

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.

20384(32)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20385(35)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20386(36)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20387(37)	6 week Session	06/15 – 07/23	TBA	TBA	TBA

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.

20388(31)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
20389(32)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
20390(33)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
20391(34)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
20401(35)	6 week Session	06/15 - 07/23	TBA	TBA	TBA

ARC 305 International Urban Travel Studio VII 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, 317 and MAT, 118, PHY 201.

20646(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
20647(31)	6 week Session	06/15 – 07/23	TBA	TBA	TBA

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.

20429(30)	6 week Session (Canada)	06/15 –07/23	TBA	TBA	TBA
20404(31)	6 week Session (France)	06/15 - 07/23	TBA	TBA	TBA

ARC 310 Structures 11 Credit 3
 An applied study of natural and engineered wood products in framing systems for buildings (beams, columns, trusses and connections). Prerequisite: ARC 309, MAT 118 and PHY 201.

20601(30)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
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ARC 414 Structures 111 Credit 3
 An applied study of steel and reinforced concrete behavior in structural applications for buildings. The influence of wind and seismic activity are examined and regulated applications from building codes. Prerequisites: ARC 213, 309, 310, 314, 315 and MAT118, PHY 201.

20600(30)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
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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.

20218(30)	6 week Session	06/15 - 07/23	M T W R F	10:00 – 11:50	AS 203
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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.

20219(30)	6 week Session	06/15 – 07/23	M T W R F	TBA	AS 203
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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.

20359(30)	6 week Session	06/15 – 07/23	M T W R	8:00 - 9:50	DU 314
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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.					
20454(30)	6 week Session	06/15 - 07/23	M T W R	10:00 - 11:50	DU 109
20455(79) (Lab)	6 week Session	06/15 - 07/23	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.					
20357(30)	6 week Session	06/15 - 07/23	M T W R	9:00 - 10:50	DU 103
20358(79) (Lab)	6 week Session	06/15 - 07/23	M W	1:00 - 2:50	DU 209
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.					
20398(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
20480(32)	6 week Session	06/15 - 07/23	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.					
20519(30)	6 week Session	06/15 - 07/23	M T W R F	8:00 - 12:00	ST 214
CDS 618	Advanced Clinical Practicum				Credit 1-3
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.					
20224(30)	6 week Session	06/15 - 07/23	M T W R F	8:00 - 1:50	ST 321
20225(31)	6 week Session	06/15 - 07/23	M T W R F	8:00 - 1:50	ST 321
CDS 622	Family Intervention Strategies in Communication Disorders				Credit 3
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.					
20226(30)	6 week Session	06/15 - 07/23	M W	2:00- 4:50	ST 321
CDS 625	Motor Speech Disorders				Credit 3
Course content will include a thorough study of the motor system, its components, its structure and its function. An intense evaluation of dysarthria and apraxia of speech, their etiologies, evaluation and specific treatment recommendations will be discussed. Management strategies for patients/clients of various ages from diverse backgrounds with diverse etiologies and characteristics will be reviewed, demonstrated and evaluated. Prerequisites: CDS 224, 227, 228, 300, 305, 310, 331, 431, and 438.					
20533(30)	6 week Session	06/15 - 07/23	T R	2:00 - 4:50	ST 214
CDS 702	Graduate Comprehensive				Credit 1
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.					
20227(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
CHE 214	Basic Research Topics in Chemistry				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 chemistry. This course may be taken twice. Prerequisite: Consent of the research mentor. "Graded on S/U basis only".					
20234(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA

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.					
20235(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
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.					
20236(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
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.					
20237(30)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
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.					
20238(30)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
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.					
20512(31)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
20513(32)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
20520(33)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
CHE 681	Thesis				Credit 4
20240(30)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
CHE 700	Thesis Registration				Credit 1
20241(30)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20527(31)	6 week Session	06/15 – 07/23	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.					
20223(38)	6 week Session	06/15 - 07/23	M T W R F	11:00-12:15	AR 220
20220(30)	Pre-College	06/22 - 07/23	M T W R F	1:00 - 2:45	AR 221
20221(31)	Pre-College	06/22 - 07/23	M T W R F	10:00-11:45	AR 221
20247(33)	Pre-College	06/22 - 07/23	M T W R F	8:00 - 9:45	AR 221
20411(35)	Pre-College	06/22 - 07/23	M T W R F	8:00 - 9:45	AR 241
20412(37)	Pre-College	06/22 - 07/23	M T W R F	10:00-11:45	AR 241
20343(39)	Pre-College	06/22 - 07/23	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.					
20469(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA

COU 618 Counseling Practicum Credit 3
 Students 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 interaction that averages one hour per week of individual and/or triadic supervision by a program faculty, a student supervisor, or a site supervisor who is working in biweekly consultation with a program faculty member. Audio/ video recordings or live supervision of the student's interaction with clients must be conducted. A formal evaluation will be conducted. Classes will be limited to approximately 12 students. Specific ethical and legal standards will be discussed. This course may be taught in conjunction with internship courses. Prerequisite: COU 619.

20628(30) 8 week Session 06/1 – 07/23 TBA TBA TBA

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.

20470(30) 6 week Session 06/15 – 07/23 TBA TBA TBA

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.

20631(30) 8 week Session 06/1 – 7/23 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.

20633(30) 8 week Session 06/1 – 07/23 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.

20426(30) 6 week Session 06/15 – 07/23 TBA TBA TBA

20634(01) 8 week Session 06/1 – 07/23 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.

20632(30) 8 week Session 06/1 – 07/23 W 4:00 - 6:45pm 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.					
20431(33)	Pre-College	06/22 - 07/23	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).					
20305(EK)	6 week Session	06/15- 07/23	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.					
20208(34)	6 week Session	06/15 - 07/23	M T W R F	11:00-12:15	ST 103
20450(35)	6 week Session	06/15 - 07/23	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.					
20209(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
CSC 700	Thesis Registration				Credit 1
20210(30)	6 week Session	06/15- 07/23	TBA	TBA	TBA
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.					
20345(31)	6 week Session	06/15 – 07/23	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.					
20246(30)	Pre-College	06/22 - 07/23	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.					
20468(30)	Pre-College	06/22 – 07/23	M T W R F	10:00 - 11:45	OL 128
EGR 191	Introduction to Research Topics in Engineering				Credit 1-3
Designed for freshman level undergraduates. Emphasis will be placed upon introduction to areas of engineering research, regular attendance at appropriate seminars, techniques of literature searches, and background study. This course may be taken twice. Prerequisite: Consent of the department chairman.					
20534(30)	Pre-College	6/22 – 07/23	M T W R F	3:30 – 5:15	TBA
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.					
20462(30)	6 week Session	06/15 – 07/23	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.
20463(30) 6 week Session 06/15 – 07/23 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.
20464(31) 6 week Session 06/15 - 07/23 TBA TBA TBA
20465(32) 6 week Session 06/15 - 07/23 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.
20381(33) Pre-College 06/22 - 07/23 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.
20269(30) Pre-College 06/22 - 07/23 M T W R F 8:00 - 9:45 AR 220
20228(31) Pre-College 06/22 - 07/23 M T W R F 10:00 - 11:45 AR 115
20251(33) Pre-College 06/22 - 07/23 M T W R F 1:00 - 2:45 AR 214A
20229(36) Pre-College 06/22 - 07/23 M T W R F 8:00 - 9:45 AR 214A
20342(38) Pre-College 06/22 - 07/23 M T W T F 1:00 - 2:45 AR 220
20230(39) Pre-College 06/22 - 07/23 M T W R F 10:00 -11:45 AR 338
20231(41) Pre-College 06/22 - 07/23 M T W R F 1:00 - 2:45 AR 235
20232(42) Pre-College 06/22 - 07/23 M T W R F 10:00 -11:45 AR 236
20257(45) Pre-College 06/22 - 07/23 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".
20233 (H30) Pre-College 06/22 - 07/23 M T W R F 10:00-11:45 ST 336
20402 (H31) Pre-College 06/22 - 07/23 M T W R F 3:00- 4:45 AR 221
20474 (H32) Pre-College 06/22 - 07/23 M T W R F 8:00 - 9:45 AR 115
****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.
20275(30) 6 week Session 06/15 - 07/23 TBA TBA TBA

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.**
20265(30) 6 week Session 06/15 – 07/23 TBA TBA TBA

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.					
20217(30)	6 week Session	06/15 - 07/23	M T W R F	10:00-11:50	HO 163
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.					
20214(31)	6 week Session	06/15 - 07/23	M T W R F	9:30-10:45	MLK 103
20264(34)	Pre-College	06/22 - 07/23	M T W R F	8:00-9:45	MLK 128
20338(35)	Pre-College	06/22 - 07/23	M T W R F	8:00-9:45	MLK 117
20339(36)	Pre-College	06/22 - 07/23	M T W R F	10:00-11:45	MLK 117
20260(37)	Pre-College	06/22 - 07/23	M T W R F	10:00-11:45	MLK 113
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.					
20312(31)	6 week Session	06/15 - 07/23	M T W R F	3:00-4:50	MLK 112
20370(32)	Pre-College	06/22 - 07/23	M T W R F	1:00-2:45	MLK 101
20475(33)	Pre-College	06/22 - 07/23	M T W R F	1:00-2:45	MLK 129
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.					
20215(30)	6 week Session	06/15 - 07/23	M T W R F	9:30 -10:45	MLK 129
20501(31)	Pre-College	06/22 - 07/23	M T W R F	1:00 - 2:45	DU 109
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.					
20216(30)	6 week Session	06/15 - 07/23	M T W R F	12:30-1:45	TU 140
JAC 105	Grammar and AP Style				Credit 3
This course provides students with a fundamentally sound understanding of grammar usage and sentence structure, enabling them to write with clarity, sophistication and an appreciation for the guiding principles of media writing indicative of professionals in the field. This course will use the Electronic Grammar Usage Mechanics Proficiency Program (EGUMPP) modules, a web-based solution that uses a building-block approach to present and teach the lesson concepts. The lesson concepts will be applied through practical, interactive exercises that promote authentic learning and genuine understanding for teaching English grammar, usage, punctuation, and writing mechanics. Students also will receive instruction in using the Associated Press Stylebook, a newspaper industry standard guide for grammar, punctuation, principles and practices of reporting used by broadcasters, magazines, digital media companies and public relations firms. Required of all majors and minors.					
20551(30)	6 week Session	06/15 - 07/23	M T W R F	11:00 -12:15	SH 220
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.					
20348(30)	6 week Session	06/15 - 07/23	M T W R F	8:00 - 9:15	SH 148

JAC 405	Media Law				Credit 3
This course examines the various laws that affect journalism and other communications professions. It includes the First Amendment, libel, copyright, privacy telecommunications regulations and obscenity laws. This course is designed to introduce students to legal concepts pertinent to the communications industries. It will investigate the dynamic nature of the First Amendment through the evaluation of precedents and legal proceedings. Prerequisites: JAC 105 and JAC 110.					
20552(30)	6 week Session	06/15 – 07/23	M T W R F	11:00-12:15	SH TBA
JAC 460	Independent Study in Journalism & Comm				Credit 1- 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.					
20267(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
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.					
20410(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
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.					
20377(30)	Pre-College	06/22 – 07/23	M T W R F	8:00-9:45	DU 109
20423(31)	Pre-College	06/22 - 07/23	M T W R F	10:00-11:45	ST 311
20424(32)	Pre-College	06/22 - 07/23	M T W R F	1:00- 2:45	ST 312A
MAT 105	Intermediate Algebra				Credit 3
Review of fundamental operations, algebraic fractions, ratio, proportion & variation, exponents and radicals, inequalities, relations and functions, quadratic equations. \$2.00 Fee.					
20242(30)	Pre-College	06/22 - 07/23	M T W R F	10:00-11:45	TBA
20347(31)	Pre-College	06/22 - 07/23	M T W R F	8:00- 9:45	ST 105
20243(32)	Pre-College	06/22 - 07/23	M T W R F	1:00- 2:45	PH 208
20510(33)	Pre-College	06/22 –07/23	M T W R F	10:00-11:45	ST 105
20511(34)	Pre-College	06/22 - 07/23	M T W R F	3:00- 4:45	ST 105
20332(39)	Pre-College	06/22 - 07/23	M T W R F	10:00- 11:45	ST 104
MAT 109	College Math I				Credit 3
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. Liner programming. Prerequisite: MAT 100 or by placement.					
20371(30)	Pre-College	06/22 - 07/23	M T W R F	10:00 -11:45	ST 312B
20372(31)	Pre-College	06/22 - 07/23	M T W R F	8:00- 9:45	ST 320
20373(35)	Pre-College	06/22 - 07/23	M T W R F	1:00- 2:45	DU 314
MAT 110	College Math II				Credit 3
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.					
20302(30)	6 week Session	06/15 - 07/23	M T W R F	12:30 - 1:45	ST 105
20344(31)	Pre-College	06/22 - 07/23	M T W R F	10:00-11:45	ST 112
20374(35)	Pre-College	06/22 - 07/23	M T W R F	1:00 - 2:45	ST 112
MAT 117	Pre-Calculus I				Credit 3
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.					
20244(32)	6 week Session	06/15 - 07/23	M T W R F	11:00-12:15	ST 320
20403(35)	Pre-College	06/22 - 07/23	M T W R F	1:00- 2:45	ST 320
20306(31)	Pre-College	06/22 - 07/23	M T W R F	10:00-11:45	ST 312A

MAT 118	Pre-Calculus II				Credit 3
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.					
20472(31)	Pre-College	06/22 - 07/23	M T W R F	1:00 - 2:45	ST 311
MAT 130	Calculus				Credit 3
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.					
20245(31)	6 week Session	06/15 - 07/23	M T W R F	8:00 - 9:15	DU 110
MAT 205	Introduction to Statistics				Credit 3
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.					
20495(30)	6 week Session	06/15 - 07/23	M T W R F	8:00 - 9:15	ST 104
MAT 206	Mathematics Foundations				Credit 3
Logic. Algebra of sets. Nature of mathematical proofs. Mathematical induction. Recursion. Elementary number theory. Relations and functions. Algebraic structure. Prerequisite: MAT 151 or above.					
20467(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
****Need Dept. Chair Permission****					
MAT 300	Cooperative Work-Study Exp				Credit 3-12
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.					
20291(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
MAT 681	Thesis				Credit 4
This course documents completion of the written Master's thesis and oral defense of that thesis					
20277(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
MAT 695	Topics in Applied Math				Credit 1-9
Covers some topics in applied mathematics based on the students' needs. Prerequisite: Approval of the department.					
20278(30)	6 week Session	06/15 - 07/23	M T W R F	10:00-11:45	AS 111
MAT 698	Research Problems				Credit 3
Participation in research projects either in collaboration with faculty supervisor or independent research problem. Prerequisite: Approval of the department.					
20262(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
MAT 699	Independent Study				Credit 1-9
20276(30)	6 week Session	06/15 - 07/23	M T W R F	TBA	TBA
****Need Dept. Chair Permission****					
MAT 700	Thesis Registration				Credit 1
20263(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
MAT 702	Master's Comprehensive Exam				Credit 1
This credit does not count towards the degree. Graded S/U only.					
20279(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
MBA 211	Lower Division Internship				Credit 1
Prerequisite MBA 203; Permission of Director and Internship coordinator. Full time affiliations as an intern with a School of Business Qualified corporation or firm.					
20282(31)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
20289(32)	6 week Session	06/15 - 07/23	TBA	TBA	TBA

20492(36)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20500(39)	6 week Session	06/15 – 07/23	TBA	TBA	TBA

MBA 511 Graduate Internship Credit 1

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.

20283(31)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
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MGT 312 Personnel / Human Resources Management Credit 3

Principles and practices of human resource administration, including employee recruitment, selection, placement, training, performance evaluation, compensation, benefits, labor relations, safety, and health will be covered. The strategic role of human resources, equal opportunity, managing careers and fair treatment, and the role of human resources in international business will be also be explored. The course emphasizes practical application and preparation for success as a manager. Prerequisite: MGT 301.

20556(30)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
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MRT 429 Recording Studio Internship Credit 4

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. **For Majors Only.**

20284 (30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
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NUR 215 Foundations of Nursing Credit 4

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. **For Majors Only.**

20330(30)	8 week Session	06/01 - 07/23	M W	9:00 - 11:50	WF 101
20364(31)	8 week Session	06/01 - 07/23	M W	9:00 - 11:50	WF 101
20536(32)	8 week Session	06/01 – 07/23	M W	9:00 - 11:50	WF 101

NUR 216 Foundation of Nursing: Practical Nursing Credit 4

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.

For Majors Only.

20331(30)	8 week Session	06/01 - 07/23	T R	7:00 – 4:50	WF 212
20365(31)	8 week Session	06/01 - 07/23	T R	7:00 – 4:50	WF 212
20366(32)	8 week Session	06/01 - 07/23	T R	7:00 – 4:50	WF 213
20444(33)	8 week Session	06/01 - 07/23	T R	7:00 – 4:50	WF 213
20445(34)	8 week Session	06/01 - 07/23	T R	9:00 – 4:50	WF 213
20446(35)	8 week Session	06/01 - 07/23	T R	9:00 – 4:50	WF 211
20447(36)	8 week Session	06/01 - 07/23	T R	9:00 – 4:50	WF 211

NUR 300 Special Topics in Nursing Credit 2

A tutorial for the five major clinical nursing courses and the Professional Development seminar. Content for each section will be specific to the related nursing courses. The following section numbers correspond to the respective co-requisite courses. Section 01 NUR 345, Section 02 NUR 355, Section 03 – NUR 455, Section 04 NUR 445, Section 05 – NUR 215, Section 06 HU-VETS, and Section 07 – NUR 419 (by permission only). Prerequisites: Same as major nursing or seminar course. Corresponding semester of major course offering. For majors only.

20535(35)	8 week Session	06/01 - 07/23	M W	1:00 – 2:50	WF 126
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NUR 514	Advanced Physical Assessment (Hybird)				Credit 4
Builds on skills and knowledge pertaining to the conceptual framework. Provides an opportunity to collect and analyze data with a variety of advanced skills and techniques that expand the nursing process for individual clients. Prerequisite undergraduate physical assessment course. Fall and Four (4) semester hours and two (2) lecture hours per week. Eight (8) clinical laboratory hours including one (1) clinical consultation hour per week. Additional laboratory fee.					
20549(30)	8 week Session	06/01 - 07/23	M W	4:00 – 5:50	WF 126
20637(60)	Hybrid Lab		TBA	TBA	TBA 20638(61)
NUR 608	Advanced Pathophysiology				Credit 3
Course is designed for understanding the basic concepts of diseases processes in the human body. Knowledge of disease processes will be helpful in the development of a treatment plan that includes realistic goals and is consistent with the prognosis of the disease. Part I: General Pathology Basic problems of disease processes that may involve any organ of the body. Part. II: Systemic pathology which deals with the pathophysiologic processes that affect specific tissues and organ systems of the body. A clinical pathological approach.					
20550(30)	8 week Session	06/01 – 07/23	T R	4:00 – 4:50	WF 126
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					
20394(30)	6 week Session	06/15 – 07/23		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)					
20395(30)	6 week Session	06/15 – 07/23		TBA	TBA HO 134
PED 494	Internship Athletics Administration				Credit 12
Students in this course will be assigned to schools, colleges, universities, commercial sport centers, health clubs, professional organizations and other sport management specific experiences					
20561(30)	6 week Session	06/15 – 07/23		TBA	TBA TBA
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.					
20484(30)	6 week Session	06/15 – 07/23		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.					
20485(30)	6 week Session	06/15 – 07/23		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.					
20458(30)	6 week Session	06/15 – 07/23		TBA	TBA TBA
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.					
20457(30)	6 week Session	06/15 – 07/23	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.					
20558(30)	6 week Session	06/15 - 07/23		TBA	TBA TBA

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.					
20369(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
PHA 314	Medicinal Chemistry				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					
20595(30)	8 week Session	06/1 – 7/23	TBA	TBA	TBA
PHA 321	Anatomy / Applied Physiology				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.					
20595(30)	8 week Session	06/1 – 07/23	TBA	TBA	TBA
20611(31)	8 week Session	06/1 – 07/23			
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.					
20569(30)	8 week Session	06/1 – 07/23	TBA	TBA	TBA
PHA 399	Research Capstone				Credit 1
Capstone course designed to provide students with an opportunity to demonstrate their knowledge and apply theory to practice through a practical experience in a research environment.					
20612(30)	8 week Session	06/1 – 07/23	TBA	TBA	TBA
PHA 405	Pharmacology & Pathophysiology II				Credit 5
This sequence of courses are organized by disease states / organ systems and provide each student with basic knowledge of pathophysiology and pharmacology, thus enabling them to manage disease states, establish rational treatment and realistic outcomes, and provide parameters to monitor the progression of disease.					
20613(30)	8 week Session	06/1 – 07/23	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.					
20570(30)	8 week Session	06/1 – 07/23	TBA	TBA	TBA
PHS 484	Drugs and Disease Management 111				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					
20614(30)	8 week Session	06/1 – 07/23	TBA	TBA	TBA

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.

20571(30) 8 week Session 06/1 – 07/23 TBA TBA TBA

PHA 581 Drugs and Disease Management IV
 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.

20615(30) 8 week Session 06/1 - 07/23 TBA TBA TBA

PHA 585 Drugs and Disease Management VI
 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.

20616(30) 8 week Session 06/1 - 07/23 TBA TBA TBA

PHA 586 Drugs and Disease Management V11
 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.

20617(30) 8 week Session 06/1 – 07/23 TBA TBA 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.

20572(30) 8 week Session 06/1 – 07/23 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.

20573(30) 8 week Session 06/1 – 07/23 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.

20574(30) 8 week Session 06/1 – 07/23 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.					
20575(30)	8 week Session	06/1 - 07/23	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.					
20576(30)	8 week Session	06/1 - 07/23	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.					
20577(30)	8 week Session	06/1 – 07/23	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					
20578(30)	8 week Session	06/1 – 07/23	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.					
20579(30)	8 week Session	06/1 – 07/23	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.					
20580(30)	8 week Session	06/1 – 07/23	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.					
20581(30)	8 week Session	06/1 – 07/23	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.					
20582(30)	8 week Session	06/1 – 07/23	TBA	TBA	TBA
PHA 683	Geriatrics				Credit 4
Impatient 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 impatient 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.					
20583(30)	8 week Session	06/1 - 07/23	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.					
20584(30)	8 week Session	06/1- 07/23	TBA	TBA	TBA
PHA 685	Administration/Management				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.					
20585(30)	8 week Session	06/1 - 07/23	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 access for drug interactions and adverse drug reactions. Prerequisites: Successful completion of all P-1, P-2 and P-3 courses.					
20586(30)	8 week Session	06/1 - 07/23	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.					
20587(30)	8 week Session	06/1 - 07/23	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.					
20588(30)	8 week Session	06/1 - 07/23	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.				
20589(30)	8 week Session	06/1 - 07/23	TBA	TBA
PHA 695	Drug Information APPE			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.				
20590(30)	8 week Session	06/1 - 07/23	TBA	TBA
PHA 696	Elective Clerkship 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.				
20591(30)	8 week Session	06/1 - 07/23	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.				
20592(30)	8 week Session	06/1 - 07/23	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.				
20593(30)	8 week Session	06/1 - 07/23	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.				
20594(30)	8 week Session	06/1 - 07/23	TBA	TBA
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.				
20285(30)	8 week Session	6/01 – 07/23	TBA	PH 213A
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				

PHY 668	Research 111				Credit 2
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.					
20298(30)	6 week Session	06/01 – 07/23	TBA	TBA	TBA
PHY 191	Introduction Research Topics in Physics				Credit 1-3
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.					
20451(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
PHY 291	Basic Research Topics				Credit 1-6
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.					
20249(31)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
PHY 391	Intermediate Research Topics in Physics				Credit 1-9
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.					
20250(31)	6 week Session	06/15– 07/23	TBA	TBA	TBA
PHY 491	Senior Research Topics Physics				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 physics seminar series is also required. This course may be taken twice. Prerequisite: Consent of the research mentor.					
20268(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
PHY 616	Research Problems I				Credit 1- 12
Research on problems leading to a master's thesis.					
20299(40)	6 week Session \	06/15 - 07/23	TBA	TBA	TBA
PHY 617	Research Problems II				Credit 1-12
Research on problems leading to a thesis or dissertation.					
20442 (31)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
PHY 681	Thesis				Credit 3
20204(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
PHY 700	Thesis Registration				Credit 1
20205(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA
PHY 791	Dissertation Research				Credit 1-12
Research on problems leading to a dissertation.					
20350(30)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20351(31)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20352(32)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20353(34)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20354(35)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20355(37)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
20356(38)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
PHY 797	Dissertation Registration				Credit 1
20206(30)	6 week Session	06/15 - 07/23	TBA	TBA	TBA

PHY 798 20207(30)	Doctoral Final Oral Comp Exam 6 week Session	06/15 - 07/23	TBA	TBA	Credit 1 TBA
PSY 203 20336(30)	Introduction to Psychology 6 week Session	06/15 – 07/23	M T W R F	3:00 - 4:15	Credit 3 MLK 117
20340(31)	Pre-College	06/22 - 07/23	M T W R F	10:00 - 11:45	MLK 112
20341(32)	Pre-College	06/22 – 07/23	M T W R F	8:00 - 9:45	MLK 115
PSY 672 20562(30)	Integrative Project in Psychology 1 6 week Session	06/15 - 07/23	TBA	TBA	Credit 1-3 TBA
20563(31)	6 week Session	06/15 – 07/23	TBA	TBA	TBA
PSY 699 20564(30)	Thesis 11 6 week Session	06/15 – 07/23	TBA	TBA	Credit 1 TBA
RDG 101 20261(34)	Analytical Reading Skills Pre-College	06/22 - 07/23	MTWRF	1:00-2:45	Credit 3 PH 207
SOC 205 20514(33)	Introduction to Sociology Pre-College	06/22 - 07/23	M T W R F	1:00 - 2:45	Credit 3 MLK 130
20509(39)	Pre-College	06/22 - 07/23	M T W R F	8:00 - 9:45	MLK 130
SPA 101 20529(31)	Elementary Spanish 6 week Session	06/15 – 07/23	M T W R F	10:00 – 11:50	Credit 3 AR TBA
SPA 102 20505(32)	Elementary Spanish 11 6 week Session	06/15 - 07/23	M T W R F	12:00 - 1:50	Credit 3 AR 241
THE 400 20253(30)	Co-op / Internship 6 week Session	06/15 – 07/23	TBA	TBA	Credit 3-12 TBA
THE 420 20254(30)	Individual Projects I 6 week Session	06/15 – 07/23	TBA	TBA	Credit 3 TBA

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.

20255(30)

6 week Session

06/15 – 07/23

TBA

TBA

TBA