advanced study in specific problems in stage design.

THEA 608. Problems in Scenic Techniques. 3 Hours.

Continuous courses; 1 lecture and 4 studio hours. 3-3 credits. Prerequisite: Permission of instructor. An advanced, detailed study of selected problems in contemporary theory and practice of scenic techniques.

THEA 609. Seminar in Production Process. 3 Hours.

Semester course; 1 lecture and 4 laboratory hours. 3 credits. May be repeated with different topics for a maximum of 9 credits. Students and faculty in design, technical theatre, and performance working together in studio situations to identify and solve problems relating to the planning, preparation, and realization of productions.

THEA 610. Proseminar in Text and Performance. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Study of how theatre history is documented and researched, and the theoretical perspectives that inform its writing.

THEA 614. Pedagogy of Acting. 3 Hours.

Semester course; 3 lecture hours. 3 credits. This course guides students through creating and implementing a curriculum appropriate for a beginning acting class. Discussions of acting theory and teaching practice are interspersed with teaching demonstrations complete with peer feedback and instructor critique.

THEA 617. Special Topics in Physical Acting. 3 Hours.

Semester course; 6 studio hours. 3 credits. Rotating topics in physical acting, which may include mask, mime, physical comedy, clowning and other approached to physical theatre.

THEA 618. Special Topics in Choreography and Directing. 3 Hours.

Semester course; 6 studio hours. 3 credits. Rotating topics in choreography and directing, which may include dance, stage combat, battle scenes, musicalized movement and other choreographic scenes.

THEA 619. Theatre Pedagogy. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Theory and practice in the teaching of college-level theatre.

THEA 621. Problems in Costume Design. 3 Hours.

Semester courses; 2 lecture and 2 studio hours. 3, 3 credits. May be repeated. Prerequisite: Permission of instructor. An advanced study in specific problems in costume design.

THEA 622. Problems in Costume Design. 3 Hours.

Semester courses; 2 lecture and 2 studio hours. 3, 3 credits. May be repeated. Prerequisite: Permission of instructor. An advanced study in specific problems in costume design.

THEA 630. Production. 3 Hours.

Semester course; 6 laboratory hours. 3 credits. May be repeated. The design, rehearsal, and performance of dramatic works.

THEA 640. Advanced Theatre Projects. 3 Hours.

Semester course; 1 lecture and 4 laboratory hours. 3 credits. May be repeated for total of nine credits. Enrollment requires permission of the graduate director. Individual or group projects in acting, directing, costume design, stage design or dramaturgy. Projects may include design and performance related work.

THEA 641. Advanced Theatre Projects and Evaluation. 3 Hours.

Semester course; 1 lecture and 4 laboratory hours. 3 credits. May be repeated for a total of six credits. Prerequisite: THEA 640. Individual or group projects in acting, directing, costume design, stage design or dramaturgy. This course also provides students with one-on-one evaluation with thesis chair and thesis committee members.

THEA 651. Individual Study in Graduate Design. 3 Hours.

Semester course; 1 lecture and 4 laboratory hours. 3 credits. Prerequisite: permission of instructor. May be repeated. Intensive individual training in design and presentation processes as they apply to contemporary professional production.

THEA 661. Graduate Direction. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Graduate-level studio course designed to introduce students to concepts involved in play direction, including play analysis, composition, blocking, style and form. Exercises and projects will reinforce elements discussed in class and include opportunities for stage work complete with peer feedback and instructor critique.

THEA 693. Colloquium and Practical Training. 3 Hours.

Semester course; 2 lecture and 2 studio hours. 3 credits. May be repeated for a maximum of 12 credits. Literary, historical, and theoretical studies together with specialized voice and movement training related to dramatic works in production.

THEA 694. Theatre Pedagogy Professional Internship. 1-6 Hours.

Semester course; 1 or 3 lecture hours. 1, 3 or 6 credits. May be repeated. Prerequisites: THEA 519 and permission of the graduate adviser in theatre. Research, design, and either implementation or thoroughly planned implementation of a curricular research and development project of relevance to a formal speech and/or theatre pedagogy program.

THEA 696. Dramaturgy. 3 Hours.

Semester course; 3 lecture hours. 3 credits. Study of the function of the dramaturge in the American theatre. Readings, research and practical exercises for production dramaturgy of classic and contemporary plays.

THEA 697. Research and Special Problems in Theatre. 1,3 Hour.

Semester course; 1 or 3 credits. May be repeated with permission of graduate adviser. Individually directed study and research under faculty supervision on approved research problems or projects in theatre.

THEA 791. Seminar in Special Issues in Theatre. 1-3 Hours.

Semester course; variable hours. 1-3 credits. May be repeated for a maximum of 12 credits. Additional credits may be taken with permission of the graduate directory. Prerequisite: permission of instructor. An advanced, detailed study of selected contemporary issues not included in the regular curriculum. See the Schedule of Classes for specific topics to be offered each semester.

THEA 799. Thesis. 1-6 Hours.

Semester course; 1-6 credits. May be repeated. Prerequisite: Permission of the department graduate studies adviser and department chair. Preparation of a thesis based on independent research.