

Basic Biomedical Science Curriculum (BBSC) Course Offerings Fall 2011 – Summer 2012

Fall Term – 2011	B R E A K	Spring Term – 2012	B R E A K	Summer Term – 2012				
08/29/11 12/16/11		01/04/12 (W) 04/20/12		04/30/12 08/10/12				
<p>Academic Success Skills and Ethics (BBSC 6101)</p> <p>Frontiers of Science (BBSC 6195) <i>[seminars, citation sessions Sept 16 & 23 1-2:30pm, & program orientation fair Oct 13 2-5pm]</i></p> <p>Principles of Laboratory Safety (BBSC 6217)</p> <p>Biochemistry (BBSC 6401)</p> <p>Cell Biology (BBSC 6402)</p> <p><i>Other Activities Scheduled:</i></p> <p><i>All-Schools Orientation (Sat, Aug 20)</i> <i>New Graduate Student Orientation and Registration (Aug 22-26)</i></p>		<p style="text-align: center;">Molecular Biology and Genetics (BBSC 6403)</p> <p style="text-align: center;">Frontiers of Science <i>[seminar]</i> (BBSC 6195)</p> <p style="text-align: center;">Critical Reading of Scientific Literature (BBSC 6104)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">8-Week Laboratory Rotation (BBSC 6301)</p> <p style="text-align: center;">Neuronal Transmission (BBSC 6126)</p> <p style="text-align: center;">Introduction to Immune Mechanisms (BBSC 6206)</p> <p style="text-align: center;">Principles of Drug Action, Pharmacokinetics and Biotransformation (BBSC 6208)</p> <p style="text-align: center;">Mechanisms of Cancer Progression (BBSC 6216)</p> </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">8-Week Laboratory Rotation (BBSC 6301)</p> <p style="text-align: center;">Principles of Membrane Transport: Transport Processes in Epithelia (BBSC 6109)</p> <p style="text-align: center;">Microorganisms and Infectious Disease (BBSC 6205)</p> <p style="text-align: center;">Hormonal Signaling (BBSC 6215)</p> <p style="text-align: center;">Neuroscience and Human Behavior (BBSC 6218)</p> </td> </tr> </table>	<p style="text-align: center;">8-Week Laboratory Rotation (BBSC 6301)</p> <p style="text-align: center;">Neuronal Transmission (BBSC 6126)</p> <p style="text-align: center;">Introduction to Immune Mechanisms (BBSC 6206)</p> <p style="text-align: center;">Principles of Drug Action, Pharmacokinetics and Biotransformation (BBSC 6208)</p> <p style="text-align: center;">Mechanisms of Cancer Progression (BBSC 6216)</p>	<p style="text-align: center;">8-Week Laboratory Rotation (BBSC 6301)</p> <p style="text-align: center;">Principles of Membrane Transport: Transport Processes in Epithelia (BBSC 6109)</p> <p style="text-align: center;">Microorganisms and Infectious Disease (BBSC 6205)</p> <p style="text-align: center;">Hormonal Signaling (BBSC 6215)</p> <p style="text-align: center;">Neuroscience and Human Behavior (BBSC 6218)</p>		<p style="text-align: center;">Current Topics in Cancer Research (CELL 6212)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">8-Week Laboratory Rotation (BBSC 6301)</p> <p style="text-align: center;">Ethics of Scientific Research (MEHU 6101) <i>[2-day course]</i> Mid May</p> <p style="text-align: center;">Genes, Environment and Disease (BBSC 6118)</p> <p style="text-align: center;">Neuronal Excitability (BBSC 6207)</p> <p style="text-align: center;">Principles of CNS Sensory-Motor Integration (BBSC 6214)</p> <p style="text-align: center;">Vaccine Development Pathway: From Discovery To Licensure (BBSC 6219)</p> </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">7-Week Laboratory Rotation (BBSC 6301)</p> <p style="text-align: center;">Introduction to Biostatistics and Experimental Design in Basic Sciences (BBSC 6122)</p> <p style="text-align: center;">Fundamentals of Inflammation (BBSC 6210)</p> <p style="text-align: center;">Approval by BBSC Director:</p> <p style="text-align: center;">Introduction to the Study of Biological Systems (BBSC 6103)</p> <p style="text-align: center;">Critical Reading of Scientific Literature (BBSC 6104)</p> </td> </tr> </table>	<p style="text-align: center;">8-Week Laboratory Rotation (BBSC 6301)</p> <p style="text-align: center;">Ethics of Scientific Research (MEHU 6101) <i>[2-day course]</i> Mid May</p> <p style="text-align: center;">Genes, Environment and Disease (BBSC 6118)</p> <p style="text-align: center;">Neuronal Excitability (BBSC 6207)</p> <p style="text-align: center;">Principles of CNS Sensory-Motor Integration (BBSC 6214)</p> <p style="text-align: center;">Vaccine Development Pathway: From Discovery To Licensure (BBSC 6219)</p>	<p style="text-align: center;">7-Week Laboratory Rotation (BBSC 6301)</p> <p style="text-align: center;">Introduction to Biostatistics and Experimental Design in Basic Sciences (BBSC 6122)</p> <p style="text-align: center;">Fundamentals of Inflammation (BBSC 6210)</p> <p style="text-align: center;">Approval by BBSC Director:</p> <p style="text-align: center;">Introduction to the Study of Biological Systems (BBSC 6103)</p> <p style="text-align: center;">Critical Reading of Scientific Literature (BBSC 6104)</p>
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Red = Required courses

Black = Electives

Green = Cannot count toward elective hours

(5 credit hours of BBSC Electives is required by the end of the Summer)