

**2009-2010 ACADEMIC YEAR**  
**ALBANY MEDICAL COLLEGE GRADUATE STUDIES PROGRAM**  
**FALL 2009 BASIC SCIENCE COURSES REQUIRED FOR THE FIRST YEAR CURRICULUM**  
**REVISED 8/17/09**

FALL 2009 – CORE COURSES TAKEN BY FIRST YEAR STUDENTS IN THE CENTER FOR CARDIOVASCULAR SCIENCES	FALL 2009 – CORE COURSES TAKEN BY FIRST YEAR STUDENTS IN THE CENTER FOR CELL BIOLOGY & CANCER RESEARCH	FALL 2009 – CORE COURSES TAKEN BY FIRST YEAR STUDENTS IN THE CENTER FOR IMMUNOLOGY & MICROBIAL DISEASE	FALL 2009 – CORE COURSES TAKEN BY FIRST YEAR STUDENTS IN THE CENTER FOR NEUROPHARMACOLOGY & NEUROSCIENCE
AMC 500 – BIOCHEMISTRY 4 CREDITS – M-W-F 9:00-11:00 –8/31-12/11 MS-316 -DR. HERRICK-DAVIS	AMC 500 – BIOCHEMISTRY 4 CREDITS – M-W-F 9:00-11:00 –8/31-12/11 MS-316 -DR. HERRICK-DAVIS	AMC 500 – BIOCHEMISTRY 4 CREDITS – M-W-F 9:00-11:00 –8/31-12/11 MS-316 -DR. HERRICK-DAVIS	AMC 500 – BIOCHEMISTRY 4 CREDITS – M-W-F 9:00-11:00 –8/31-12/11 MS-316 -DR. HERRICK-DAVIS
AMC 502 – RESEARCH COLLOQUIUM IN THE BIOMEDICAL SCIENCES 1 CREDIT –THURS. 12:00-1:30– 9/10-12/17 MS-316 - DR. FLECK	AMC 502 – RESEARCH COLLOQUIUM IN THE BIOMEDICAL SCIENCES 1 CREDIT –THURS. 12:00-1:30– 9/10-12/17 MS-316 - DR. FLECK	AMC 502 – RESEARCH COLLOQUIUM IN THE BIOMEDICAL SCIENCES 1 CREDIT –THURS. 12:00-1:30– 9/10-12/17 MS-316 - DR. FLECK	AMC 502 – RESEARCH COLLOQUIUM IN THE BIOMEDICAL SCIENCES 1 CREDIT –THURS. 12:00-1:30– 9/10-12/17 MS-316 - DR. FLECK
AMC 505 – MOLECULAR CELL BIOLOGY– 4 CREDITS TU-TH–9:00-11:00- 9/1-12/17 - MS-316 DR. LAFLAMME	AMC 505 – MOLECULAR CELL BIOLOGY– 4 CREDITS TU-TH–9:00-11:00- 9/1-12/17 - MS-316 DR. LAFLAMME	AMC 505 – MOLECULAR CELL BIOLOGY– 4 CREDITS TU-TH–9:00-11:00- 9/1-12/17 - MS-316 DR. LAFLAMME	AMC 505 – MOLECULAR CELL BIOLOGY– 4 CREDITS TU-TH–9:00-11:00- 9/1-12/17 - MS-316 DR. LAFLAMME
**AMC 507 – INTRODUCTION TO SCIENTIFIC INTEGRITY 0 CREDIT- 3-TWO-HOUR SESSIONS – TUES. –1:00-3:00 10/6, 10/20, 10/27 – J-307 - DR. KAPLAN	**AMC 507 – INTRODUCTION TO SCIENTIFIC INTEGRITY 0 CREDIT- 3-TWO-HOUR SESSIONS – TUES. –1:00-3:00 10/6, 10/20, 10/27 – J-307 - DR. KAPLAN	**AMC 507 – INTRODUCTION TO SCIENTIFIC INTEGRITY 0 CREDIT- 3-TWO-HOUR SESSIONS – TUES. –1:00-3:00 10/6, 10/20, 10/27 – J-307 - DR. KAPLAN	**AMC 507 – INTRODUCTION TO SCIENTIFIC INTEGRITY 0 CREDIT- 3-TWO-HOUR SESSIONS – TUES. –1:00-3:00 10/6, 10/20, 10/27 – J-307- DR. KAPLAN
<b>PLEASE NOTE: FIRST YEAR CCS STUDENTS DO NOT REGISTER FOR CS 502 – RESEARCH COLLOQUIUM, IN THE FALL SEMESTER OF THEIR FIRST YEAR, BUT DO SO IN THE SPRING SEMESTER</b>	<b>PLEASE NOTE: FIRST YEAR CCB CR STUDENTS DO NOT REGISTER FOR CBCR 502 – JOURNAL CLUB, IN THE FALL SEMESTER OF THEIR FIRST YEAR, BUT DO SO IN THE SPRING SEMESTER</b>	IMD 502A-RESEARCH COLLOQUIUM - 1 CREDIT TUES-4:00-5:00 - 9/1-12/29 MS-316- DR. de NORONHA	<b>PLEASE NOTE: FIRST YEAR CNN STUDENTS DO NOT REGISTER FOR NEU 502 – JOURNAL CLUB, IN THE FALL SEMESTER OF THEIR FIRST YEAR, BUT DO SO IN THE SPRING SEMESTER</b>
CS 504A - RESEARCH TECHNIQUES IN BIOMEDICAL SCIENCES 1 CREDIT – TBA DR. VINCENT	CBCR 504A – RESEARCH TECHNIQUES IN BIOMEDICAL SCIENCES 1 CREDIT – TBA DR. DIPERSIO	IMD 504A – RESEARCH TECHNIQUES IN BIOMEDICAL SCIENCES 1 CREDIT – TBA DR. FRIEDRICH	NEU 504A – RESEARCH TECHNIQUES IN BIOMEDICAL SCIENCES 1 CREDIT – TBA DR. KELLER

**2009-2010 ACADEMIC YEAR**  
**FALL 2009 COURSE LISTING - ALBANY MEDICAL COLLEGE GRADUATE STUDIES PROGRAM**  
**COURSES & ELECTIVES FOR STUDENTS IN THEIR SECOND YEAR AND BEYOND**

CARDIOVASCULAR SCIENCES	CELL BIOLOGY & CANCER RESEARCH	IMMUNOLOGY & MICROBIAL DISEASE	NEUROPHARMACOLOGY & NEUROSCIENCE	OTHER AMC AND AMC/BMS JOINT COURSES
CS 501 – RESEARCH - TBA	CBCR 501 – RESEARCH – TBA	IMD 501 – RESEARCH - TBA	NEU 501 – RESEARCH – TBA	AMC 612 – DISCUSSIONS IN SCIENTIFIC INTEGRITY – 1 CREDIT WED – 11:00-12:00 – 9/9 – 12/16 – A-303 D&E - DR. KAPLAN
CS 502–RESEARCH COLLOQUIUM 1 CREDIT – FRI-12:00-1:00 9/4-12/18 – MS-316-DR. SCHWARZ	CBCR 502 – JOURNAL CLUB 1 CREDIT - TBA	IMD 502A - RESEARCH COLLOQUIUM-1 CREDIT TU-4:00-5:00-9/1-12/29 - MS-316 DR. de NORONHA	NEU 502 – JOURNAL CLUB 1 CREDIT–FRI-12:00- 1:00 9/11-12/18 – MS-518 - DR. FLECK	
<b>*CS 605 – CELLULAR AND MOLECULAR BASIS OF CARDIOVASCULAR DISEASE 3 CREDITS-TU-TH- 9:00-11:00 -- 9/10-12/17 - MS-416 – DRS. SINGER &amp; VINCENT</b>	CBCR 605 – CANCER CELL BIOLOGY – 3 CREDITS – TBA – MS-333 – DR. PUMIGLIA	IMD 620 - SPECIAL TOPICS IN IMMUNOLOGY & MICROBIAL DISEASE; 1 CREDIT; DATE/TIME TBA MS-227 –DR. CANKI	<b>*NEU 605 – NEUROANATOMY &amp; NERVOUS SYSTEM DISORDERS 3 CREDITS – TU-TH – 12:45-2:15 – 9/8-12/17 – MS-518 – DR. SNYDER-KELLER</b>	
			NEU 605L – NEUROANATOMY LABORATORY – 1 CREDIT – MON. - 10:00-12:00 – 9/14 – 12/21 J-305 - DRS. LINDSLEY & KITE	
			NEU 614 – BIOLOGY OF ADDICTION – 2 CREDITS – TU-TH – 3:00-4:00 – TBA - MS-518 DRS. GLICK & CARLSON	
			NEU 617-MOLECULAR MECHANISMS OF CELL DEATH & NEUROPROTECTION IN STROKE & ISCHEMIA-2 CREDITS-M-W-3:00-4:30- TBA-MS-518 – DRS. MONGIN & KELLER	
			NEU 620 – TUTORIAL IN NEUROPHARMACOLOGY & NEUROSCIENCE -1-3 CREDITS TBA	

\* = FLAGSHIP COURSES

2009-2010 AMC GSP COURSE LISTINGS-Final REV. 8-17-09.doc

**ALBANY MEDICAL COLLEGE GRADUATE STUDIES PROGRAM - SPRING 2010 COURSE LISTINGS – 2009-2010 ACADEMIC YEAR**

<b>CARDIOVASCULAR SCIENCE</b>	<b>CELL BIOLOGY &amp; CANCER RESEARCH</b>	<b>IMMUNOLOGY &amp; MICROBIAL DISEASE</b>	<b>NEUROPHARMACOLOGY &amp; NEUROSCIENCE –</b>	<b>OTHER AMC AND AMC//BMS JOINT COURSES</b>
CS 501 – RESEARCH - TBA	CBCR 501 – RESEARCH - TBA	IMD 501 – RESEARCH-TBA	NEU 501 – RESEARCH – TBA	AMC 605 – COMMUNICATION IN SCIENCE – 1 CREDIT – MON – 4:00-6:00 –1/5-4/27 J-303 – DR. MAYERHOFER
CS 502 – RESEARCH COLLOQUIUM 1 CREDIT –FRI.-12:00-1:00–1/8-6/25 MS-316 - DR. SCHWARZ	CBCR 502 – JOURNAL CLUB 1 CREDIT – TBA	IMD 502A– RESEARCH COLLOQUIUM 1 CREDIT–TU.– 4:00-5:00 – 1/5-6/29 MS-316-- DR. de NORONHA	NEU 502 – JOURNAL CLUB 1 CREDIT – FRI.-12:00-1:00 1/8 -5/21 - MS-518 – DR. FLECK	AMC 626/BMS 504B – COMPREHENSIVE BIOCHEMISTRY: CELLULAR TRAFFICKING & BIOCHEMICAL BASIS OF DISEASE -3 CREDITS - TU-TH- 9:00-10:30 – 1/21-5/13 – MS-316 – DRS. MAZURKIEWICZ & KEITHLY
<b>**CS 504 B,C - RESEARCH TECHNIQUES IN BIOMEDICAL SCIENCES –1 CREDIT EACH–TBA DR. VINCENT</b>	<b>**CBCR 504 B,C - RESEARCH TECHNIQUES IN BIOMEDICAL SCIENCES –1 CREDIT EACH– TBA DR. DIPERSIO</b>	<b>**IMD 504 B,C - RESEARCH TECHNIQUES IN BIOMEDICAL SCIENCES –1 CREDIT EACH– TBA DR. FRIEDRICH</b>	<b>**NEU 504 B,C- RESEARCH TECHNIQUES IN BIOMEDICAL SCIENCES –1 CREDIT EACH– TBA DR. KELLER</b>	
<b>CS 601 – MOLECULAR CONTROL OF VASCULAR CELL CYTOSKELETAL PROTEINS – 3 CREDITS – TU-TH – 9:00-11:00 – TBA - MS-416 – DRS. SINGER &amp; VINCENT- DATES TBA</b>	<b>*CBCR 603– SIGNAL TRANSDUCTION 3 CR.- M-W-F-9:30-11:30 – 1/8-3/15 MS-333 – DR. LENNARTZ</b>	<b>•IMD 608- IMMUNOLOGY 3 CREDITS, TU-TH-9:00-11:00 1/5-5/27– MS-227 - DR. DRAKE</b>	NEU 503A, B, C, D – SELECTED TOPICS IN NEUROSCIENCE 1 CREDIT – WEDS–1:30-3:00 1/6-6/23 - MS-316 DR. JACOBSON	
<b>•CS 608 – CARDIOVASCULAR PHYSIOLOGY – 3 CREDITS- START DATE – TBA – SEE SYLLABUS FOR DETAILS-DR. LOEGERING</b>	<b>•CBCR 604–TISSUE REMODELING &amp; CELL MOTILITY-3 CREDITS-M-W-F- 9:30-11:30–4/2-5/28 -MS-333 DRS. DIPERSIO, MCKEOWN-LONGO &amp; VAN DE WATER</b>	<b>•IMD 609 – MICROBIAL DISEASE 4 CREDITS – M-W-F-9:00-11:00 1/4-5/28– MS-227 DR. ZHANG</b>	<b>•NEU 606-CELLULAR &amp; MOLECULAR NEUROSCIENCE 3 CREDITS-TU-TH-3:00-4:30 1/21-5/13 – MS-518 DR. KELLER</b>	
<b>•CS 609 – RESPIRATORY &amp; RENAL PHYSIOLOGY –4 CREDITS – TBA SEE SYLLABUS FOR DETAILS DRS. BELL &amp; FEUSTEL</b>	CBCR 606 – TRANSCRIPTIONAL CONTROL IN CANCER, INFLAMMATION & CARDIOVASCULAR DISEASES-3 CREDITS –M-W-F- 1:30-3:00 - 3/29-6/25 – MS-333 – DR. AVRAM	IMD 620 - SPECIAL TOPICS IN IMMUNOLOGY & MICROBIAL DISEASE; 1 CREDIT; DATES/TIME TBA MS-227 - DR. CANKI	<b>•NEU 607-FUNDAMENTALS OF PHARMACOLOGY-2 CREDITS MON-FRI-3:00-5:00-3/19-5/21 MS-518 - DR. HOUGH</b>	
			NEU 613-RECEPTOR PHARMACOLOGY – 2 CREDITS TU-TH 10:00-11:30- DATES TBA DR. TEITLER	
			NEU 620 – TUTORIAL IN NEUROPHARMACOLOGY & NEUROSCIENCE 1-3 CREDITS TBA	

PLEASE NOTE THAT ONE DIDACTIC CREDIT EQUALS 15 HOURS OF INSTRUCTION AND 1 RESEARCH CREDIT EQUALS 30 HOURS OF RESEARCH.

\*FLAGSHIP COURSES. \*\*COURSE TAKEN BY FIRST YEAR STUDENTS ONLY  
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