AP Readiness AGENDA – November 16, 2019

REGISTRATION (Sign-In) 8:45-9:00 AM

TEACHERS **(ONLY)** Geology 3645

1st Session 9:15-10:55am **Break 10:55-11:15 AM** **2nd Session 11:15-1:00 PM**

BIOLOGY	**Room**	**Seats**
DNA Unpacked w/ Dr. Ramsey	Boelter 3400 **(BIG - 3rd Floor)**	165
Eukaryotic Gene Expression	Boelter 5249	90
DNA Fingerprinting Lab w/ PCR Lab Demo	Boelter 5436	50
Viruses, Prokaryotic and Eukaryotic Cells (Structure & Function)	Boelter 5264	50
Animal Behavior – Lab Investigation 12	Boelter 5422	40
Chi Squared Statistics	Boelter 5420	40
Comparing Metabolic Pathways: Photosynthesis, Cellular Respiration and Fermentation	Boelter 5419	40
Lac/Trp Operons - Gene Expression in Prokaryotes	Boelter 5272	40
Lateral Gene Transfer: Bacterial Sex and the Evolution of Super Bugs / Viral Transformation and Flu Shot	Boelter 5280	40
Practicing the AP BIO MC Exam	Boelter 5273	40

CALCULUS	**Room**	**Seats**
AB: AP Exam Practice Problems	Franz 1178	300
AB: Related Rates	Franz 1260	150
AB: AP Free Response Review	Franz 2258A	80
AB: Dynamic Representations of Basic Concepts	Math Sciences 5147	40
AB: Exploratory and White Boards - Interactive Calculus Workshop on Derivative Applications	Math Sciences 5138	40
AB: Optimization	Math Sciences 5148	30
BC: Partial Fractions, Improper Integrals, and Volumes	Math Sciences 6229	50

CHEMISTRY (All-Day Session w/20 min break, select 1 Topic to attend)	**Room**	**Seats**
Bonding and Intermolecular Forces	Moore 100	400
Gases and Introduction to Thermodynamics	Math Sciences 5200	130

COMPUTER SCIENCE PRINCIPLES (All-Day Session w/20 min break)	**Room**	**Seats**
Programming: Algorithms, Functions, and Loops	Boelter 2760	70

ENVIRONMENTAL SCIENCE	**Room**	**Seats**
Causes, Impacts and Solution for Climate Change	Math Sciences 5127	40
Climate 101	Math Sciences 5117	40
Introduction to FRQ's	Math Sciences 5128	40
Moose Malady - Air Pollution, Soil Chemistry, Food Webs	Math Sciences 5137	40
The Chemistry You Should Understand	Math Sciences 5118	40
Biome Botanical Safari	Math Sciences 5203	30

PHYSICS	**Room**
Energy, Work, & Power	Geology 4216
The Kinematics and Dynamics of Uniform Circular Motion	Geology 4660

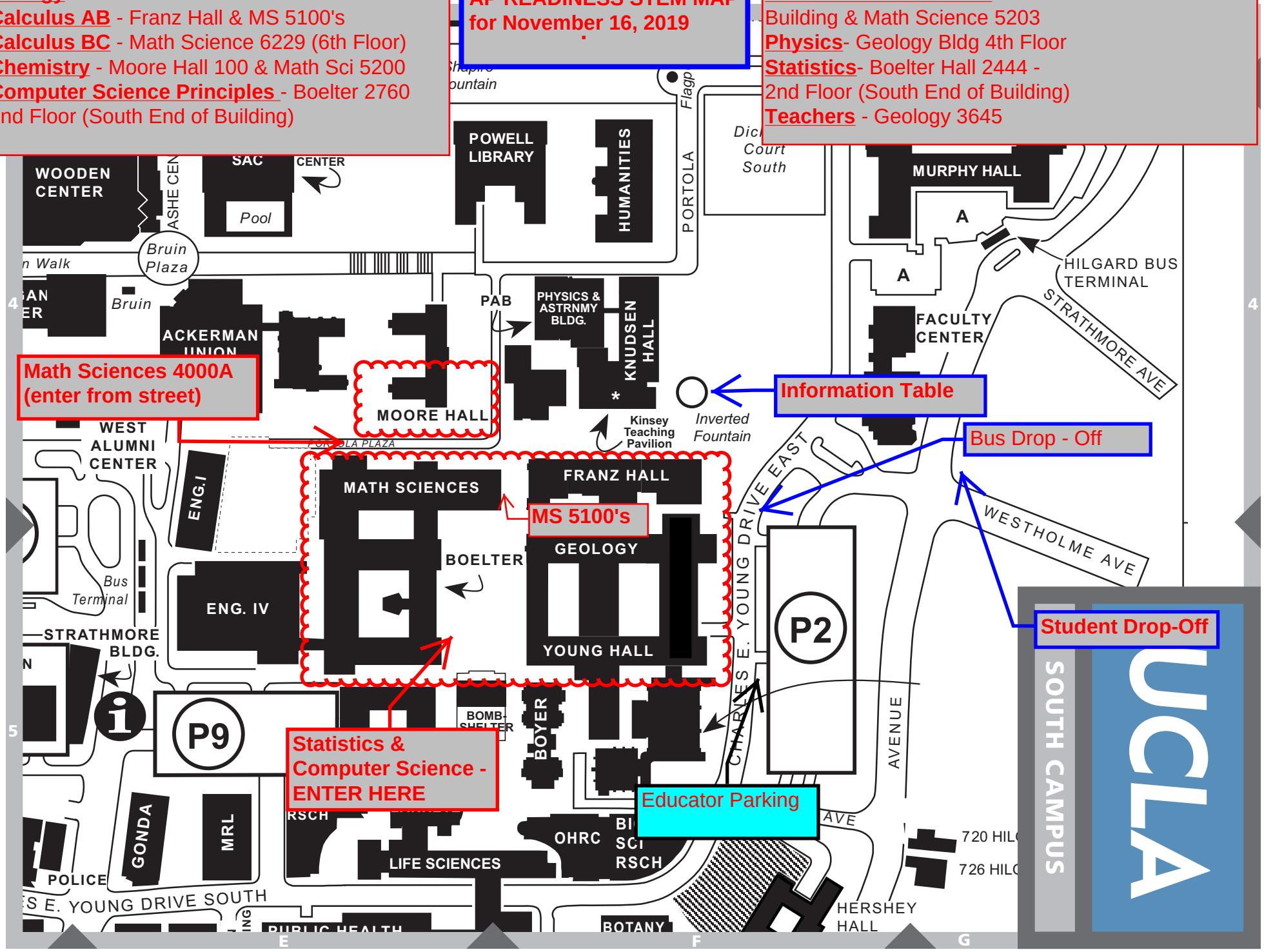
STATISTICS (All-Day Session w/20 min break)	**Room**	**Seats**
AM: Normal Distribution and Z-Scores + **PM:** Simulations	Boelter 2444	80

1:00-1:45 PM **TEACHERS ONLY MEETING** in ***Geology 3645.***

NEXT AP READINESS STEM is December 14th!!

Please Complete Evaluation at http://bit.ly/stem111619

Biology - Boelter Hall 5th Floor & 3rd Floor
Calculus AB - Franz Hall & MS 5100's
Calculus BC - Math Science 6229 (6th Floor)
Chemistry - Moore Hall 100 & Math Sci 5200
Computer Science Principles - Boelter 2760 2nd Floor (South End of Building)

AP READINESS STEM MAP for November 16, 2019

Environmental Science - Math Science 5100 Building & Math Science 5203
Physics- Geology Bldg 4th Floor
Statistics- Boelter Hall 2444 - 2nd Floor (South End of Building)
Teachers - Geology 3645