

**Cell Biology, Neuroscience and Physiology Curriculum**

<b>Year 1</b>			
Sep/Oct	Block 1	<b>Introduction to Biomedical Sciences (2.5)</b> <b>Critical Readings in CBNP (0.5)</b> Elective course	<b>1<sup>st</sup> Rotation</b> <b>Oct/Nov/Dec (2)</b>  <b>2<sup>nd</sup> Rotation</b> <b>Jan/Feb/Mar (2)</b>  <b>3<sup>rd</sup> Rotation</b> <b>Apr/May/June (2)</b>
Nov/Dec	Block 2	<b>Introduction to Biomedical Sciences (2.5)</b> <b>Critical Readings in CBNP (0.5)</b> Elective course	
Jan/Feb	Block 3	<b>Molecular Physiology and Cell Communication (2)</b> <b>Responsible Conduct in Research (1)</b> <b>Critical Readings in CBNP (0.5)</b> Elective course	
Mar/Apr	Block 4	<b>Molecular Physiology and Cell Communication (2)</b> <b>Critical Readings in CBNP (0.5)</b> Elective course	
May/June	Block 5	Elective course	
Jul/Aug	Block 6	<b>Initiate Research with Mentor</b>	
<b>Year 2</b>			
Sep/Oct	Block 7	<b>Experimental Design and Statistics (2)</b> Research (2) Elective course (2)	
Nov/Dec	Block 8	<b>Professional Skills 1 (Presentations and Productivity) (1)</b> <b>Research (2)</b> Elective course (2)	
Jan/Feb	Block 9	<b>Professional Skills 2 (Grant Writing) (2)</b> Research (2) Elective course (2)	
Mar/Apr	Block 10	<b>Candidacy Exam</b>	
May/June	Block 11	<b>Thesis Research</b>	
July/Aug	Block 12		

**Required course in bold.** Number of credits in parentheses.

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### **Critical Readings/Seminars Options (Students must complete 1 Critical Reading/Seminar course)**

- Critical Readings in CBNP (1 Cr, Fall, Nowycky/Del Re; journal club & presentation skills course)
- Critical Readings in CBNP (1 Cr, Spring, Babu/Ledeen) Seminars and journal club

### **Elective Courses**

- Students should expect to enroll in 10-12 credits of elective courses during the first two years of their training program prior to the candidacy exam.
- Laboratory research – 6-8 credits of the Laboratory Rotation course CBNP 5930Q can be used after a student begins research in their mentor's laboratory, prior to the Candidacy Exam, to fulfill the credits requirements for full-time student status (10 credits per semester)

### **Research Seminars**

- Students are required to attend at least 10 seminars per semester. We have a mobile phone Q/R code reader system to record seminar attendance.