

COURSEWORK for Ph.D. in PHYSIOLOGY

COURSEWORK TO ESTABLISH RESIDENCY

The residency requirement for the doctorate must be fulfilled after admission to the doctoral program and before formal admission to doctoral candidacy. A total of **24** semester hours of graduate credit must be completed at SIUC to satisfy the residency requirement and no more than 6 of these can be PHSL 600 (dissertation) hours. Students may enroll in PHSL 598 Research prior to candidacy. An overall GPA of 3.0 or better must be maintained to remain in good standings with the Graduate School. A student will be placed on academic probation if the GPA drops below 3.00 and will have one semester (excluding the summer semester) to bring the GPA above 3.00.

DEPARTMENTAL REQUIRED COURSES

| Courses | 400 Level | 500 Level | Graded |
|---|-----------|-----------|--------|
| PHSL 511A (1,5) Mammalian Physiology* | | | |
| PHSL 511B (1,5) Mammalian Physiology* | | | |
| PHSL 500 (1 per semester) Seminar | | | S/U |
| PHSL 501 (1) Presentation of Physiological Data | | | S/U |
| PHSL 598 Research | | | S/U |
| PHSL 600 Dissertation Research** up to 6 hrs | | | S/U |

UNIVERSITY REQUIRED TOOL

| Courses or Experience | 400 Level | 500 Level | Graded |
|-----------------------|-----------|-----------|--------|
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10 HOURS OF GRADED GRADUATE CREDIT ARE REQUIRED FROM THE FOLLOWING LIST

| Courses | 400 Level | 500 Level | Graded |
|--|-----------|-----------|--------|
| PHSL 401A (5) Advanced Human Anatomy | | | |
| PHSL 401B (5) Advanced Human Anatomy | | | |
| PHSL 450 (3) Advanced Human Sexuality | | | |
| PHSL 470 (3) Biological Clocks | | | |
| PHSL 510 (3) Experimental Methods in Physiology*** | | | |
| PHSL 530 (3) Advanced Cell. Molecular Physiology | | | |
| PHSL 570 (3) Advanced Physiological Topics (a-r) | | | |
| PHSL 575 (3) Neuroendocrinology | | | |
| ANS 426 (3) Mammalian Endocrinology | | | |
| ANS 431 (4) Reproductive Physiology | | | |
| ESPY 506 (4) Inferential Statistics | | | |
| ESPY 507 (4) Multiple Regression | | | |
| MBMB 451A (3) Biochemistry | | | |
| MBMB 451B (3) Biochemistry | | | |
| MBMB 453 (3) Immunology | | | |
| MBMB 560 (3) Molecular Oncology | | | |
| PHRM 540 (1) Responsible Conduct of Research | | | S/U |
| PLB 571 (4) Genomics of Eukaryotes: Bioinformatics | | | |
| PSYC 511 (3) Human Learning and Memory | | | |
| PSYC 514 (4) Neurobiological Basis of Behavior | | | |
| ZOOL 409 (4) Histology | | | |
| ZOOL 557 (4) Biostatistics | | | |
| Totals | | | |

CANDIDACY

After admission to candidacy, a student must complete **24** hours of PHSL 600.

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|--------------------------------|--|--|-----|
| PHSL 600 Dissertation Research | | | S/U |
|--------------------------------|--|--|-----|

*Any grade below a B in PHSL 511A or 511B MUST be retaken and an A or B grade earned.

**Up to 6 hours of PHSL 600 of Dissertation Research may count toward Residency

*** PHSL 510 may be taken and counted as the University required tool and also towards 10 hours of graded graduate credit.