

## COURSEWORK for MASTER'S OF SCIENCE in PHYSIOLOGY

The Graduate School requires **30** semester hours at the 400/500 level for the Master's degree.

1. At least **15** of the required hours must be 500 -level courses and completed at SIUC.
  - a. A minimum of 3 hours of PHSL 599 (thesis) is **required**.
  - b. The student can take more than 3 hours of 599, however only 6 may be counted toward the 500 level requirement.
2. At least **21** of the required hours must be graded (A,B,C). An overall GPA of 3.0 or better must be maintained to remain in good standing 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.

### DEPARTMENT REQUIRED COURSES

<b>Courses</b>	<b>400 Level</b>	<b>500 Level</b>	<b>Graded</b>
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 599 Thesis Research ( <b>only 6 count toward 500</b> )			S/U

### OPTIONAL COURSES FROM THE FOLLOWING LIST

<b>Courses</b>	<b>400 Level</b>	<b>500 Level</b>	<b>Graded</b>
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			
PHSL 598 Research			S/U
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			
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>			

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