



**GRADUATE SCHOOL OF BASIC MEDICAL SCIENCES  
SPRING 2010 COURSE OFFERING**

INFORMATION AND INSTRUCTIONS FOR REGISTRATION PROCEDURES  
APPEAR IN A SEPARATE DOCUMENT

**FOR EACH COURSE YOU LIST ON THE REGISTRATION FORM, PLEASE LIST THE CLASS NUMBER FIRST, THE CATALOG NUMBER NEXT AND THEN THE COURSE TITLE AND THE NUMBER OF CREDITS. THIS WILL SAVE TIME IN REGISTERING FOR COURSES.**

Course Title: MAINTENANCE OF MATRICULATION: Class Number: 4820 Catalog Number: COREBMS 1000

"0" CREDIT. \$380.00 (*List your Program Director as the Instructor*)

**BIOCHEMISTRY AND MOLECULAR BIOLOGY**

| <u>Class #</u> | <u>Catalog #</u> | <u>Credits</u> | <u>Title/Instructor</u>  | <u>Day</u>     | <u>Time</u>   | <u>Room #</u> |
|----------------|------------------|----------------|--|----------------|---------------|---------------|
| 4751           | BIOC 1020        | 4              | General Biochemistry II - <i>Dr. Joseph M. Wu</i>                                  | Tues. & Thurs. | 4:00-6:00 pm  | Blue          |
| 4752           | BIOC 2330        | 2              | Vitamin and Mineral Metabolism<br><i>Dr. John Pinto</i>                            | Tuesday        | 4:00-6:00 pm  | 112           |
| 4753           | BIOC 2690        | 3              | Protein Structure and Function<br><i>Drs. Susan Olson &amp; Yuk-Ching Tse-Dinh</i> | Mon. & Wed.    | 4:00-5:30 pm  | 112           |
| 4754           | BIOC 8020        | 1              | Departmental Seminar and Journal Club<br><i>Dr. David Frick</i>                    | Wednesday      | 12:00-1:00 pm | 112           |
| 4755           | BIOC 8110        | 2              | Current Topics – <i>Dr. Joseph Wu</i>  | Wednesday      | 6:00-8:00 pm  | 112           |

**RESEARCH AND THESIS COURSES**

| <u>Class Number</u> | <u>Catalog Number</u> | <u>Credits</u> | <u>Title</u>   | <u>Instructor</u>      |
|---------------------|-----------------------|----------------|--|------------------------|
| 4756                | BIOC 9110             | 1              | Research Rotation in Biochemistry & Molecular Biology* | Dr. Yuk-Ching Tse-Dinh |
| 4757                | BIOC 9200             | 1              | Research Techniques in Biochem. & Molec. Biology*      | Dr. Yuk-Ching Tse-Dinh |
| 4758                | BIOC 9700             | 1              | Master's Independent Study                             | Dr. Joseph M Wu        |
| 4759                | BIOC 9800             | 1 – 5          | Master's Thesis Research                               | Dr. Joseph M. Wu       |
| 4760                | BIOC 9900             | 1              | Doctoral Dissertation Research*                        | Dr Yuk-Ching Tse-Dinh  |

\*Open to PhD Students Only

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| <b>CELL BIOLOGY</b> |
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| <b>Class #</b> | <b>Catalog #</b> | <b>Credits</b> | <b>Title/Instructor</b>                          | <b>Day</b>     | <b>Time</b>   | <b>Room #</b> |
|----------------|------------------|----------------|--|----------------|---------------|---------------|
| 4761           | CELL 1360        | 3              | Cell Biology<br><i>Dr. Ken Lerea &amp; staff</i> | Tues. & Thurs. | 6:00-7:30 pm  | Cooke         |
| 4762           | CELL 8010        | 1              | Departmental Seminar and Journal Club            | Thursday       | 12:00-1:00 pm | 210           |
| 4763           | CELL 8020        | 1              | Research Seminar<br><i>Dr. Victor Fried</i>      | Wednesday      | 2:00-3:00 pm  | 210           |

**RESEARCH AND THESIS COURSES**

| <b><u>Class Number</u></b> | <b><u>Catalog Number</u></b> | <b><u>Credits</u></b> | <b><u>Title</u></b>                               | <b><u>Instructor</u></b> |
|----------------------------|------------------------------|-----------------------|---|--------------------------|
| 4764                       | CELL 9110                    | 1                     | Research Rotation in Cell Biology & Neuroscience* | Dr. Joseph Etlinger      |
| 4765                       | CELL 9200                    | 1                     | Research Techniques in Cell Biology*              | Dr. Victor Fried         |
| 4766                       | CELL 9700                    | 1                     | Master's Independent Study                        | Dr. Victor Fried         |
| 4767                       | CELL 9800                    | 1- 5                  | Master's Thesis Research                          | Dr. Victor Fried         |
| 4768                       | CELL 9900                    | 1                     | Doctoral Dissertation Research*                   | Dr. Victor Fried         |

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| <b>EXPERIMENTAL PATHOLOGY</b> |
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| <b>Class #</b> | <b>Catalog #</b> | <b>Credits</b> | <b>Title/Instructor</b>   | <b>Day</b> | <b>Time</b>    | <b>Room #</b> |
|----------------|------------------|----------------|---|------------|----------------|---------------|
| 4769           | PATH 1090        | 3              | Systemic Pathology – <i>Dr. Fred Moy</i>  | Tuesday    | 6:00-9:00 pm   | 414           |
| 4770           | PATH 1110        | 3              | Fundamentals of Animal Research<br><i>Dr. Sulli Popilskis</i> (\$250 Lab Fee)               | Monday     | 5:00-8:00 pm   | 711, 712      |
| 4771           | PATH 1200        | 3              | Introduction to Epidemiology – <i>Dr. Fred Moy</i>  | Thursday   | 6:00-9:00 pm   | 414           |
| 4772           | PATH 2610        | 2              | Cancer Genetics and Cancer Biology<br><i>Dr. Meena Jhanwar-Uniyal</i>                       | Tuesday    | 4:00-6:00 pm   | 414           |
| 4773           | PATH 7010        | 1-2            | Directed Readings in Experimental Pathology<br><i>Topic and Instructor – To Be Arranged</i> |            | To Be Arranged |               |
| 4774           | PATH 8010        | 1              | Journal Club* – <i>Dr. Henry Godfrey</i>  | Monday     | 12:00-1:00 pm  | 414           |

**RESEARCH AND THESIS COURSES**

| <b><u>Class Number</u></b> | <b><u>Catalog Number</u></b> | <b><u>Credits</u></b> | <b><u>Title</u></b>                             | <b><u>Instructor</u></b> |
|----------------------------|------------------------------|-----------------------|---|--------------------------|
| 4775                       | PATH 8400                    | 2                     | Internship in Environmental Sciences & Health   | Dr. Fred Moy             |
| 4776                       | PATH 9110                    | 1                     | Research Rotation in Experimental Pathology *   | Dr. Henry Godfrey        |
| 4777                       | PATH 9200                    | 1                     | Research Techniques in Experimental Pathology * | Dr. Henry Godfrey        |
| 4778                       | PATH 9700                    | 1                     | Master's Independent Study                      | Dr. Fred Moy             |
| 4779                       | PATH 9800                    | 1- 5                  | Master's Thesis Research                        | Dr. Fred Moy             |
| 4780                       | PATH 9900                    | 1                     | Doctoral Dissertation Research *                | Dr. Henry Godfrey        |

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## MICROBIOLOGY AND IMMUNOLOGY

| <b>Class #</b> | <b>Catalog #</b> | <b>Credits</b> | <b>Title/Instructor</b>  | <b>Day</b>  | <b>Time</b>    | <b>Room #</b> |
|----------------|------------------|----------------|--|-------------|----------------|---------------|
| 4781           | MICRO 1020       | 4              | General Microbiology II<br><i>Drs. Dana Mordue, Ira Schwartz, Raj Tiwari &amp; staff</i> | Mon. & Wed. | 4:00-6:00 pm   | 307           |
| 4782           | MICRO 2020       | 2              | Advanced Immunology – Dr. Raj Tiwari   | Wednesday   | 6:00-8:00 pm   | 307           |
| 4783           | MICRO 7010       | 1-2            | Directed Readings in Specialized Topics<br><i>Topic and Instructor to be arranged</i>    |             | To Be Arranged |               |
| 4784           | MICRO 7200       | 2              | Current Topics in Microbiology & Immunology<br><i>Dr. Raj Tiwari</i>                     | Monday      | 6:00-8:00 pm   | 307           |
| 4785           | MICRO 8020       | 1              | Departmental Seminar – <i>Dr. Ira Schwartz</i>   | Friday      | 12:00-1:00 pm  | 307           |

### **RESEARCH AND THESIS COURSES**

| <b><u>Class Number</u></b> | <b><u>Catalog Number</u></b> | <b><u>Credits</u></b> | <b><u>Title</u></b>                                | <b><u>Instructor</u></b> |
|----------------------------|------------------------------|-----------------------|--|--------------------------|
| 4786                       | MICRO 9110                   | 1                     | Research Rotation in Microbiology and Immunology * | Dr. Raj Tiwari           |
| 4787                       | MICRO 9200                   | 1                     | Research Techniques in Microbiology & Immunology * | Dr. Raj Tiwari           |
| 4788                       | MICRO 9700                   | 1                     | Master's Independent Study                         | Dr. Raj Tiwari           |
| 4789                       | MICRO 9800                   | 1- 5                  | Master's Thesis Research                           | Dr. Raj Tiwari           |
| 4790                       | MICRO 9900                   | 1                     | Doctoral Dissertation Research *                   | Dr. Raj Tiwari           |

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## PHARMACOLOGY

| <u>Class #</u> | <u>Catalog #</u> | <u>Credits</u> | <u>Title/Instructor</u>   | <u>Day</u>  | <u>Time</u>    | <u>Room #</u> |
|----------------|------------------|----------------|---|-------------|----------------|---------------|
| 4791           | PHARM 1020       | 4              | Pharmacology II<br><i>Dr. Charles T. Stier</i>                                    | Mon. & Wed. | 4:00-6:00 pm   | 511           |
| 4792           | PHARM 2210       | 2              | Pharmacology of Autacoids<br><i>Drs. John Quilley &amp; Alberto Nasjletti</i>     | Tuesday     | 4:00-6:00 pm   | 511           |
| 4793           | PHARM 7010       | 1- 2           | Directed Readings in Pharmacology<br><i>Topic and Instructor – To Be Arranged</i> |             | To Be Arranged |               |
| 4794           | PHARM 8010       | 1              | Journal Club<br><i>Dr. John Quilley</i>   | Thursday    | 3:00-4:00 pm   | 511           |
| 4795           | PHARM 8300       | 1              | Laboratory Demonstration<br><i>Dr. C. Andrew Powers</i>                           |             | To Be Arranged |               |

### **RESEARCH AND THESIS COURSES**

| <u>Class Number</u> | <u>Catalog Number</u> | <u>Credits</u> | <u>Title</u>                          | <u>Instructor</u>         |
|---------------------|-----------------------|----------------|---------------------------------------|---------------------------|
| 4796                | PHARM 9110            | 1              | Research Rotation in Pharmacology *   | Dr. Michal Schwartzman    |
| 4797                | PHARM 9200            | 1              | Research Techniques in Pharmacology * | Dr. Michal Schwartzman    |
| 4798                | PHARM 9700            | 1              | Master's Independent Study            | Dr. Charles T. Stier, Jr. |
| 4799                | PHARM 9800            | 1- 5           | Master's Thesis Research              | Dr. Charles T. Stier, Jr. |
| 4800                | PHARM 9900            | 1              | Doctoral Dissertation Research *      | Dr. Michal Schwartzman    |

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| <b>PHYSIOLOGY</b> |
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| <b>Class #</b> | <b>Catalog #</b> | <b>Credits</b> | <b>Title/Instructor</b>   | <b>Day</b>  | <b>Time</b>    | <b>Room #</b> |
|----------------|------------------|----------------|---|-------------|----------------|---------------|
| 4801           | PHYS 1020        | 4              | Mammalian Physiology II<br><i>Drs. Stanley Passo &amp; Dr. Carl Thompson</i>      | Mon. & Wed. | 6:00-8:00 pm   | Cooke         |
| 4825           | PHYS 2040        | 2              | Cardiovascular Development<br><i>Drs. Leonard Eisenberg &amp; Carol Eisenberg</i> | Wednesday   | 4:00-6:00 pm   | 609           |
| 4802           | PHYS 3060        | 2              | Bioinformatics and Functional Genomics<br><i>Dr. Caroline Ojaimi</i>              | Thursday    | 4:00-6:00 pm   | 609           |
| 4803           | PHYS 7010        | 1- 2           | Directed Readings in Physiology<br><i>Topic and Instructor – To Be Arranged</i>   |             | To Be Arranged |               |
| 4804           | PHYS 8010        | 1              | Journal Club<br><i>Dr. Stanley Passo</i>  | Monday      | 12:00-1:00 pm  | 609           |
| 4805           | PHYS 8020        | 1              | Seminar/Research Rounds *<br><i>Dr. Carl Thompson</i>                             |             | To Be Arranged |               |
| 4806           | PHYS 8300        | 1              | Practical Laboratory *<br><i>Dr. Stanley Passo</i>                                |             | To Be Arranged |               |

**RESEARCH AND THESIS COURSES**

| <b><u>Class Number</u></b> | <b><u>Catalog Number</u></b> | <b><u>Credits</u></b> | <b><u>Title</u></b>                | <b><u>Instructor</u></b> |
|----------------------------|------------------------------|-----------------------|------------------------------------|--------------------------|
| 4807                       | PHYS 9110                    | 1                     | Research Rotation in Physiology*   | Dr. Carl Thompson        |
| 4808                       | PHYS 9200                    | 1                     | Research Techniques in Physiology* | Dr. Carl Thompson        |
| 4809                       | PHYS 9700                    | 1                     | Master's Independent Study         | Dr. Carl Thompson        |
| 4810                       | PHYS 9800                    | 1-5                   | Master's Thesis Research           | Dr. Carl Thompson        |
| 4811                       | PHYS 9900                    | 1                     | Doctoral Dissertation Research*    | Dr. Carl Thompson        |

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| <b>INTERDISCIPLINARY</b> |
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| <u>Class Number</u> | <u>Catalog Number</u> | <u>Credits</u> | <u>Title/Instructor</u>   | <u>Day</u>   | <u>Time</u>    | <u>Room</u>                                       |
|---------------------|-----------------------|----------------|---|--|----------------|---|
| 4812                | BMS 1300              | 1              | Computers in Health Sciences – Self-study<br><i>Dr. Martin Glassman</i>           | Contact Dr. Glassman (914-594-4603)<br><b>Computer Lab Fee = \$100</b> |                |   |
| 4658                | BMS 1410              | 7              | Medical Neuroscience *<br><i>Dr. Sansar Sharma</i>                                | Various days and times   |                | Cooke   |
| 4813                | BMS 2020              | 2              | Responsible Conduct of Research<br><i>Drs. Francis Belloni &amp; Victor Fried</i> | Thursday   | 9:00-11:00 am  | 609   |
| 4814                | BMS 3510              | 2              | Life in Biomedical Research I<br><i>Drs. Paul Lucas &amp; John Edwards</i>        | Wednesday  | 9:00am-12:00pm | 609   |
| 4815                | BMS 7100              | 2              | Frontiers in Science<br><i>Drs. Ken Lerea &amp; Norman Levine</i>                 | Thursday   | 4:00pm-6:00 pm | Cooke<br><b>PERMISSION OF INSTRUCTOR REQUIRED</b> |

**RESEARCH AND THESIS COURSES**

| <u>Class Number</u> | <u>Catalog Number</u> | <u>Credits</u> | <u>Title</u>  | <u>Instructor</u>      |
|---------------------|-----------------------|----------------|---|------------------------|
| 4816                | BMS 9110              | 1              | Research Rotation (1 <sup>st</sup> year IPP students) | Dr. Francis L. Belloni |
| 4817                | BMS 9700              | 1              | Master's Independent Study                            | Dr. Ken Lerea          |
| 4818                | BMS 9800              | 1-5            | Master's Thesis Research                              | Dr. Ken Lerea          |
| 4819                | BMS 9920              | 1              | Research for Exchange Students                        | Dr. Francis L. Belloni |

|   |                  |                     |                |
|---|------------------|---------------------|----------------|
| <b>For all students planning to complete a Master’s Literature Review or Thesis or Doctoral Dissertation this year:</b> |                  |                     |                |
| <b>Literature Review Workshop</b>   | <b>Wednesday</b> | <b>6:00-7:30 pm</b> | <b>HSL-109</b> |
| <i>4 sessions: Jan. 13 – Jan. 20 – Jan. 27 – Feb. 3</i>   |                  |                     |                |

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