

## 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

### 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			
<b>Totals</b>			

### CANDIDACY

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

PHSL 600 Dissertation Research			S/U
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\*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.