

SPRING 2018 COURSE SCHEDULE



GRADUATE SCHOOL OF
BIOMEDICAL SCIENCES

CELL AND MOLECULAR BIOLOGY PROGRAM COURSES (15 HOURS/CREDIT)

Courses start January 8, 2018

| CRN # | Course # | Title | Instructor | Prerequisites | Credits Grade Mode | Days/Hours Location |
|--|-----------|---|---|--|-----------------------|---|
| Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory | | | | | | |
| 25142 | CMB 00702 | CORE: Molecular Biology of the Cell | Henry henrymf@rowan.edu | CMB Program students only | 4 N | Tuesday & Thursday 3:00 PM - 5:00 PM Science Center Room 145 |
| 25143 | CMB 00803 | SKILL: Scientific Writing | Muller-Weeks muller@rowan.edu Fischer fischeje@rowan.edu | CMB Program students only 1 st & 2 nd year PhD students | 2 N | Wednesday 1 PM – 3 PM Science Center Room 145 |
| 25144 | CMB 00806 | FOCUS: Graduate Genetics | Ellis ellisre@rowan.edu | CMB Program students only 1 st & 2 nd year PhD students | 2 N | Thursday 9:30 AM – 11:30 AM Science Center Room 145 |
| 25145 | CMB 00906 | Lab Rotation Spring - CMB | Mentor | | 3 N | |
| 25146 | CMB 00920 | Research in Cell and Molecular Biology | Mentor | | 6 S/U | |
| 25147 | CMB 00999 | Thesis Research / Ph.D. | Anikin anikinmi@rowan.edu | | 10 S/U | |
| 25148 | CMB 00699 | MS Thesis Continuation (\$200 fee; NO tuition) | Mentor | Cell and Molecular Biology program students only | 1 - 9 S/U | Master of Science Thesis Continuation form required: http://www.rowan.edu/som/gsbs/current/for_ms.php |

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

SPRING 2018 COURSE SCHEDULE

BIOMEDICAL SCIENCES PROGRAM COURSES (15 HOURS/CREDIT)

Courses start January 16, 2018

| CRN # | Course # | Title | Instructor | Prerequisites | Credits Grade Mode | Days/Hours Location |
|--|-----------|--|--|---|-----------------------|---|
| Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory | | | | | | |
| 25149 | MBS 00503 | REQUIRED: Systems Physiology | Yin yinki@rowan.edu | <u>Current Students:</u> MBS 501 and MBS 502 (C or better) <u>New Students:</u> Permission of Instructor | 3 N | Tuesday 5:00 PM – 8:00 PM Academic Center Room 279 |
| 25150 | MBS 00603 | REQUIRED: Immunology | Demarest demarest@rowan.edu | MBS 501 and MBS 502 (C or better) | 3 N | Thursday 5:00 PM – 8:00 PM Academic Center Room 279 |
| 25151 | MBS 00616 | REQUIRED: Biomedical Data Analysis | Houbaviy houbavhr@rowan.edu | No | 2 N | Monday 5:00 PM – 7:00 PM Academic Center Room 279 |
| 25152 | MBS 00506 | REQUIRED: Biomedical Anatomy | Fischer fischeje@rowan.edu | No | 3 N | Wednesday 5:00 PM – 8:00 PM Academic Center Room 343 |
| 25153 | MBS 00602 | Antimicrobial Drugs: Mechanisms of action and resistance | Borukhov borukhse@rowan.edu | Microbiology recommended Compliments Pharmacology | 2 N | Tuesday 5:00 PM – 7:00 PM Science Center Room 145 |
| 25155 | MBS 00612 | Principles of Pharmacology | Spur spurbw@rowan.edu | No | 3 N | Wednesday 5:30 PM – 8:30 PM Academic Center Room 279 |
| 25156 | MBS 00613 | Independent Study | Mentor | Permission by Investigator | 3 N | Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php |
| 25157 | MBS 00680 | Laboratory Research A - MBS | Mentor | Permission by Investigator | 2 N | Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php |
| 25158 | MBS 00681 | Laboratory Research B - MBS | Mentor | Permission by Investigator | 2 S/U | Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php |
| 25159 | MBS 00699 | MS Thesis Continuation (\$200 fee; NO tuition) | Mentor | Permission by Investigator | 1 - 9 S/U | Master of Science Thesis Continuation form required: http://www.rowan.edu/som/gsbs/current/forms.php |

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

SPRING 2018 COURSE SCHEDULE

HISTOPATHOLOGY PROGRAM COURSES (15 HOURS/CREDIT)

Courses start January 16, 2018

| CRN # | Course # | Title | Instructor | Prerequisites | Credits Grade Mode | Days/Hours Location |
|--|-----------|---------------------------------------|---|--|-----------------------|---|
| Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory | | | | | | |
| 25160 | MHP 00610 | Basic Laboratory Techniques – Biology | Demarest demarest@rowan.edu Neary nearycl@rowan.edu | MBS 501 and MBS 502 (C or better) Histopathology Program students only | 3 N | Monday 2:00 PM – 5:00 PM Science Center Room 122 |
| 25161 | MHP 00611 | Histology I: Basic Tissue Types | Neary nearycl@rowan.edu | MBS 501 and MBS 502 (C or better) Histopathology Program students only | 3 N | Tuesday & Thursday 2:00 PM – 4:00 PM Tuesdays- SC 290 Thursdays- AC 341 |
| 25162 | MHP 00615 | Advanced Laboratory Animal Techniques | Demarest demarest@rowan.edu | MHP 610, MHP 611, MHP 612, and MHP 614 Histopathology Program students only | 4 N | Monday 9:00-11:00 AND Wednesday/Friday 9:00 AM- 12:00 PM Science Center Room 123 |
| 25163 | MHP 00613 | Histology III: Organ Systems | Neary nearycl@rowan.edu | MHP 611 and MBS 503 Histopathology Program students only | 3 N | Wednesday 2:00 PM -5:00 PM Academic Center Room 341 |
| 25164 | MHP 00616 | Topics in Pathology | Neary nearycl@rowan.edu | MBS 609 Co-Requisite: MHP 613 Histopathology Program students only | 2 N | Friday 2:00 PM-4:00 PM Science Center Room 145 |
| 25165 | MHP 00650 | Histopathology Internship | Demarest demarest@rowan.edu | Histopathology Program students only | 3 P/F | |

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

SPRING 2018 COURSE SCHEDULE

MOLECULAR PATHOLOGY AND IMMUNOLOGY PROGRAM COURSES (15 HOURS/CREDIT)

Courses start January 16, 2018

| CRN # | Course # | Title | Instructor | Prerequisites | Credits Grade Mode | Days/Hours Location |
|--|-----------|--|---|------------------------------------|--------------------------|--|
| Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory | | | | | | |
| 25166 | MPI 00504 | *CORE: Topics in Molecular Pathology & Immunology | Hilbert hilbert@rowan.edu dhilbert@mdlab.com | No | 4 N | Tuesday and Thursday 10:00 AM – 12:00 PM GBG Campus** in HAMILTON, NJ |
| 25167 | MPI 00601 | Techniques in Molecular Diagnostics | Nickels nickels@rowan.edu jnickels@mdlab.com | No | 2 N | Monday-Friday AS NEEDED GBG Campus** in HAMILTON, NJ |
| 25168 | MPI 00685 | Molecular Pathology & Immunology Research I | Mentor | MPI Program Students Only | 1 N | GBG Campus** in HAMILTON, NJ |
| 25169 | MPI 00699 | MS Thesis Continuation (\$200 fee; NO tuition) | Mentor | MPI Program Students Only | 1 - 9 S/U | Master of Science Thesis Continuation form required: http://www.rowan.edu/som/gsbs/current/forms.php |
| **The Genesis Biotechnology Group (GBG) educational sites are: 1. Medical Diagnostics Laboratories (MDL) located at 2439 Kuser Road, Hamilton, NJ 08690 2. Waterview Building (WB) located at 1000 Waterview Drive, Hamilton, NJ 08691 http://www.mdlab.com/rowan_university/directions.html (approximately 45 minutes from the Stratford Campus) | | | | | | |

***BOLD COURSES DENOTE CORE COURSES.** The cumulative average of all 4 designated core courses must be a minimum of 3.00 GPA to satisfy one of the requirements of the Master of Science in Molecular Pathology and Immunology degree.

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION