

**ACC 360 Accounting Coop Edu / Internship Credit 3**  
 Co-ops and internships are on the job experiences in the area of accounting in business or government that serve as a laboratory for integrating the theoretical with practical experiences. Co-ops are for six months duration and worth up to 6 credits, whereas internships are for summer employment and worth up to 3 credits. Students may arrange for Co-ops or internships in their junior and senior year. Prerequisite: ACC 204 & permission of the department chairperson.

<b>20003(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>
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**APS 399 Atmospheric & Planetary Science Seminar Credit 1**  
 A seminar class on a topic related to space, earth, and atmospheric sciences. Faculty, students and invited speakers will prepare and present material related to the topic. May be repeated for a total of up to 3 credits.

<b>20199(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>
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**APS 401 Atmospheric & Planetary Science Research Credit 3**  
 Students will perform geoscience research with a mentor. The student will be responsible for writing a short proposal on an atmospheric research project, gathering the necessary data, writing a short research paper, and presenting the research to their peers and interested faculty and staff at departmental colloquia. Co-requisite: APS/SEA 307, 350, 351 or CHE 509.

<b>20198(31)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>
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**APS 697 APS Research Credit 1-12**  
 Research on problems leading to a thesis or dissertation. A total of no more than 6 hours of APS 697 research will be given a letter grade; all other credits hours will be graded as Satisfactory/Unsatisfactory.

<b>20202(31)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>
<b>20203(32)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>
<b>20204(35)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>
<b>20205(36)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>
<b>20206(37)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>

**APS 797 APS Dissertation Research Credit 1-12**  
 Research on problems leading to a thesis or dissertation. A total of no more than 6 hours of APS 797 research will be given a letter grade; all other credit hours will be graded as Satisfactory / Unsatisfactory.

<b>20207(31)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20208(32)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20209(33)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20210(34)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20224(35)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>

**ARC 305 International Urban Travel Studio VII (France) Credit 3**  
 An internationally based experience in design, theory, and the history of architecture and urbanism. Topics include theories of urban form, design in the historical context, architectural histories particular to location, the relation of architecture and urbanism to the social and cultural setting, and freehand drawing and sketching. Prerequisites: ARC 101, 102, 200, 201, 202, 203, 204, 207, 208, 213, 303, 304, 317 and MAT, 118, PHY 201.

<b>20252(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20253(31)</b>	<b>Session 1</b>	<b>00/01 - 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>

**ARC 306 International Urban Travel Design Studio VIII Credit 3**  
 Urban design studio for a project studied while traveling. Students will work in collaboration to develop a proposal for a quarter of a city visited in ARC 305. Prerequisites: ARC 101, 102, 200, 201, 202, 203, 204, 207, 208, 213, and 303; MAT 118; PHY 201.

<b>20262(30)</b>	<b>Session 11 (Canada)</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20228(31)</b>	<b>Session 11 (France)</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>

**ART 501 Special Project in Art I Credit 1-4**  
 Individual projects in studio art selected by the student for advance investigation with the written approval of the chairperson. May not duplicate existing course. May be repeated.

<b>20021(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>10:00 - 11:50</b>	<b>AS 203</b>
<b>20057(31)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>12:00 - 1:50</b>	<b>AS 203</b>

**ART 502 Special Project in Art II Credit 1-4**

Individual projects in studio art selected by the student for advance investigation with the written approval of the chairperson. May not duplicate existing courses. May be repeated.

20022(30) Session 11 06/16 – 07/24 M T W R F TBA AS 203

**BIO 101 Nature of Life Credit 3**

A non-major course in biology wherein fundamental processes and mechanics of living things are discussed within the framework of a unified theory of life. Special emphasis will be given to topical themes that relate biological principles to contemporary issues in science, technology and society.

20175(30) Session 11 06/16 – 07/24 M T W R 8:00 - 9:50 DU 314

**BIO 105 Introduction to Biology 1 Credit 4**

A two-semester course that will introduce students to principles of organic evolution, molecular biology, cell structure and function, genetics, reproduction and development; the role of evolution in structuring the diversity of life, common and diverse solutions to the problems of survival, the interactions between individuals, populations and the environment.

20298(30) Session 11 06/16 - 07/24 M T W R 10:00 - 11:50 DU 109

20299(79) (Lab) Session 11 06/16 - 07/24 M W 1:00 - 2:50 DU 311

**BIO 106 Introduction to Biology II Credit 4**

A two-semester course that will introduce students to principles of organic evolution, molecular biology, cell structure and function, genetics, reproduction and development; the role of evolution in structuring the diversity of life, common and diverse solutions to the problems of survival, the interactions between individuals, populations and the environment.

20173(30) Session 11 06/16 - 07/24 M T W R 9:00 - 10:50 DU 103

20174(79) (Lab) Session 11 06/16 - 07/24 M W 1:00 – 2:50 DU 209

**BIO 224 Anatomy & Physiology 1 Credit 4**

A two-semester course which deals with essentials of human anatomy in relation to functions of the organ systems.

Prerequisite: BIO 103 or BIO 105 and BIO 106.

20400(30) Session 1 06/01 – 06/26 M W F 2:00 – 2:50 DU 110

**BIO 407 Special Projects Credit 2-4**

Introduction to problems on special phases of biology. Prerequisites: Advanced standing and consent of instructor.

20220(30) Session 1 06/01 – 06/26 M T W R F 10:00 – 11:50 DU 108

**\*\*BIO 408 Research Problems Credit 2-4**

Participation in research project in collaboration with faculty supervisor, or on original independent research problem.

Prerequisite: advanced standing. **\*\* Enroll by Permission of Instructor\*\***

20393(32) Session 1 06/01– 06/26 TBA TBA TBA

20195(31) Session 111 06/29 – 07/24 TBA TBA TBA

**BIO 505 Research Problems Credit 1 -6**

Designed primarily for senior level undergraduate and first year graduate students. Emphasis will be placed upon laboratory oriented studies and projects. Prerequisite: Consent of the department chair.

20408(35) Session 1 06/01 – 06/26 TBA TBA TBA

20219(30) Session 11 06/16 – 07/24 TBA TBA TBA

20339(32) Session 11 06/16 – 07/24 TBA TBA TBA

**BIO 650 Research Topic in Biology Credit 3-6**

Emphasis upon materials, techniques, and subject-matter content that may form the basis for a thesis problem.

Prerequisite: Consent of department chairperson.

20379(30) Session 1 06/01 - 06/26 TBA TBA TBA

**CDS 425 Supervised Experience in Speech Pathology and Audiology I Credit 4**

Experience in schools and clinics with emphasis on recognition, diagnosis and treatment of speech in diverse populations. Emphasis on report writing and sensitivity to cultural differences across caseloads. Students must accumulate supervised clock hours while demonstrating application of professional practices. Prerequisite: CDS 315 and 316.

20425(30) Session 11 06/16 – 07/24 M T W R F 8:00 – 12:00 ST 214

<b>CDS 618</b>	<b>Advanced Clinical Practicum</b>	<b>Credit 1-3</b>
Supervised experience in schools, clinics and hospitals, with emphasis on screening, diagnosis, and treatment of speech, language, voice and fluency disorders. Course work involves the study of theories, principles and approaches used in diagnosis /remediation of communication disorders and applications of research techniques in speech / language therapy.		
<b>20027(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24 M T W R F 8:00 - 1:50 ST 321</b>
<b>20028(31)</b>	<b>Session 11</b>	<b>06/16 - 07/24 M T W R F 8:00 - 1:50 ST 321</b>
<b>CDS 622</b>	<b>Family Intervention Strategies in Communication Disorders</b>	<b>Credit 3</b>
Study of principles, theories and approaches to intervention with the communication disordered and their families. Students must participate in a supervised experience in counseling with parents/family members.		
<b>20029(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24 M W 2:00-4:50 ST 321</b>
<b>CDS 702</b>	<b>Graduate Comprehensive</b>	<b>Credit 1</b>
This credit will not count towards the degree. Prerequisites: Must have completed all course work for program of study, research project, and 350 supervised clock hours of clinical practicum.		
<b>20030(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24 TBA TBA TBA</b>
<b>CHE 101</b>	<b>General Chemistry 1</b>	<b>Credit 4</b>
A one-year course in general chemistry, organic chemistry, and biochemistry to meet requirements for persons not majoring in chemistry. Co-requisite MAT 109.		
<b>20431(30)</b>	<b>Session 1</b>	<b>06/01 – 06/26 M T W R F 10:00 – 11:50 TU 331</b>
<b>20432(79) (Lab)</b>	<b>Session 1</b>	<b>06/01 – 06/26 T R 1:00 - 3:50 TU 209</b>
<b>CHE 114</b>	<b>Intro to Research Topics in Chemistry</b>	<b>Credit 1-3</b>
Designed for freshman level undergraduates. Emphasis will be placed upon introduction to areas of chemistry research, regular attendance at appropriate seminars, techniques of literature searches, and back ground study. This course may be taken twice. Prerequisite: Consent of the department chairperson. "Graded on S/U basis only".		
<b>20062(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24 TBA TBA TBA</b>
<b>CHE 201</b>	<b>General Chemistry and Qualitative</b>	<b>Credit 4</b>
Detailed consideration of compounds, chemical equilibrium, and elementary qualitative analysis. Prerequisite for all subsequent chemistry courses. Prerequisite: A grade of "C" or better is required in CHE 201 before enrolling in CHE 202. Co-requisite: MAT 117-118.		
<b>20077(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26 M T W R F 10:00-11:50 TU 140</b>
<b>20078(79) (LAB)</b>	<b>Session 1</b>	<b>06/01 - 06/26 M W F 1:00 - 3:50 TU 209</b>
<b>CHE 202</b>	<b>General Chemistry and Qualitative</b>	<b>Credit 4</b>
Detailed consideration of compounds, chemical equilibrium, and elementary qualitative analysis. Pre-requisite for all subsequent chemistry courses. Prerequisite: A grade of "C" or better is required in CHE 201 before enrolling in CHE 202. Co-requisite: MAT 117-118.		
<b>20239(30)</b>	<b>Session 111</b>	<b>06/29- 07/24 M T W R F 10:00 - 11:50 TU 140</b>
<b>20090(79) LAB</b>	<b>Session 111</b>	<b>06/29 -07/24 M W R 1:00 - 3:50 TU 209</b>
<b>CHE 214</b>	<b>Basic Research Topics in Chemistry</b>	<b>Credit 1- 6</b>
Designed for sophomore level undergraduates. Emphasis will be placed upon introduction to basic techniques of conducting research and literature review, regular attendance at selected seminars, and directed work on a research project in chemistry. This course may be taken twice. Prerequisite: Consent of the research mentor. "Graded on S/U basis only".		
<b>20037(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24 TBA TBA TBA</b>
<b>CHE 301</b>	<b>General Organic Chemistry</b>	<b>Credit 4</b>
Systematic study of the sources, nomenclature, properties and uses of carbon compounds. Prerequisite: CHE 201-202, with a grade of "C" or better in each course for chemistry majors. At least a "C" is required in CHE 301 before enrolling in CHE 302.		
<b>20247(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26 M T W R F 10:00 - 11:50 DU 110</b>
<b>20248(79) Lab</b>	<b>Session 1</b>	<b>06/01 - 06/26 T W R 1:00 - 5:50 TU 303</b>
<b>20176 (31)</b>	<b>Session 1</b>	<b>06/01 - 06/26 M T W R F 10:00 - 11:50 TU 238</b>
<b>20177(80) Lab</b>	<b>Session 1</b>	<b>06/01 - 06/26 T W R 1:00- 5:50 TU 308</b>

**CHE 302 General Organic Chemistry Credit 4**  
 Systematic study of the sources, nomenclature, properties and uses of carbon compounds. Prerequisite: CHE 201-202, with a grade of "C" or better in each course for chemistry majors. At least a "C" is required in CHE 301 before enrolling in CHE 302.

<b>20249(30)</b>	<b>Session 111</b>	<b>06/29 - 07/24</b>	<b>M T W R F</b>	<b>10:00 - 11:50</b>	<b>DU 110</b>
<b>20250(79)</b>	<b>Lab Session 111</b>	<b>06/29 - 07/24</b>	<b>T W R</b>	<b>1:00 - 5:50</b>	<b>TU 303</b>
<b>20178(31)</b>	<b>Session 111</b>	<b>06/29 - 07/24</b>	<b>M T W R F</b>	<b>10:00 - 11:50</b>	<b>TU 238</b>
<b>20179(80)</b>	<b>Lab Session 111</b>	<b>06/29 - 07/24</b>	<b>T W R</b>	<b>1:00 - 5:50</b>	<b>TU 308</b>

**CHE 303 Introduction to Biochemistry Credit 4**  
 A two-semester introductory course sequence focusing on the study of chemical principles as they relate to molecular biology. Emphasis will be placed on the study of general principles of biochemistry, including the structure, properties, function of biomolecules. The laboratory component will focus on the use of established biochemical techniques to study biochemical processes and related molecular biology principles. Prerequisite: CHE 301-302, MAT 151-152 with a grade of "C" or better in all four.

<b>20427(30)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>M T W R F</b>	<b>10:00 – 11:50</b>	<b>DU 314</b>
<b>20428(79)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>M F</b>	<b>1:00 – 5:50</b>	<b>TU 308</b>

**CHE 304 Elementary Biochemistry Credit 4**  
 A two-semester introductory course sequence focusing on the study of chemical principles as they relate to molecular biology. Emphasis will be placed on the study of general principles of biochemistry, including the structure, properties, function of biomolecules. The laboratory component will focus on the use of established biochemical techniques to study biochemical processes and related molecular biology principles. Prerequisite: CHE 301-302, MAT 151-152 with a grade of "C" or better in all four.

<b>20429(30)</b>	<b>Session 111</b>	<b>06/29 – 07/24</b>	<b>M T W R F</b>	<b>10:00 – 11:50</b>	<b>DU 314</b>
<b>20430(79)</b>	<b>Session 111</b>	<b>06/29 – 07/24</b>	<b>M F</b>	<b>1:00 - 5:50</b>	<b>TU 308</b>

**CHE 314 Introduction to Chemical Research I Credit 3**  
 A two-semester course sequence designed to provide chemical research initiation and enrichment for junior chemistry majors. Emphasis is placed on the orientation of students to the general and specific objectives of research and to the use of research tools and techniques. Student will perform entry level research under close supervision.

<b>20038(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**CHE 315 Introduction to Chemical Research II Credit 3**  
 A two-semester course sequence designed to provide chemical research initiation and enrichment for junior chemistry majors. Emphasis is placed on the orientation of students to the general and specific objectives of research and to the use of research tools and techniques. Student will perform entry level research under close supervision.

<b>20039(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**CHE 414 Chemical Research Applications Credit 3**  
 A two-semester research course sequence for senior chemistry majors. It is the sequel to CHE 314-315. Accordingly, the course offers a more rigorous and comprehensive foundation in research fundamentals and techniques. To enroll, students must have completed the CHE 314-315 sequence. Students who take one or both courses of the CHE 414-415 sequence must also write a research paper. Both CHE 414 and CHE 415 meet for a minimum of 20 hours per week for a period of 4 weeks.

<b>20040(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**CHE 415 Chemical Research Applications Credit 3**  
 A two-semester research course sequence for senior chemistry majors. It is the sequel to CHE 314-315. Accordingly, the course offers a more rigorous and comprehensive foundation in research fundamentals and techniques. To enroll, students must have completed the CHE 314-315 sequence. Students who take one or both courses of the CHE 414-415 sequence must also write a research paper. Both CHE 414 and CHE 415 meet for a minimum of 20 hours per week for a period of 4 weeks.

<b>20041(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**CHE 650 Thesis Research Credit 2-6**  
 Emphasis upon materials, techniques, and subject-matter content that may form the basis for a problem. Prerequisite: Consent of department chairperson.

<b>20042(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20415(31)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>

20416(32)	Session 11	06/16 - 07/24	TBA	TBA	TBA
20426(33)	Session 11	06/16 - 07/24	TBA	TBA	TBA
<b>CHE 681</b>	<b>Thesis</b>				<b>Credit 4</b>
20043(30)	Session 11	06/16 – 07/24	TBA	TBA	TBA
<b>CHE 700</b>	<b>Thesis Registration</b>				<b>Credit 1</b>
20044(30)	Session 11	06/16 – 07/24	TBA	TBA	TBA
20433(31)	Session 11	06/16 – 07/24	TBA	TBA	TBA

**COM 103 Oral Communication Credit 3**

A one semester laboratory in oral communications integrated with the freshman communications program. Emphasis on principles of reasons, arrangement of ideas, establishment of personal style, discovery of material and investigation of various techniques of expression. Presentation of carefully prepared classroom assignments. Passing grade of C.

20025(36)	Session 11	06/16 - 07/24	M T W R F	8:00 - 9:15	AR 235
20026(38)	Session 11	06/16 - 07/24	M T W R F	11:00-12:15	AR 220
20023(30)	Pre-College	06/23 - 07/24	M T W R F	1:00 - 2:45	AR 221
20024(31)	Pre-College	06/23 - 07/24	M T W R F	10:00-11:45	AR 221
20052(33)	Pre-College	06/23 - 07/24	M T W R F	8:00 - 9:45	AR 221
20236(35)	Pre-College	06/23 - 07/24	M T W R F	8:00 - 9:45	AR 241
20237(37)	Pre-College	06/23 - 07/24	M T W R F	10:00-11:45	AR 241
20158(39)	Pre-College	06/23 - 07/24	M T W R F	1:00 - 2:45	AR 236

**COU 602 Abnormal Behavior & Psychopathology Credit 3**

An introductory study of principles of mental health, including prevention, intervention, consultation, education, and advocacy. Discussion of causes and processes in the development and treatment of mental disorders. Specific principles and models of biopsychosocial assessments, case conceptualization, and theories of human development and concepts of psychopathology leading to diagnoses and appropriate treatment plans will be discussed. Basic classifications, indications, and contraindications of psychopharmacological medications will be discussed.

20323(30)	Session 11	06/16 - 07/24	TBA	TBA	TBA
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**COU 610 Ethic & Legal Aspects of Counseling Graduate Credit 3**

Provides an overview of the history and philosophy of the counseling profession, including significant and events, professional roles, professional organizations and credentialing, advocacy, and ethical and legal standards. Provides and understanding of counseling and consultation processes to include characteristics and behaviors to influence helping processes, introduction to counseling theories and system perspectives along with legal perspectives. Multicultural and spiritual issues will be introduced and discussed. Discusses the integration of technological strategies and applications within counseling and consultation processes. Examines current system of intervention and engages student in analysis from the perspective of its usefulness to counseling. This course will include reflective exercises for self-assessment, experimental experiences with counselors and a growth model for professional development.

20079(30)	Session 1	06/01 - 06/26	T R	4:00-6:50pm	PH 207
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**COU 614 Community Mental Health & Welfare Credit 3**

Introduction of professionals to community social welfare and other agencies (private and public) functioning in the areas of family service, public and private assistance, mental hygiene, protective and correctional care, pastoral care, and health services. Course will focus on visiting and experiencing these diverse functions.

20126(30)	Session 1	06/01 – 06/26	M W	4:00-6:50pm	PH 208
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**COU 618 Counseling Practicum Credit 3**

Student must complete supervised practicum experiences that total a minimum of 100 clock hours. The practicum provides for the development of counseling skills under supervision. This practicum includes direct service with clients both in individual counseling and group work, weekly individual and group interaction with a supervisor, and a formal evaluation. Classes will be limited to approximately five students. Specific ethical and legal standards will be discussed. Prerequisite: COU 601 and 622.

20260(30)	Session 10 weeks	05/18 – 7/24	TBA	TBA	TBA
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**COU 620 Marriage & Family Counseling Credit 3**

A course in which the theories and techniques of marriage and family counseling are studied and the techniques are practice. Provides an overview of the history of marital, couple, and family counseling / therapy. A systems perspective

that provides an understanding of family and other systems theories and major models of family and related interventions will be introduced. Implications of professional issues and ethical and legal considerations specifically related to the practice of marital, couple, and family counseling / therapy will be discussed.

**20146(30)      Session 1      06/01- 06/26      M W      7:00-9:45pm      PH 208**

**COU 624      Theories of Learning Personality and Temperament      Credit 3**

Evaluation of major learning, personality, and temperament developmental theories, across the lifespan, cultures, ethnicities, race, socioeconomic status, and gender. Specific focus will be given to environmental factors influence on development and their influences on developmental outcomes such as behavior problems and cognitive development. Strategies for facilitating optimum development will be discussed.

**20147(30)      Session 1      06/01 - 06/26      T R      7:00-9:45pm      PH 208**

**COU 626      Crisis Intervention & Grief Counseling      Credit 3**

An overview of issues relating to crisis situations to include initial interventions through grief counseling. The course will discuss assessing and reacting to various crises involving suicide, homicide, intimate partner violence, sexual assault/abuse, bereavement / grief, substance abuse, natural disasters, war, and terrorism. Roles and responsibilities as a member of an interdisciplinary management response team will be discussed. Ethical issues will be discussed.

**20324(30)      Session 11      06/16 – 07/24      TBA      TBA      TBA**

**COU 631      Foundations of School Counseling      Credit 3**

History, philosophy, and current trends in school counseling and educational systems. Role, function, and professional identity of the school counselor in relation to the roles of other professional and support personnel in the school will be discussed. Introduces the role of racial, ethnic and cultural heritage, nationality, socioeconomic status, family structure, age, gender, sexual orientation, religious and spiritual beliefs, physical and mental status, and equity issues in school counseling. Critical analysis of techniques that are applicable to the school setting will be investigated. Experiential focus will be provided. Ethical and legal considerations related specifically to the practice of school counseling will be discussed and a focus on computer technology will be provided. Prerequisite: COU 622.

**20065(30)      Session 1      06/01 - 06/26      M W      4:00-6:45pm      PH 211**

**COU 633      Contextual Dimensions of School Counseling      Credit 3**

Advocacy for all students and for effective school counseling programs will be discussed. Coordination, collaboration, referral and team building efforts with all involved participants to promote and facilitate successful student development. Develop knowledge and understanding of community and institutional opportunities that enhance, as well as barriers that impede student academic, career, and personal / social success. Counseling techniques and advocacy programs will be discussed.

**20089(30)      Session 1      06/01 - 06/26      TBA      TBA      TBA**

**COU 635      School Counseling Classroom Management Curriculum      Credit 3**

Design of the curriculum, development of lesson plans, and differentiated instructional strategies will be discussed along with the principles of curriculum construction and their significance to curriculum planners. The relationship of the school counseling program to the academic mission of the school will also be discussed. Students will select and apply a model of curriculum evaluation. Effective classroom management strategies will be discussed, demonstrated and practiced with an emphasis on designing, implementing and evaluating strategies. Conscious discipline and differentiated instructional strategies will be discussed along with preventive, supportive and corrective discipline. The course addresses diverse approaches based upon behavioral, cognitive, affective, social and ecological theory and practice. Students will be expected to develop their own personal system of discipline.

**20241(30)      Session 1      06/01 - 06/26      TBA      TBA      TBA**

**COU 641      College Student Development      Credit 3**

Development, management and provision of personnel counseling services facilitating the growth and development of students during their college experience. Topics will include history and philosophy of student affairs; the purpose and function of student affairs in higher education; historical and contemporary theories of student affairs; characteristics of traditional and nontraditional students; and methods of needs analysis that are applicable to college student populations. Multicultural issues along with ethical and legal considerations will be discussed.

**20148(30)      Session 1      06/01 – 06/26      TBA      TBA      PH TBA**

**COU 642      Student Affairs Program      Credit 3**

Theories and models of organizational behavior along with leadership and approaches to organizational change will be discussed. Development of student leaders and procedures for promoting positive interpersonal relationships will be discussed. Discussion and development of models for designing, managing, and evaluating student affairs programs,

including the use of technological applications and systematic assessment techniques that can be used in a higher education environment. Multicultural issues along with ethical and legal considerations will be discussed. Experiential focus will be provided.

**20124(30)                      Session 1                      06/01 – 06/26                      M W                      7:00 – 9:45pm                      PH 207**

**COU 649                      College Student Development Internship Graduate                      Credit 1-6**

Student must complete a supervised internship of 600 clock hours that will only begin after completion of the required practicum. The internship will be for various credits during the semester to equal 100 clock hours for each credit. The number of credits must be approved and may be altered by academic advisor or Coordinator of the Graduate Program in Counseling. This internship will include a minimum of 240 clock hours of direct service with clients with supervision at an approved site. A formal evaluation will be performed. Classes will be limited to approximately six students. Specific ethical and legal standards will be discussed. This course may be taught in conjunction with practicum and/or internship courses. This is a pass/fail course.

**20325(30)                      10 week Session                      5/18 – 7/24                      W                      4:00 - 6:45pm                      TBA**

**COU 659                      Community Counseling Internship                      Credit 3**

Student must complete a supervised internship of 600 clock hours that will only begin after completion of the required practicum. The internship will be for various credits during the semester to equal 100 clock hours for each credit. The number of credits must be approved and may be altered by academic advisor or Coordinator of the Graduate Program in Counseling. This internship will include a minimum of 240 clock hours of direct service with clients with supervision at an approved site. This internship will include the opportunity to develop program appropriate audio and/or videotapes of students' interactions with clients for use in supervision. A formal evaluation will be performed. Classes will be limited to approximately five students. Specific ethical and legal standards will be discussed. This is a pass/fail course.

Prerequisite: COU 618.

**20257(30)                      10 week Session                      05/18 – 07/24                      TBA                      TBA                      TBA**

**COU 664                      Community Mental Health Internship                      Credit 3**

Student must complete a supervised internship of 300 clock hours that will only begin after completion of the required community agency internship. This internship will include a minimum of 120 clock hours of direct service with clients with supervision at an approved site. A formal evaluation will be performed. Classes will be limited to approximately five students. Specific ethical and legal standards will be discussed. This course may be taught in conjunction with practicum and/or internship courses. This is a pass/fail course. Prerequisite: COU 659.

**20258(30)                      10 week Session                      05/18 – 07/24                      TBA                      TBA                      TBA**

**COU 698                      Counseling Internship                      Credit 3**

Student must complete a supervised internship of 300 clock hours that will only begin after completion of the required practicum. This internship course will be used as an addendum to other Internship courses to allow the student flexibility in attaining the required 600 clock hours and the 6 semester hour credits. The number of credits must be approved and may be altered by academic advisor or Coordinator of the Graduate Program in Counseling. The overall internship will include a minimum of 240 clock hours of direct service with clients with supervision at an approved site. The overall internship will include the opportunity to develop program appropriate audio and/or videotapes of students' interactions with clients for use in supervision. A formal evaluation will be performed. Classes will be limited to approximately five students. Specific ethical and legal standards will be discussed. This course may be taught in conjunction with practicum and /or internship courses. This is a pass/fail course. Prerequisite: COU 618.

**20259(30)                      10 week Session                      05/18 – 07/24                      W                      4:00 - 6:45pm                      TBA**

**COU 702                      Graduate Comprehensive                      Credit 1**

This examination is pass / fail

**20217(30)                      Session 1                      06/01 – 06/26                      TBA                      TBA                      TBA**

**COU 710                      Ethics and Legal Aspects of Counseling                      Credit 3**

Ethical issues involved in counseling practice will be discussed. Studies of recent procedures of the Virginia Department of Health Professions adjudication cases will be conducted. If available, visits to the Virginia Department of Health Professions will be made to observe procedures.

**20212(30)                      Session 1                      06/01 – 06/26                      TBA                      TBA                      TBA**

**COU 722                      Advanced Counseling Theory and Techniques                      Credit 3**

Foundations of mental health counseling will be discussed to include ethical and legal considerations (AMHCA Code of Ethics). Critical review of theories and practice of the techniques and principles of counseling will be conducted. Career

development, group work, crisis/disaster response, systems and consultation will be discussed. Evaluation of counseling effectiveness will be discussed.

**20320(30)                      Session 1    06/01 – 06/26    TBA    TBA    TBA**

**COU 801                      Counseling Leadership & Advocacy    Credit 3**

Theories, skills, and models of counseling leadership and advocacy will be discussed. Multicultural issues as they relate to social change theories and current topical and political issues in counseling will be discussed.

**20213(30)                      Session 1    06/01 - 06/26    TBA    TBA    TBA**

**COU 823                      Theories of Counseling Education    Credit 3**

Topics will include theories and practice of instructional theory and methods relevant to counselor education. Pedagogy relevant to current social and cultural issues will be discussed.

**20327(30)                      10 week Session    5/18 – 7/24    TBA    TBA    TBA**

**CSC 100                      Problem Solving in Computer Science    Credit 3**

Explores the role of software, software paradigms, and software systems. Emphasis on specification and analysis of problems, designing solutions to problems, and the testing of problem solutions. Introduces fundamental concepts of computer organization and operation. Examines hardware (processor, keyboard, disk drives, and printers), operating systems, and editors.

**20266(33)                      Pre-College/Summer Bridge    06/23 - 07/24    M T W R F    1:00 - 2:45    ST 126**

**CSC 120                      Introduction to Computers    Credit 3**

This course helps the student understand how computers can be used to enhance his or her personal, academic or professional life. A hands-on approach is used to introduce students to various software packages for word processing, spreadsheet applications, and database management. **(Need approval from the Chair to take this class).**

**20118(EK)                      8 week Session    06/01- 07/24    TBA    TBA    TBA**

**CSC 120                      Introduction to Computers    Credit 3**

This course helps the student understand how computers can be used to enhance his or her personal, academic or professional life. A hands-on approach is used to introduce students to various software packages for word processing, spreadsheet applications, and database management.

**20010(34)                      Session 11    06/16 - 07/24    M T W R F    11:00-12:15    ST 103**

**20292(35)                      Session 11    06/16 - 07/24    M T W R F    2:00- 3:15    ST 103**

**CSC 300                      Co-op Work-Study    Credit 6**

Employment or training program in government or industry in which student makes significant use of computer science skills. Prerequisites CSC 205, 252, and permission of department chairperson.

**20011(30)                      Session 11    06/16 - 07/24    TBA    TBA    TBA**

**CSC 700                      Thesis Registration    Credit 1**

**20012(30)                      Session 11    06/16- 07/24    TBA    TBA    TBA**

**CSC 702                      Master’s Comprehensive Examination    Credit 1**

This credit will not count towards the degree. Graded S/U only.

**20263(30)                      Session 1    06/01 – 06/26    TBA    TBA    TBA**

**ECO 201                      Principles of Macroeconomics    Credit 3**

A first course on modern market economies. Emphasizes the determination of national income, fluctuations, and growth; the monetary system; the problems of inflation and unemployment; and international trade.

**20436(30)                      Session 1    06/01 – 06/26    M T W R F    10:00 – 11:50    BU 210**

**ECO 202                      Principles of Microeconomics    Credit 3**

Second principles course on basic tools of market and price theory and their applications to the operations of firms, the consumption and work choices of individuals, and the effects of government taxes and policies.

**20437(30)                      Session 1    06/01 – 06/26    M T W R F    12:00 – 1:50    BU 210**



**ECO 400 Independent Study Credit 3**

Individual and original primary research in economics under the guidance of department faculty. Prerequisites: Senior status & approval of the Program Director.

**20160(31) Session 1 06/16 – 07/24 TBA TBA TBA**

**EDU 295 Learning to Learn Credit 3**

Designed to enhance student skills in generating questions, reading for comprehension, scheduling course work, developing strategies for studying for examinations, writing to answer questions, and writing term papers.

**20051(30) Pre-College/Summer Bridge 06/23 - 07/24 M T W R F 1:00 - 2:45 MK 113**

**EGR 101 Introduction to Engineering Credit 2**

An introduction to professions in engineering. Exposure to fundamental engineering concepts, decision making, and problem solving techniques. Discussion of units and dimensions. Introduction to data presentation and error analysis. Solution of simple engineering problems. Prerequisite: MAT 117.

**20322(30) Pre-College /Summer Bridge 06/23 – 07/24 M T W R F 10:00 - 11:45 OL 128**

**EGR 291 Basic Research Topics in Engineering Credit 1-6**

Designed for sophomore level undergraduates. Emphasis will be placed upon introduction to basic techniques of conducting research and literature review, regular attendance at selected seminars, and directed work on a research project in engineering. This course may be taken twice. Prerequisite: Consent of the research mentor.

**20311(30) Session 11 06/16 – 07/24 TBA TBA TBA**

**EGR 391 Intermediate Research Topic in Engineering Credit 1-9**

Designed for junior level undergraduates. Emphasis will be placed upon conducting directed research in engineering with a designated research mentor and regular attendance at selected seminars. Review basic literature search techniques. This course may be taken twice. Prerequisite: Consent of the research mentor.

**20312(30) Session 11 06/16 – 07/24 TBA TBA TBA**

**EGR 491 Senior Research Topics in Engineering Credit 1-12**

Designed for senior level undergraduates. Emphasis will be placed upon participating in an independent research project or making a major contribution to departmental research with a designated research mentor. The student will produce a publication quality research report or thesis. Regular attendance at the engineering seminar series is also required. This course may be taken twice. Prerequisite: Consent of the research mentor.

**20314(31) Session 11 06/16 - 07/24 TBA TBA TBA**

**20315(32) Session 11 06/16 - 07/24 TBA TBA TBA**

**ENG 100 Fundamental Writing Credit 3**

A one semester course specifically designed for those students who before proceeding to ENG 101 could benefit from a concentrated review of grammar, mechanics, sentence structure, usage, and the development of fundamental writing skills. These students are placed and/or other available data. Offered on an S/U basis, this course does not count toward the English requirement of general education. Before enrolling in ENG 101, students must pass ENG 100 at the "S" level.

**20200(33) Pre-College/Summer Bridge 06/23 - 07/24 M T W T R 10:00 - 11:45 AR 235**

**ENG 101 Written Communication I Credit 3**

Introductory sequence in composition, contributing to the liberal education of students, regardless of their majors. Approaches writing as a process & provides experience in writing with various aims and rhetorical strategies. ENG 101 emphasizes the expressive and expository aims. ENG 102, focusing upon the persuasive and literary aims, includes the development of a research paper. Prerequisites: Satisfactory completion ("S") of ENG 100 (for those placed in this course) is a pre-requisite for ENG 101; satisfactory completion of ENG 101 ("C" or better) is a prerequisite for ENG 102.

**20075(30) Pre-College 06/23 - 07/24 M T W R F 8:00 - 9:45 AR 220**

**20031(31) Pre-College 06/23 - 07/24 M T W R F 10:00 - 11:45 AR 115**

**20056(33) Pre-College 06/23 - 07/24 M T W R F 1:00 - 2:45 AR 214A**

**20032(36) Pre-College 06/23 - 07/24 M T W R F 8:00 - 9:45 AR 214A**

**20156(38) Pre-College 06/23 - 07/24 M T W T F 1:00 - 2:45 AR 220**

**20033(39) Pre-College 06/23 - 07/24 M T W R F 10:00 -11:45 AR 338**

**20034(41) Pre-College 06/23 - 07/24 M T W R F 1:00 - 2:45 AR 235**

**20035(42) Pre-College 06/23 - 07/24 M T W R F 10:00 -11:45 AR 236**

**20063(45) Pre-College 06/23 - 07/24 M T W R F 3:00 - 4:45 AR 214A**

**\*\*ENG 102          Written Communication II          Credit 3**

An introductory sequence in composition, approaching writing as a process providing students with experience in writing with various aims and rhetorical strategies. Focusing upon the persuasive and literary aims, ENG 102 includes the development of a research paper. Passing grade for Written Communications is "C".

<b>20036 (H30)</b>	<b>Pre-College/Summer Bridge</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>1:00-2:45</b>	<b>AR 115</b>
<b>20226 (H31)</b>	<b>Pre-College/Summer Bridge</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>3:00-4:45</b>	<b>AR 221</b>
<b>20328 (H32)</b>	<b>Pre-College/Summer Bridge</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>8:00-9:45</b>	<b>AR 115</b>

**\*\*Honors College Students Only\*\***

**ETR 435          Internship in Entrepreneurship          Credit 3**

Structured and intensive experiences with executive mentors intended to inculcate decision making and risk management skills. The internship experience and executive mentors must be pre-approved. The student and mentor will collaborate with a faculty advisor during the period of internship. Prerequisite: ENT 350.

<b>20082(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**ETR 460          Independent Study in Entrepreneurship          Credit 3**

Focuses on the development of small businesses after examining the opportunity, defining the business, & reviewing customer behaviors. Theory and experience are combined for individual and organizational development. Requires senior status and approval of program director.

<b>20101(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**FIN 304          Business Finance          Credit 3**

Study of concepts and techniques for determining the need, acquisition and management of financial resources of the firm. Introduction to analysis of financial statements. Prerequisites: ACC 203, MGT 215, ECO 201, MAT 117.

<b>20165(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>12:30-1:45</b>	<b>BU 206</b>
<b>20104(32)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>11:00-12:15</b>	<b>BU 206</b>

**FIN 360          Finance Coop Edu / Internship          Credit 3-9**

Co-ops and internships are on-the-job experiences in the area of finance in business or government to serve as a laboratory for integrating the theoretical with practical experiences. Co-ops are for a six month duration and worth up to 9 credits, whereas internships are for summer employment and worth up to 3 credits. Students may arrange for coops or internships in their junior and senior years. Pre-requisites: **Permission of the department chair.**

<b>20071(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**FIN 495          Independent Study          Credit 3**

Instructor directed independent study or research exploration in selected finance area topics. Pre-requisite: Senior standing and permission of the department chairperson.

<b>20127(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**HEA 211          First Aid, CPR and Safety          Credit 3**

Designed to provide background in the areas of First Aid, Cardiopulmonary resuscitation and basic concepts of safety. National Safety Council Standard First Aid and Cardiopulmonary Resuscitation certificates will be awarded upon successful completion of the course.

<b>20020(30)</b>	<b>Session 111</b>	<b>06/29 - 07/24</b>	<b>M T W R F</b>	<b>10:00-11:50</b>	<b>HO 163</b>
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**HIS 105          World Civilization I          Credit 3**

A lecture course that surveys development of human societies from the first literate, urban civilizations (3500 B.C) to the mid-18th century. Themes emphasized include economic, religious, intellectual, social (gender, race, age, etc.) political and military history.

<b>20072(31)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>12:30 -1:45</b>	<b>MLK 115</b>
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**HIS 106          World Civilization II          Credit 3**

A lecture course that survey the period from the French Revolution to the present. Emphasizes economic, religious, intellectual, social (gender, race, age etc.) political and military history.

<b>20017(31)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>9:30-10:45</b>	<b>MLK 103</b>
<b>20064(33)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>11:00-12:15</b>	<b>MLK 130</b>
<b>20070(34)</b>	<b>Pre-College</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>8:00-9:45</b>	<b>MLK 128</b>
<b>20152(35)</b>	<b>Pre-College</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>8:00-9:45</b>	<b>MLK 117</b>
<b>20153(36)</b>	<b>Pre-College</b>	<b>06/23 – 07/24</b>	<b>M T W R F</b>	<b>10:00-11:45</b>	<b>MLK 117</b>
<b>20066(37)</b>	<b>Pre-College</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>10:00-11:45</b>	<b>MLK 113</b>

**HIS 107**                      **Survey of African American History**                      **Credit 3**  
 A survey of Black experiences in the Americas from 1500 to the present. Includes material about peoples and institutions of pre-colonial Africa and the Atlantic slave trade.

<b>20125(31)</b>	<b>Session 111</b>	<b>06/29 - 07/24</b>	<b>M T W R F</b>	<b>3:00-4:50</b>	<b>MLK 130</b>
<b>20188(32)</b>	<b>Pre-College</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>1:00-2:45</b>	<b>MLK 101</b>
<b>20331(33)</b>	<b>Pre-College</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>1:00-2:45</b>	<b>MLK 129</b>

**HUM 201**                      **Humanities I**                      **Credit 3**  
 The first of a required two-semester interdisciplinary course that is organized around a theme, Enduring Human Values and Cultural Connections, and presented in a team-teaching context. The course introduces sophomore students to western and non-western cultural legacies through the study of works of art, music and literature from Antiquity through the Renaissance.

<b>20018(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>9:30-10:45</b>	<b>MLK 129</b>
<b>20392(31)</b>	<b>Pre-College</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>1:00 - 2:45</b>	<b>DU 109</b>

**HUM 202**                      **Humanities II**                      **Credit 3**  
 The first of a required two-semester interdisciplinary course that is organized around a theme, Enduring Human Values and Cultural Connections, and presented in a team-teaching context. The course introduces sophomore students to western and non-western cultural legacies through the study of works of art, music and literature from the late Sixteenth Century through the Twentieth Century.

<b>20019(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>12:30-1:45</b>	<b>TU 140</b>
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**JAC 110**                      **Intro to Media Writing**                      **Credit 3**  
 This course emphasizes proper grammatical structure and introduces writing styles and language skills needed by journalists and communications professionals. In this course students will be introduced to the basic writing formats for all forms of mass communication, including journalism, broadcasting, public relations, advertising and online media. Students learn methods of gathering information, including research techniques and interviewing. They develop language usage and grammar skills and learn Associated Press style. In this course emphasis is placed on critical thinking and students are introduced to the importance of writing on deadline. Required for all majors and minors.

<b>20164(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>8:00 - 9:15</b>	<b>SH 148</b>
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**JAC 460**                      **Independent Study in Journalism & Comm**                      **Credit 3**  
 This course is designed to meet the needs of the journalism and communications student who wishes to conduct independent research, develop a special academic project or fulfill other department requirements outside of the usual class structure. Prerequisites: Approval of a faculty sponsor to oversee the independent study. Students cannot apply more than six credit hours in independent study toward graduation requirements. **Need Permission of Instructor.**

<b>20073(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**JAC 465**                      **Internship in Journalism & Comm**                      **Credit 3**  
 This is a part-time placement in a professional setting for students to gain practical experience in their sequence. Course can be repeated one time for credit. Students cannot apply more than six credit hours in Internship and Practicum (JAC 467) towards graduation. Prerequisites: Junior or senior status and permission of the internship coordinator.

<b>20235(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20238(31)</b>	<b>Session 111</b>	<b>06/29 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>

**LAP 615**                      **Leadership Application Seminar**                      **Credit 1**  
 Continued development of leadership skill development and institutional opportunity development. Extensive corporate research, presentation and writing component. Prerequisites: LAP 515.

<b>20076(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**MAT 100**                      **Elementary Algebra**                      **Credit 3**  
 For students whose background and placement indicate a need for basic work. This course does not carry credit toward any degree at the University. Concepts to be covered include arithmetic review, linear equations and inequalities, polynomials, rational expressions and graphing. Entry level skills for MAT 109.

<b>20196(30)</b>	<b>Pre-College</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>8:00-9:45</b>	<b>DU 109</b>
<b>20255(31)</b>	<b>Pre-College</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>10:00-11:45</b>	<b>ST 311</b>
<b>20256(32)</b>	<b>Pre-College</b>	<b>06/23 - 07/24</b>	<b>M T W R F</b>	<b>1:00- 2:45</b>	<b>ST 312A</b>

<b>MAT 105</b>	<b>Intermediate Algebra</b>				<b>Credit 3</b>
Review of fundamental operations, algebraic fractions, ratio, proportion & variation, exponents and radicals, inequalities, relations and functions, quadratic equations. \$2.00 Fee.					
20045(30)	Pre-College	06/23 - 07/24	M T W R F	10:00-11:45	TBA
20163(31)	Pre-College	06/23 - 07/24	M T W R F	8:00- 9:45	ST 311
20046(32)	Pre-College	06/23 - 07/24	M T W R F	1:00- 2:45	ST 112
20412(33)	Pre-College	06/23 -07/24	M T W R F	10:00-11:45	ST 311
20413(34)	Pre-College	06/23 - 07/24	M T W R F	8:00- 9:45	DU 110
20145(48)	Pre-College	06/23 - 07/24	M T W R F	10:00- 11:45	DU 314

<b>MAT 109</b>	<b>College Math I</b>				<b>Credit 3</b>
Sets and simple logic. Solving linear, rational and quadratic equations, inequalities. Graphing linear equations and inequalities, quadratic equations. Ex-potential and logarithmic functions. Solving systems of equations. Linear programming. Prerequisite: MAT 100 or by placement.					
20189(30)	Pre-College	06/23 - 07/24	M T W R F	10:00 -11:45	ST 312B
20190(31)	Pre-College	06/23 - 07/24	M T W R F	8:00-9:45	ST 320
20191(35)	Pre-College	06/23 - 07/24	M T W R F	1:00-2:45	DU 314

<b>MAT 110</b>	<b>College Math II</b>				<b>Credit 3</b>
Mathematics of finance such as interest, installment buying, mortgage. Measurement, geometry and the metric system. Elementary concepts of probability and statistics. Prerequisite: MAT 109 or by placement.					
20113(30)	Session 11	06/16 - 07/24	M T W R F	12:30 - 1:45	ST 311
20159(31)	Pre-College	06/23 - 07/24	M T W R F	10:00-11:45	ST 105
20192(35)	Pre-College	06/23 - 07/24	M T W R F	1:00 - 2:45	DU 110

<b>MAT 117</b>	<b>Pre-Calculus I</b>				<b>Credit 3</b>
Functions and their graphs. Polynomial and rational functions, exponential and logarithmic functions. Systems of linear and nonlinear equations. Sequences and series. Prerequisite: MAT 105 or by placement.					
20048(32)	Session 11	06/16 - 07/24	M T W R F	11:00-12:15	ST 320
20227(35)	Pre-College	06/23 - 07/24	M T W R F	1:00-2:45	ST 320
20119(31)	Pre-College	06/23 - 07/24	M T W R F	10:00-11:45	ST 312A

<b>MAT 118</b>	<b>Pre-Calculus II</b>				<b>Credit 3</b>
Trigonometric functions and their inverses; Analytic trigonometry; Applications of trigonometry; Fundamentals of analytic geometry; Complex numbers and Polar Coordinates. Prerequisite: MAT 117 or by placement.					
20343(32)	Session 111	06/29 - 07/24	M T W R F	3:30 - 5:15	TBA
20326(31)	Pre-College	06/23 - 07/24	M T W R F	1:00 - 2:45	ST 311

<b>MAT 130</b>	<b>Calculus</b>				<b>Credit 3</b>
A one-semester course for students with an option or requirement for a course in calculus. Differentiation and integration of algebraic, exponential, and logarithmic functions. Applications from business, life, and social sciences. Prerequisite: MAT II7, or by placement.					
20050(31)	Session 11	06/16 - 07/24	M T W R F	8:00 - 9:15	DU 110

<b>MAT 205</b>	<b>Introduction to Statistics</b>				<b>Credit 3</b>
Descriptive statistics for ungrouped and grouped data. Concepts of probability. Random variables. Binomial and normal distributions. Sampling distributions. Correlation and regression. Hypothesis testing and estimation. Prerequisite: MAT 109 or above.					
20375(30)	Session 11	06/16 - 07/24	M T W R F	8:00 - 9:15	ST 104

<b>MAT 206</b>	<b>Mathematics Foundations</b>				<b>Credit 3</b>
Logic. Algebra of sets. Nature of mathematical proofs. Mathematical induction. Recursion. Elementary number theory. Relations and functions. Algebraic structure. Prerequisite: MAT 151 or above.					
20321(30)	Session 11	06/16 - 07/24	TBA	TBA	TBA
*****Need Dept. Chair Permission*****					

<b>MAT 300</b>	<b>Cooperative Work-Study Exp</b>				<b>Credit 3-12</b>
On-the-job training in a government or industrial organizations utilizing mathematical analysis or computer science in their operations. Prerequisite: Approval of the Department Chairperson.					
20102(30)	Session 11	06/16 - 07/24	TBA	TBA	TBA

<b>MAT 681</b>	<b>Thesis</b>				<b>Credit 4</b>
This course documents completion of the written Master's thesis and oral defense of that thesis					
<b>20086(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>MAT 695</b>	<b>Topics in Applied Math</b>				<b>Credit 1-9</b>
Covers some topics in applied mathematics based on the students' needs. Prerequisite: Approval of the department.					
<b>20087(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>10:00-11:45</b>	<b>AS 111</b>
<b>MAT 698</b>	<b>Research Problems</b>				<b>Credit 3</b>
Participation in research projects either in collaboration with faculty supervisor or independent research problem.					
Prerequisite: Approval of the department.					
<b>20068(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>MAT 699</b>	<b>Independent Study</b>				<b>Credit 1-9</b>
<b>20085(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>M T W R F</b>	<b>TBA</b>	<b>TBA</b>
<b>Need permission of Math Department Chair</b>					
<b>MAT 700</b>	<b>Thesis Registration</b>				<b>Credit 1</b>
<b>20069(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>MAT 702</b>	<b>Master's Comprehensive Exam</b>				<b>Credit 1</b>
This credit does not count towards the degree. Graded S/U only.					
<b>20088(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>MBA 211</b>	<b>Lower Division Internship</b>				<b>Credit 1</b>
Prerequisite MBA 203; Permission of Director and Internship coordinator. Full time affiliations as an intern with a School of Business Qualified corporation or firm.					
<b>20234(34)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20362(35)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20369(37)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20384(38)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20092(31)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20100(32)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20363(36)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20385(39)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20016(30)</b>	<b>Session 111</b>	<b>06/29 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20120(33)</b>	<b>Session 111</b>	<b>06/29 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>MBA 301</b>	<b>Critical Thinking I &amp; Strategy II</b>				<b>Credit 3</b>
The course is the second in a sequence to develop strategic thinking as an art of overcoming obstacles through the practice of devising strategies and actualizing plans. Intermediate chess analysis and advance case studies are utilized as a basis for critical strategy decision making.					
<b>20231(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>MBA 503</b>	<b>Financial Statement Analysis</b>				<b>Credit 3</b>
Presents an understanding of how financial statements provide information regarding an enterprise. An advanced study of methodology should help equip businesspeople to prepare, audit, or interpret financial information from the point of view of the primary users of financial statements; equity and credit analysts.					
<b>20277(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>MBA 506</b>	<b>Investment Analysis &amp; Portfolio Management</b>				<b>Credit 3</b>
The course is designed as an extensive survey of investments, including risk, returns, liquidity marketability and diversification. Expanded coverage of mutual funds, options and future markets. (*Need permission of Chair or Instr*)					
<b>20229(30)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20285(31)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>MBA 511</b>	<b>Graduate Internship</b>				<b>Credit 1</b>
Prerequisite: Graduate standing, permission of a director and certification by the internship office. Full-time affiliation as a graduate intern with a School of Business approved organization or corporation.					
<b>20093(31)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>

20053(30)	Session 111	06/29 - 07/24	TBA	TBA	TBA
20121(32)	Session 111	06/29 - 07/24	TBA	TBA	TBA

**MBA 513 System Analysis & Design Credit 3**

Presents the core set of skills for system development projects. Explores the four phases of planning, analysis, design and implementation. Reviews the analysis procedures to gather requirements, model the business needs and to create blueprint for system development. The course has extensive computer applications component.

20232(30)	Session 11	06/16 - 07/24	TBA	TBA	TBA
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**MBA 599 Independent Study 1 Credit 1 – 3**

Independent Study in methods used under the direct supervision of a graduate faculty member. Course requirements may include: case study research and technical report writing and/or scholarly research paper. (\*Need permission of Chair)

20230(30)	Session 1	06/01 – 06/26	TBA	TBA	TBA
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**MES 616 Research Problems I Credit 1**

Research on problems that could lead to a master's thesis in the environmental sciences.

20423(01)	Session 1	06/01 – 06/26	TBA	TBA	MS 124
20424(02)	Session 1	06/01 – 06/26	TBA	TBA	MS 124

**MGT 215 Principles of Statistical Analysis Credit 3**

Methods of collecting, organizing, presenting, analyzing, and interpreting business and economic data. These include descriptive statistical methods such as mean, standard deviation and distribution, and inferential statistical methods such as confidence interval, hypothesis testing, one way ANOVA and simple regression. Emphasis will be placed on the application of statistical analysis in decision making. Prerequisite: MAT 117.

20355(30)	Session 111	06/29 - 07/24	M T W R F	8:00 - 9:50	BU 210
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**MGT 216 Quantitative Methods Credit 3**

Techniques for Decision Making in Business including: correlation and multiple regression analysis; decision analysis; time series and indices; decision trees; applications of various linear programming methods. Algorithms will be applied to finance, advertising, transportation, marketing, accounting and management problems. Use of computer software packages. Prerequisite: MGT 215 and MAT 130.

20356(31)	Session 111	06/29 - 07/24	M T W R F	10:00 - 11:50	BU 210
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**MGT 360 Cooperative Education / Internship Credit 3-9**

Co-ops and internships are on-the-job experiences in the area of management in business or government to serve as a laboratory for integrating the theoretical with practical experiences. Co-ops are for six months duration and worth up to 9 credits, whereas, internships are for summer employment and worth up to 3 credits. Students may arrange for co-ops or internships in their junior and senior years. Prerequisite: Permission of the department chairperson.

20357(30)	Session 1	06/01 - 06/26	TBA	TBA	TBA
20358(31)	Session 11	06/16 – 07/24	TBA	TBA	TBA

**MGT 402 Production Operations Management Credit 3**

Familiarizes the student with production/operation phase of business activity. Emphasis is on developing the ability to apply analytical methods and modern technology to manufacturing and services organizations. Prerequisite: MGT 215 and 216 or permission of the instructor.

20396(30)	Session 111	06/29 – 07/24	M T W R F	12:00 – 1:50	BU 210
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**MGT 495 Independent Study Credit 3**

20394(30)	Session 11	06/16 – 07/24	TBA	TBA	TBA
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**MKT 305 Principles of Marketing Credit 3**

Analysis of the problems involved in the operations of marketing institutions with emphasis on a micro approach. Topics include the design of channels of distribution, pricing, and promotion of goods and services.

20360(30)	Session 1	06/01 – 06/26	M T W R F	12:00 - 1:50	BU 207
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<b>MKT 311</b>	<b>Consumer Behavior</b>				<b>Credit 3</b>
Examination of consumer behavior in the marketplace. Particular attention is given to economic influences as well as anthropological, psychological, and sociological influences affecting the consumer. Prerequisite: MKT 305 and junior standing.					
<b>20117(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>M T W R F</b>	<b>10:00-11:50</b>	<b>BU 207</b>
<b>MKT 328</b>	<b>Sales Management</b>				<b>Credit 3</b>
The modern sales organization; selling problems of manufacturers, wholesalers, and retailers; management of the sales force. Prerequisites: MKT 305 and junior standing.					
<b>20116(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>M T W R F</b>	<b>8:00-9:50</b>	<b>BU 207</b>
<b>MKT 360</b>	<b>Cooperative / Education Internship</b>				<b>Credit 1-9</b>
Co-ops and internships are on-the-job experiences in the area of marketing in business or government to serve as a laboratory for integrating the theoretical with practical experiences. Co-ops are for a six-month duration and worth up to 9 credits, whereas internships are for summer employment and worth up to 3 credits. Students may arrange for co-ops or internships in their junior and senior years. Prerequisite: Permission of the department chairperson.					
<b>20308(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>MKT 495</b>	<b>Independent Student/Research</b>				<b>Credit 1-3</b>
An opportunity or independent study or research with guidance of faculty advisor. Pre-requisites: Senior standing, consent of instructor and approval of chairperson.					
<b>20103(31)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>MRT 429</b>	<b>Recording Studio Internship</b>				<b>Credit 4</b>
Practical experience in audio recording under the supervision of an off campus professional studio. Pre-requisite: Completion of all music and engineering courses through the third year. <b>Majors Only.</b>					
<b>20095(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>NUR 215</b>	<b>Foundations of Nursing</b>				<b>Credit 4</b>
This course focuses on assisting persons of all ages to meet their basic needs. Students will concentrate on concepts of the nursing process, health teaching, relationship-centered communication, ethical-legal issues and caring. The integration of concepts related to mental health, nutrition, pharmacology, and path-physiology will begin in this course. Students also will begin the process of developing health care skills for self and others. Prerequisites: NUR 105, BIO 103, BIO 224-225 or 302-336. Co-requisite: NUR 216. Both fall and spring semesters. <b>For Majors Only.</b>					
<b>20143(30)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>M W</b>	<b>9:00 - 12:50</b>	<b>WF 123</b>
<b>20180(31)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>M W</b>	<b>9:00 - 12:50</b>	<b>WF 123</b>
<b>NUR 216</b>	<b>Foundation of Nursing: Practical Nursing</b>				<b>Credit 4</b>
Clinical application of the nursing process, use of therapeutic communication, health teaching and selected nursing techniques in meeting basic needs of self and others in the community. Students will be expected to actively participate in the design and implementation of a life-long, personal, self-care plan. It is expected that each student's learning experiences will be unique, integrating interests, community resources and course requirements. Co-requisite: NUR 215. Both fall and spring semesters. <b>For Majors Only.</b>					
<b>20144(30)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>T R</b>	<b>7:00 - 5:00</b>	<b>WF 0</b>
<b>20181(31)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>T R</b>	<b>7:00 - 5:00</b>	<b>WF</b>
<b>20182(32)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>T R</b>	<b>7:00 - 5:00</b>	<b>WF</b>
<b>20286(33)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>T R</b>	<b>7:00 - 5:00</b>	<b>WF 0</b>
<b>20287(34)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>T R</b>	<b>7:00 - 5:00</b>	<b>WF</b>
<b>20288(35)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>T R</b>	<b>7:00 - 5:00</b>	<b>WF</b>
<b>20289(36)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>T R</b>	<b>7:00 - 5:00</b>	<b>WF 0</b>
<b>20290(37)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>T R</b>	<b>7:00 - 5:00</b>	<b>WF</b>
<b>20291(38)</b>	<b>8 week Session</b>	<b>06/01 - 07/24</b>	<b>T R</b>	<b>7:00 - 5:00</b>	<b>WF</b>
<b>NURV224</b>	<b>Cultural Assessment for Health Professional</b>				<b>Credit 3</b>
This course examines the role that culture plays in the person's health-care practices, health care beliefs, and health care needs. The course is designed for all health care professionals who practice in all clinical areas and roles who wish to nourish awareness of, and sensitivity for the cultural needs of clients and their families. Emphasis will be on health beliefs and practices manifested by people from different backgrounds who are members of various Ethnic / cultural					

communities. Students will be given the opportunity to examine their own culture, beliefs, and attitudes in respect to health and illness. Nursing Elective Open to all majors.

**20381(30)**      **8 week Session**      **06/01 – 07/24**      **W**      **9:00 – 2:50**      **TC**  
**\*\*\*Virginia Beach Campus Students Only\*\*\***

**NURV 418      Issues in Research Seminar      Credit 2**

Students will critique research in terms of its implications for nursing practice and health care policy. Opportunities will be provided to discuss ways to implement research findings in practice settings. A senior research project and paper will be required. Prerequisite: PSYV 346 or MATV 205, NURV 345, 346, 355 and 356. Fall semester for beginning nurse students and summer term. \*For RNs Only\*.

**\*\*\*Virginia Beach Campus Students Only\*\*\***

**20142(30)**      **8 week Session**      **06/01 - 07/24**      **T**      **9:00-12:50**      **TC 1011**

**PED 480      Practicum in Kinesiology I      Credit 3**

This course provides the student with the initial experience field placement, observations, practice and program delivery in a professional setting. Students are required to select a facility and observe and become involved in an introductory experience. Prerequisites: PED 301, PED 306, PED 427

**20215(30)**      **Session 11**      **06/16 – 07/24**      **TBA**      **TBA**      **HO 134**

**PED 481      Practicum in Kinesiology II      Credit 3**

This course provides the student with an advanced experience field placement, observations, practice and program delivery in a professional setting. Students are required to select a facility and observe and become involved in a professional experience. Prerequisites: PED 301, PED 306, PED 427, PED 480 (Practicum I)

**20216(30)**      **Session 11**      **06/16 – 07/24**      **TBA**      **TBA**      **HO 134**

**PED 499      Independent Study      Credit 3**

Reading and research in approved topics under the guidance of a faculty member of the department. Course may be repeated once for credit with a change in subject matter.

**20350(30)**      **Session 11**      **06/16 – 07/24**      **TBA**      **TBA**      **TBA**

**PED 615      Advanced Marketing Applied Research and Sales      Credit 3**

Students will focus on social and economic trends or governmental regulations, contemporary approaches to marketing and entrepreneurship.

**20351(30)**      **Session 1**      **06/01 – 06/26**      **TBA**      **TBA**      **TBA**

**PED 616      Public Relations and New Media      Credit 3**

Students will learn the art and science of establishing and promoting a favorable relationship with the public as it relates to the sport industry.

**20304(30)**      **Session 1**      **06/01 – 06/26**      **TBA**      **TBA**      **TBA**

**PED 619      NCAA Compliance      Credit 3**

Intercollegiate matters concerning the compliance of athletics programs with the bylaws set forth by the National Collegiate Athletic Association. Topics include: rules for competition, recruiting, and graduation.

**20194(30)**      **Session 1**      **06/01 – 06/26**      **TBA**      **4:00 - 6:45**      **HO 164**

**PED 620      Sport Governance      Credit 3**

This course will focus on the power, politics, policies, power and procedures within sport organizations. State, national and international sport organizations will be compared along with the impact of sport globalization.

**20303(30)**      **Session 1**      **06/01 – 06/26**      **R**      **4:00 - 6:45**      **HO 165**

**PED 623      Sport & Social Responsibility      Credit 3**

This course critically examines the interconnected concepts of organizational ethics and their significant role in developing a sport organization's mission, culture, strategic plan, operational policies, leadership style, work environment, marketing approach, and customer service. Through analytical discussions of ethical systems and case study analyses, this course enables the development of a framework for understanding an organization's social responsibility, for improving an organization's integrity, and for the development of a personal professional code of ethics.

**20186(30)**      **Session 1**      **06/01 - 06/26**      **M**      **7:00 – 9:45**      **HO 163**



**PED 625 Race and Ethnicity in Sport Administration Credit 3**

Series of advanced topics in race and ethnicity and its influence in the sport industry. Course includes topics in Patterns of change in terms of race, and ethnicity in sport, inclusion or exclusion from sport on the basis of race or ethnicity, policy innovations with respect to race and ethnicity in sport, management initiatives with respect to race and ethnicity in sport, sport for culturally and linguistically diverse (CALD) communities, career opportunities in and around sport for CALD communities, sports stars as role models for CALD communities, sport and gender differences in CALD communities, assumptions of athletic ability according to race or ethnicity, media representations of race and ethnicity in sport.

**20301(30) Session 1 06/01 - 06/26 T 5:15 - 8:00 HO 165**

**PED 631 Internship Credit 6**

Field experience. Students will have supervised practical training within the sport industry. Students must complete twelve weeks of training under an approved supervisor.

**20187(30) Session 11 06/16 - 07/24 TBA TBA TBA**

**PHA 314 Medicinal Chemistry 1 Credit 4**

The focus of this two-course sequence is the chemistry of natural and synthetic drug entities, their physicochemical properties, methods of synthesis, sources, derivatives, modes of biotransformation, and structure activity relationships. In this course, a concerted effort is made to link the chemical structure of drugs to their pharmacological / pharmacokinetic /toxicity profiles. Prerequisites: PHA 314 Successful completion of PHA 311; PHA 413 Successful completion of all P-1 level courses.

**20404(30) Session 1 06/01 - 06/26 R F 9:00 - 10:50 TBA TBA**

**PHA 321 Anatomy/Physiology with Lab Credit 5**

Lectures, laboratories and demonstrations are designed to acquaint the student with the basic structure of the human body and the fundamental principles of human physiology. Concepts are taught which integrate physiology and pathophysiology. The course is organized according to the following systems: cellular physiology, neurophysiology, cardiovascular, respiratory, renal gastrointestinal and endocrine physiology.

**20296(30) Session 1 06/01 - 06/26 M T W R F 9:00 - 1:00 KI 101**

**20334(31) Session 1 06/01 - 06/26 TBA 8:00 - 11:50 KI TBA**

**PHA 361 Biopharmaceutics I (with Lab) Credit 5**

This course is designed to help students to understand physicochemical and biological factors, which affect the stability, kinetics, bioavailability and bioequivalence of drugs in dosage forms. It will also focus on the design, preparation, evaluation and use of liquid dosage forms. Calculations, metrology, and laboratory exercises are also emphasized.

**21022(30) Session 111 06/24 - 07/21 M W 9:00-12:00 KI TBA**

**06/24 - 07/21 TBA 1:00- 5:00 TBA TBA**

**PHA 370 Community IPPE Credit 1**

An introductory pharmacy practice experience (IPPE) designed to assist the student in actively participating in and experiencing the distributive functions of pharmacy in the community pharmacy practice setting. The community pharmacy practice setting experience is divided into six main areas of experience: prescription processing and compounding, over the counter products, patient counseling and education, pharmacy administration and management, pharmacy law, and team interaction/education. Pre-requisites: Successful completion of all P-1 level didactic courses.

**20129(30) 10 week Session 05/18 - 07/24 TBA TBA TBA**

**PHA 470 Institutional IPPE Credit 1**

An introductory pharmacy practice experience (IPPE) designed to assist the student in actively participating in and experiencing the distributive functions of pharmacy in the institutional pharmacy practice settings. The institutional pharmacy practice experience is divided into seven main areas of experience: drug distribution, manufacturing activities, dissemination of drug and produce information, patient counseling and education, pharmacy administration and management, pharmacy law, and team interaction/education. Prerequisites: Successful completion of all P-2 level didactic courses.

**20129(30) 10 week Session 05/18 - 07/24 TBA TBA TBA**

**PHA 484 Drug and Disease Management III Credit 4**

This sequence of courses is an integrated course that emphasizes a patient focused, systematic management of disease through appropriate therapeutic regimens. These modules are organized by disease states/organ systems and provide each student with basic knowledge of pathophysiology, pharmacology and therapeutics, thus enabling them to manage disease states, establish rational treatment and realistic outcomes, and provide parameters to monitor the progression of

Disease. Prerequisites for PHA 480, 482, and 484: Successful completion of all P- 1 level courses and all P-2 Fall semester courses; Prerequisites for PHA 581, 583, 585, 586, and 588: Successful completion of all P-1 and P-2 level courses.

**20333(32)**                      **Session 1**    **06/01 - 06/26**    **TBA**    **1:00-4:50**    **KI**

**PHA 570                      Elective IPPE    Credit 1**

The elective introductory pharmacy practice experience (IPPE) is designed to expose students to additional areas of pharmacy practice. Elective opportunities are available in administration, association management, consulting, disease state management, geriatrics, home health, managed care, nuclear pharmacy, nutrition, oncology, pharmaceutical industry, regulatory affairs, and toxicology. Other elective opportunities are available upon approval by the Director of Experiential Education. Prerequisites: Successful completion of all P-1, P-2 and P-3 level didactic courses.

**20305(30)**                      **10 week Session**    **05/18 – 07/24**    **TBA**    **TBA**    **TBA**

**PHA 586                      Drug and Disease Management V11    Credit 4**

This sequence of courses is an integrated course that emphasizes a patient focused, systematic management of disease through appropriate therapeutic regimens. This course is organized by disease groups and provides each student with basic knowledge of pathophysiology, pharmacology and therapeutics, thus enabling them to manage any disease state, establish rational treatment and realistic outcomes, and provide parameters to monitor the progression of disease. Prerequisites: PHA 480, 482, and 484. Successful completion of all P-1 level courses and all P-2 Fall semesters courses; PHA 581, 583, and 588.

**20335(30)**                      **Session 1**    **06/01 – 06/26**    **TBA**    **8:00-11:50**    **KI**                      **TBA**

**PHA 650                      Seminar 1    Credit 1**

The seminar series is a three course requirement that is designed to provide students with the skills, techniques, and competencies required to successfully navigate the advanced clinical clerkship experiences. In addition this course provides the student an opportunity and experience in preparing and presenting pharmacy related topics to colleagues and other healthcare professionals in a formalized manner. Prerequisites: Successful completion of all P-1, P-2, and P- 3 courses.

**20130(30)**                      **10 week Session**    **05/18 – 07/24**    **TBA**    **TBA**    **TBA**

**PHA 651                      Seminar 11    Credit 1**

The Seminar Series is a three course requirement that is designed to provide students with the skills, techniques, and competencies required to successfully navigate the advanced clinical clerkship experiences. In addition this course provides the student an opportunity and experience in preparing and presenting pharmacy related topics to colleagues and other healthcare professionals in a formalized manner. Prerequisites: Successful completion of all P-1, P-2, and P-3 courses.

**20306(30)**                      **10 week Session**    **05/18 – 07/24**    **TBA**    **TBA**    **TBA**

**PHA 652                      Seminar 11    Credit 1**

The seminar series is a three course requirement that is designed to provide students with the skills, techniques, and competencies required to successfully navigate the advanced clinical clerkship experiences. In addition this course provides the student an opportunity and experience in preparing and presenting pharmacy related topics to colleagues and other healthcare professionals in a formalized manner. Prerequisites: Successful completion of all P-1, P-2, and P-3 courses.

**20297(30)**                      **10 week Session**    **05/18 – 07/24**    **TBA**    **TBA**    **TBA**

**PHA 670                      Community Externship    Credit 4**

An externship experience designed to assist the student in actively participating and experiencing the distributive functions of pharmacy in the community pharmacy practice setting. The community pharmacy practice setting experience is divided into six main areas of experience: prescription processing a compounding, over the counter products, patient counseling and education, pharmacy administration and management, pharmacy law, and team interaction / education. Prerequisite: Successful completion P1 and P2 level courses.

**20131(30)**                      **10 week Session**    **05/18 - 07/24**    **TBA**    **TBA**    **TBA**

**PHA 671                      Institutional Pharmacy Practice    Credit 4**

An externship experience designed to assist the student in actively participating and experiencing the distributive functions of pharmacy in the institutional pharmacy practice setting. The institutional pharmacy practice experience is divided into six main areas of experience: drug distribution, manufacturing activities, dissemination of drug and product

information, patient counseling and education, pharmacy administration and management, pharmacy law, and team interaction / education. Prerequisite: Successful completion P1 and P2 level courses.

**20132(30)            10 week Session            05/18 -07/24            TBA            TBA            TBA**

**PHA 673            Nuclear Pharmacy APPE            Credit 4**

This elective rotation is designed to introduce the student to nuclear pharmacy and its applications to clinical nuclear medicine. The student will be exposed to the fundamentals of radiopharmaceutical preparation and utilization within a centralized nuclear pharmacy. Prerequisites: Successful completion of all P-3 level courses.

**20268(30)            10 week Session            05/18 – 07/24            TBA            TBA            TBA**

**PHA 674            Compounding APPE            Credit 4**

This elective rotation is designed to enhance the basic skills of compounding. Skills that will be developed and refined in this rotation include basic and advance compounding, pharmacy math, patient counseling on unique drug formulations, determining the correct ratio of hormone product for hormone replacement therapy. This rotation might also include skills developed in a community pharmacy setting such as the ability to process and dispense medication, and patient education regarding medical conditions. Prerequisites: Successful completion of all P-3 level courses

**20269(30)            10 week Session            05/18 – 07/24            TBA            TBA            TBA**

**PHA 675            Academic Pharmacy APPE            Credit 4**

This elective rotation is designed to enhance the student's awareness of a career in academia. The experience will allow the student to develop a teaching style that complements their style and strengths, and expose the student to the wide range of responsibilities associated with a didactic based academic career. The student will be given firsthand experience in the academic responsibility of teaching, scholarship, and service to the pharmacy profession and the academic institution. Prerequisites: Successful completion of all P-3 level courses.

**20270(30)            10 week Session            05/18 – 07/24            TBA            TBA            TBA**

**PHA 676            Managed Care APPE            Credit 4**

This elective rotation is designed to introduce students to the concepts in this discipline. Students will be exposed to how pharmacists play a large role in decision making for clinical policies with respect to drug utilization, including prior authorization policies, quantity limits, etc. Experience within the managed care space allows students to understand the decisions made by managed care organizations that lead to concurrent drug utilization review edits at the point of sale and beyond. Successful completion of all P-3 level courses.

**20271(30)            10 week Session            05/18 – 07/24            TBA            TBA            TBA**

**PHA 680            Research 1 APPE            Credit 4**

This elective rotation is intended to provide an opportunity for Doctor of Pharmacy students to acquire experience in the various aspects of research of discovery, integration, application or teaching. The rotation is a five-week experience in which the student will participate in a collaborative research process with faculty from the department of pharmacy practice and/or pharmaceutical sciences. Given the time limit, the intent is to expose the student to techniques and behavioral skills for identifying research questions or problems, performing literature searches, defining discipline-related terminology, demonstrating the development of lab techniques, patient care or teaching skills, and reflecting on lesson learned on conducting biomedical, clinical and translational research. Prerequisite: Successful completion of all P3 level courses.

**20272(30)            10 week Session            05/18 – 07/24            TBA            TBA            TBA**

**PHA 681            Research 11 APPE            Credit 4**

This elective rotation is intended to provide an opportunity for Doctor of Pharmacy students to acquire experience in the various aspects of research of discovery, integration, application or teaching. The rotation is a five-week experience in which the student will participate in a collaborative research process with faculty from the department of pharmacy practice and/or pharmaceutical sciences. Given the time limit, the intent is to expose the student to techniques and behavioral skills for identifying research questions or problems, performing literature searches, defining discipline-related terminology, demonstrating the development of lab techniques, patient care or teaching skills, and reflecting on lesson learned on conducting biomedical, clinical and translational research. Prerequisite: Successful completion of Elective Research I.

**20273(30)            10 week Session            05/18 – 07/24            TBA            TBA            TBA**

**PHA 683            Geriatrics            Credit 4**

Inpatient and/or outpatient experiences in the care of the elderly. Objectives will include developing medication care plans (MCP) for patients who have diminished blood flow in face of multiple disease states, frailty of body and spirit,

diminished mental capacity, diminished mobility and reduction in use of senses (e.g. sight, hearing). Attention will also be focused on developing the most economical MCP for persons with reduced or limited income. Simultaneous assignment to several inpatient facilities, home health care agencies, or home bound patients is likely. An understanding of the impact of Medicare and other insurance plans on the ability to deliver the best MCP is an objective for all assignment areas.

**20133(30)                      10 week Session                      05/18 - 07/24                      TBA                      TBA                      TBA**

**PHA 684                      Special Interests APPE                      Credit 4**

This elective rotation is designed to expose students to additional areas of pharmacy practice of their interest. Elective opportunities are available in administration, association management, consulting, disease state management, public health, home health, nutrition, oncology, pharmaceutical industry, regulatory affairs, and toxicology. Other elective opportunities are available upon approval by the Director of Experiential Education. Prerequisites: Successful completion of all P-3 level courses.

**20274(30)                      10 week Session                      05/18- 07/24                      TBA                      TBA                      TBA**

**PHA 685                      Administration                      Credit 4**

Designed to expose the student to a variety of situations related to the running of a medical-related operation, including medical profession associations. The student will be paired with an administrative level preceptor from industry, chain pharmacy, hospital pharmacy, or professional organizations. The five week rotation may be split among as many as 3 such experiences with no less than 1 week in any specific arena.

**20134(30)                      10 week Session                      05/18 - 07/24                      TBA                      TBA                      TBA**

**PHA 690                      Internal Medicine                      Credit 4**

The internal medicine rotation is designed to provide the student exposure and experience in comprehensive treatment of disease states of adult medicine patients being cared for in the hospital or institutionalized setting (hypertension, pneumonia, asthma, congestive heart failure, diabetes, infectious diseases, etc). In addition, students will utilize problem-solving skills, develop therapeutic plans, monitor lab values, an assess for drug interactions and adverse drug reactions. Prerequisites: Successful completion of all P-1, P-2 and P-3 courses.

**20135(30)                      10 week Session                      05/18 - 07/24                      TBA                      TBA                      TBA**

**PHA 691                      Ambulatory Care I                      Credit 4**

The Ambulatory Care I rotation is designed to give students experience in treating patients in “out-patient” settings that are typically not acutely ill. These experiences could focus on the medication management of specific diseases (such as hypertension, diabetes, asthma, Coumadin monitoring, etc.) or general care of patients with chronic conditions. Students will utilize problem solving skills, patient medication counseling, therapeutic monitoring, as well as address interaction, side effects, and compliance issues in the care of these patients. Prerequisites: Successful completion of all P-I, P-2 and P-s courses.

**20136(30)                      10 week Session                      05/18 - 07/24                      TBA                      TBA                      TBA**

**PHA 693                      Pediatrics APPE                      Credit 4**

The Pediatric rotation provides students with the opportunity to learn how to effectively treat medical illnesses of infant and child patients. Students will learn the different treatment options and regimens utilized in this patient population and take into consideration the different pharmacokinetic properties. Common disease states that will be seen are pneumonia, asthma, epilepsy, diabetes, sickle cell, trauma, and other common childhood diseases. Prerequisites: Successful completion of all P-I, P-2, and P-3 courses.

**20137(30)                      10 week Session                      05/18 - 07/24                      TBA                      TBA                      TBA**

**PHA 694                      Psychiatry                      Credit 4**

The Psychiatric rotation provides students experience in treating acute as well as chronic psychiatric patients. Emphasis is on the initiation of medication, therapeutic monitoring, as well as medication stabilization and long-term treatment of psychiatric patients. Students will learn how to dose, treat, and monitor patients with mood disorders, schizophrenia, substance abuse disorders, cognitive disorders and other clinical psychiatric disorders. Prerequisites: Successful completion of all P-I, P-2, and P-3 courses.

**20138(30)                      10 week Session                      05/18 - 07/24                      TBA                      TBA                      TBA**

**PHA 695                      Drug Information                      Credit 4**

The clerkship experience allows the students to serve as a primary provider of drug information in a structured environment that possesses both the resources and the faculty expertise in clinical information management and dissemination. Emphasis is placed on how to properly receive drug information requests, design and execute a systematic search strategy, assimilate the information retrieved, and formulate and communicate an appropriate response.

The student continues to build their knowledge base of available drug information resources and gains practical experience in critically evaluating those resources. Students on this rotation also prepare drug monographs and journal articles to further develop their medical writing skills. Prerequisites: Successful completion of all P-I, P-2, and P-3 courses.

**20139(30)      10 week Session      05/18 - 07/24      TBA      TBA      TBA**

**PHA 696      Elective Clerkshop 1      Credit 4**

The elective rotation is designed to expose students to additional areas of pharmacy practice of their interest. Elective opportunities are available in administration, association management, consulting, disease state management, geriatrics, home health, managed care, nuclear, nutrition, oncology, pharmaceutical industry, regulatory affairs, and toxicology. Other elective opportunities are available upon approval by the Director of Experiential Education. Prerequisites: Successful completion of all P-3 level courses.

**20140(30)      10 week Session      05/18 - 07/24      TBA      TBA      TBA**

**PHA 697      Special Interest APPE      Credit 4**

This elective rotation is designed to expose students to additional areas of pharmacy practice of their interest. Elective opportunities are available in administration, association management, consulting, disease state management, public health, home health, nutrition, oncology, pharmaceutical industry, regulatory affairs, and toxicology. Other elective opportunities are available upon approval by the Director of Experiential Education. Prerequisites: Successful completion of all P-3 level courses.

**20275(30)      10 week Session      05/18 - 07/24      TBA      TBA      TBA**

**PHA 698      Special Interest APPE      Credit 4**

This elective rotation is designed to expose students to additional areas of pharmacy practice of their interest. Elective opportunities are available in administration, association management, consulting, disease state management, public health, home health, nutrition, oncology, pharmaceutical industry, regulatory affairs, and toxicology. Other elective opportunities are available upon approval by the Director of Experiential Education. Prerequisites: Successful completion of all P-3 level courses.

**20276(30)      10 week Session      05/18 - 07/24      TBA      TBA      TBA**

**PHA 699      Internal Medicine II      Credit 4**

Designed to provide the student with an advanced level of exposure to the patient (generally institutionalized) who has an acute organic ailment requiring medical treatment or other intervention of intense or unusual nature. Specialized internal medicine areas, hematology /oncology, ICU, CCU, surgery, general oncology, infectious diseases are representative of the type and level of exposure.

**20141(30)      10 week Session      05/18 - 07/24      TBA      TBA      TBA**

**PHI 210      Logic and Scientific Method      Credit 3**

Study of both traditional logic and modern developments with particular stress upon their applications in area of communication and in natural and social sciences.

**20365(30)      Session 1      06/01 – 06/26      M T W R F      10:00-11:50      MLK 115**

**PHT 607      Motor Control and Learning      Credit 2**

This is a two-part course designed to provide students the opportunity to learn topics in movement sciences throughout lifespan. The first part will emphasize basic theoretical concepts and principles of motor development, control, and learning to set for the foundation for application. The second part will emphasize application and discussions of the contemporary knowledge of motor control and learning to individuals with movement dysfunctions. This course will also introduce effective motor re-learning strategies for physical therapy intervention. Prerequisites: courses in curriculum sequence.

**20096(30)      10 week Session      05/18 – 07/24      TBA      TBA      TBA**

**PHT 615      Case Management Lab I      Credit 1**

This is the first of four courses designed for students to develop problem solving & critical thinking skills while working in small groups with student centered learning. In this first course students will be given simple cases involving real patients or simulated cases with a discrete musculoskeletal problem (joint limitation and pain) as a result of a common disease process or injury in young adults, & the mature adult of various socioeconomic & cultural backgrounds. Students are encouraged to work collaboratively to identify & practice the steps of clinical decision making according to the patient/client management model. For each case the student is expected to identify the pathology, the impairments resulting from the pathology, the related functional limitations & the resulting disability, before establishing functional goals & a plan for intervention. A formal oral & written presentation of the case will be expected at the end of the course

for each group. In this course students are also introduced to reflective evaluation using self-assessment & peer assessment after each group meeting & after the formal oral presentation. Prerequisites: courses in curriculum sequence.

**20105(30)      10 week Session      05/18 – 07/24      TBA      TBA      TBA**

**PHT 625      PT Seminar II      Credit 1**

This course has a major emphasis on the analysis of the physical therapist relationship with patients / clients, family and community. Investigation through specific readings in the psychology of disability and the socio-economic and cultural impacts on optimizing function for individuals with disability. Prerequisites: courses in curriculum sequence.

**20097(30)      10 week Session      05/18 – 07/24      TBA      TBA      TBA**

**PHT 630      Prosthetics and Orthotics      Credit 3**

In this course students will learn to apply their knowledge of kinesiology, pathology and client management model to the care of individuals requiring prosthetic and orthotic devices. This course will also emphasize preventive foot care, pre and post-surgical physical therapy interventions and functional rehabilitation of individuals with congenital, traumatic and circulatory conditions requiring prosthetic or orthotics devices. Prerequisites: courses in curriculum sequence.

**20106(30)      10 week Session      05/18 - 07/24      TBA      TBA      TBA**

**PHT 634      Neurologic Management I      Credit 3**

The educational vision for this course is to develop reflective autonomous physical therapists qualified to maximize functioning and minimize disability in persons with Central Nervous System (CNS) Health Conditions. Teaching and learning strategies implemented facilitate the development of student professional affective, cognitive and psychomotor behaviors required for physical therapist practice. This course is sectioned into two units of study: 1. Healthcare Management of Persons with Brain Conditions; and 2. Healthcare Management of Persons with Spinal Cord Conditions. Prerequisites: courses in curriculum sequence.

**20098(30)      10 week Session      05/18 - 07/24      TBA      TBA      TBA**

**PHT 643      Musculoskeletal Management 1      Credit 3**

The course is designed for learning and teaching entry-level physical therapy students the healthcare Process of Problem Solving for Individuals with Neuro-musculoskeletal Disorders. The World Health Organization (WHO) concepts of Health, Functioning and Disability (ICIDH-2)<sup>1</sup>, together with the APTA Guide to Physical Therapist Practice are used to structure Learning into four (four) study units: UNIT 1: Principles of Healthcare for Individuals with Neuro-musculoskeletal Disorders UNIT II. Individuals with Head, Neck, Spine and Pelvis Disorders. Prerequisites: Courses in curriculum sequence.

**20099(30)      10 week Session      05/18- 07/24      TBA      TBA      TBA**

**PHT 645      Pediatrics      Credit 4**

This course is designed to prepare students to acquire safe, effective, and evidence-based pediatric physical therapy management skills for children with neuro-musculoskeletal, cardiopulmonary, and other pediatric physical therapy related impairments. This course utilizes the National Center for Medical Rehabilitation Research(NCMRR) model and the Guide to Physical Therapist Practice that include evaluation, differential diagnosis, treatment goals and plan, intervention strategies, and documentation of prognosis, progress, and functional outcome measures. This course emphasizes interaction with clients' family and multidisciplinary team members at various settings such as homes, schools, clinics, community centers, and hospitals to maximize the functional carry-over of the intervention. Prerequisites: courses in curriculum sequence.

**20107(30)      10 week Session      05/18 – 07/24      TBA      TBA      TBA**

**PHT 659      Case Management Lab IV      Credit 1**

This is the final course in a series of courses designed to enhance student's ability to engage in problem-solving, critical thinking skills in the examination, diagnosis, prognosis, and intervention and outcome assessment of simulated cases with critical and non-critical multi-system involvement. The emphasis of this course will be the incorporation of student's knowledge and skills acquired in the classroom and in the clinic to be competent practitioners. Students are expected to use relevant research to guide clinical decisions and interventions. It is also expected that students are competent in addressing simple and complex problems throughout the life-span. Competency in communication and collaboration with other health professionals in the evaluation of treatment outcomes, psychosocial and cultural aspects of health care is also expected. At the end of this course students should demonstrate good clinical judgment in the current health care environment, and incorporate in their problem solving exercise all the elements of good physical therapy practice.

**20108(30)      10 week Session      05/18 – 07/24      TBA      TBA      TBA**

<b>PHT 668</b>	<b>Research 111</b>				<b>Credit 2</b>
This course is designed to individually guide students to begin their EBP project, which allows each student to apply EBP to the processes of examination, evaluation, diagnosis, prognosis, and interventions of selected conditions across the lifespan seen in physical therapy.					
<b>20109(30)</b>	<b>10 week Session</b>	<b>05/18 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>PHY 191</b>	<b>Introduction Research Topics in Physics</b>				<b>Credit 1-3</b>
Designed for freshman level undergraduates. Emphasis will be placed upon introduction to areas of physics research, regular attendance at appropriate seminars, techniques of literature searches, and background study. This course may be taken twice. Prerequisite: Consent of the department chairperson.					
<b>20294(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>PHY 291</b>	<b>Basic Research Topics</b>				<b>Credit 1-6</b>
Designed for junior level undergraduates. Emphasis will be placed upon conducting directed research in physics with a designated research mentor and regular attendance at selected seminars. Review basic literature search techniques. This course may be taken twice. Prerequisite: Consent of the research mentor.					
<b>20054(31)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20004(30)</b>	<b>Session 111</b>	<b>06/29 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>PHY 391</b>	<b>Intermediate Research Topics in Physics</b>				<b>Credit 1-9</b>
Designed for junior level undergraduates. Emphasis will be placed upon conducting directed research in physics with a designated research mentor and regular attendance at selected seminars. Review basic literature search techniques. This course may be taken twice. Prerequisite: Consent of the research mentor.					
<b>20005(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20055(31)</b>	<b>Session 11</b>	<b>06/16– 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>PHY 491</b>	<b>Senior Research Topics Phys</b>				<b>Credit 1-12</b>
Designed for senior level undergraduates. Emphasis will be placed upon participating in an independent research project or making a major contribution to departmental research with a designated research mentor. The student will produce a publication quality research report or thesis. Regular attendance at the physics seminar series is also required. This course may be taken twice. Prerequisite: Consent of the research mentor.					
<b>20197(31)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20074(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>PHY 616</b>	<b>Research Problems I</b>				<b>Credit 1- 12</b>
Research on problems leading to a master's thesis.					
<b>20110(40)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>PHY 617</b>	<b>Research Problems II</b>				<b>Credit 1-12</b>
Research on problems leading to a thesis or dissertation.					
<b>20111(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20283(31)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>PHY 681</b>	<b>Thesis</b>				<b>Credit 3</b>
<b>20006(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>PHY 700</b>	<b>Thesis Registration</b>				<b>Credit 1</b>
<b>20007(30)</b>	<b>Session 11</b>	<b>06/16 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>PHY 703</b>	<b>Ph.D Qualifying Examination</b>				<b>Credit 1</b>
Graded S/U only. Passing grade of S is awarded upon successful completion of all four parts of this examination.					
<b>20218 (30)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>PHY 791</b>	<b>Dissertation Research</b>				<b>Credit 1-12</b>
Research on problems leading to a dissertation.					
<b>20112(41)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20222(39)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20166(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20167(31)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>

20168(32)	Session 11	06/16 – 07/24	TBA	TBA	TBA
20169(34)	Session 11	06/16 – 07/24	TBA	TBA	TBA
20170(35)	Session 11	06/16 – 07/24	TBA	TBA	TBA
20171(37)	Session 11	06/16 – 07/24	TBA	TBA	TBA
20172(38)	Session 11	06/16 – 07/24	TBA	TBA	TBA
20122(42)	Session 111	06/29 – 07/24	TBA	TBA	TBA
<b>PHY 797</b>	<b>Dissertation Registration</b>				<b>Credit 1</b>
20008(30)	Session 11	06/16 - 07/24	TBA	TBA	TBA
<b>PHY 798</b>	<b>Doctoral Final Oral Comp Exam</b>				<b>Credit 1</b>
20185(31)	Session 1	06/01 - 06/26	TBA	TBA	TBA
20009(30)	Session 11	06/16 - 07/24	TBA	TBA	TBA
<b>POL 304</b>	<b>International Politics</b>				<b>Credit 3</b>
Study of the nature of international society, patterns of conflict, and cooperation between and among states and other international actors. Foreign policies of major countries discussed.					
20081(30)	Session 11	06/16 - 07/24	M T W R F	2:00- 3:15	MLK 104
<b>PSY 203</b>	<b>Introduction to Psychology</b>				<b>Credit 3</b>
Basic topics in psychology are explored, such as learning, motivation, intelligence, personality, perception, abnormality, and others. Emphasis is given to scientific methodology and its application to behavior.					
20150(30)	Session 11	06/16 – 07/24	M T W R F	3:00 - 4:15	MLK 117
20154(31)	Pre-College	06/23 - 07/24	M T W R F	10:00 - 11:45	MLK 112
20155(32)	Pre-College	06/23 – 07/24	M T W R F	8:00 - 9:45	MLK 115
<b>PSY 311</b>	<b>Developmental Psychology</b>				<b>Credit 3</b>
Studies the physical, cognitive and psychosocial development of the individual from conception to death. Includes an emphasis on a multicultural approach to human development across the lifespan. Prerequisite: PSY203.					
20421(30)	Session 11	06/16 – 07/24	M T W R F	1:00 – 2:15	MLK 103
<b>PSY 672</b>	<b>Integrative Project in Psychology 1</b>				<b>Credit 1</b>
The Integrative Seminars (Part I and Part II) are the culminating courses for the MS degree which support the two-staged completion of the Final Project. This course is designed to guide students through a review of the content domains covered along the degree path of the Master of Science in Psychology degree. It affords an opportunity to synthesize and articulate knowledge obtained during degree progression via the selection of multiple threads of inquiry and analysis of peer-reviewed, scholarly literature related to successfully completed coursework. The course requires informed library research and concise exposition. Students completing this phase of their degree will receive substantial guidance and support from their instructor and classmates throughout the course. Students may choose to evaluate programs working with individuals who have psychological concerns. Project examples: 1) program evaluation of human services program with focus on whether psychological needs are being met; 2) development of a substantive research proposal; and 3) development of a relational component of a mentoring program. Pre-requisite: Successful completion of specified coursework.					
20254(30)	Session 11	06/16 - 07/24	TBA	TBA	TBA
<b>PSY 699</b>	<b>Thesis 11</b>				<b>Credit 1</b>
20336(30)	Session 11	06/16 – 07/24	TBA	TBA	TBA
<b>RDG 101</b>	<b>Analytical Reading Skills</b>				<b>Credit 3</b>
This course emphasizes analytical thinking and reading skills that are essential for interpreting college-level material. It is designed to strengthen the ability of students.					
20067(34)	Pre-College	06/23 - 07/24	MTWRF	10:00-11:45	PH 207
<b>SOC 205</b>	<b>Introduction to Sociology</b>				<b>Credit 3</b>
Introduction to the scientific study of society and social behavior. Emphasis on culture, social structure, social inequality, social institutions and social change.					
20201(38)	Session 11	06/16 - 07/24	M T W R F	10:00:-11:15	MLK 101
20417(33)	Pre-College	06/23 - 07/24	M T W R F	1:00 - 2:45	MLK 130
20409(39)	Pre-College	06/23 - 07/24	M T W R F	8:00 - 9:45	MLK 130



**SPA 101 Elementary Spanish Credit 3**

Introductory course designed to develop the four skills listening, speaking, reading and writing. Oral proficiency and communication competence stressed.

<b>20377(33)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>M T W R F</b>	<b>10:00 -11:50</b>	<b>MLK 128</b>
<b>20435(31)</b>	<b>Session 111</b>	<b>06/29 – 07/24</b>	<b>M T W R F</b>	<b>10:00 – 11:50</b>	<b>AR 214A</b>

**SPA 102 Elementary Spanish 11 Credit 3**

Introductory course designed to develop the four skills: listening, speaking, reading and writing. Oral proficiency & communication competence stressed. Prerequisite: SPA 101 or the equivalent

<b>20434(31)</b>	<b>Session 1</b>	<b>06/01 – 06/26</b>	<b>M T W R F</b>	<b>12:00 - 1:50</b>	<b>AR 241</b>
<b>20397(32)</b>	<b>Session 111</b>	<b>06/29 - 07/24</b>	<b>M T W R F</b>	<b>12:00 - 1:50</b>	<b>AR 241</b>

**SPA 201 Intermediate Spanish 1 Credit 3**

The continued development of listening, speaking, reading and writing skills. Includes reading of authentic texts.

Prerequisite: SPA 102 or the equivalent.

<b>20014(30)</b>	<b>Session 1</b>	<b>06/01 - 06/26</b>	<b>M T W R F</b>	<b>3:00-4:50</b>	<b>MLK 115</b>
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**SPA 202 Intermediate Spanish II Credit 3**

The continued development of listening, speaking, reading and writing skills. Includes reading in the arts and sciences.

Prerequisites: SPA 101- 102 or the equivalent.

<b>20015(32)</b>	<b>Session 111</b>	<b>06/29 - 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**THE 400 Co-op / Internship Credit 3-12**

Coordinated, structured off-campus work experience related to course of study in Theatre Arts. Work programs designated to provide a variety of practical experiences for the student.

<b>20059(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
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**THE 420 Individual Projects I Credit 3**

A course providing qualified students an opportunity to conduct research in a specific area of Theatre Arts. Areas studied vary with the needs and interests of the student and the faculty member supervising the project.

<b>20060(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20341(31)</b>	<b>Session 111</b>	<b>06/29 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>

**THE 421 Individual Projects II Credit 3**

A course providing qualified students an opportunity to conduct research in a specific area of Theatre Arts. Areas studied vary with the needs and interests of the student and the faculty member supervising the project.

<b>20061(30)</b>	<b>Session 11</b>	<b>06/16 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>
<b>20342(31)</b>	<b>Session 111</b>	<b>06/29 – 07/24</b>	<b>TBA</b>	<b>TBA</b>	<b>TBA</b>