UCSF Graduate Elective Courses Revised 8/1/2017

| Course Number      | Course Name  | Sponsoring Program/ Dept.                      | Quarter Offered | Notes   |
|--------------------|--|--|-----------------|---|
| Biochemistry 200A  | Structure of Macromolecules  | Tetrad Grad Program                            | Fall            | Requires approval of program  |
| Biochemistry 201A  | Biological Regulatory Mechanisms   | Tetrad Grad Program                            | Winter          | Requires approval of program  |
| Biostats 183       | Introduction to Statistical Analysis   | Epidemiology & Biostatistics                   | Fall            | Open to PhD grad students   |
| Biostats 187       | Introduction to Statistical Theory and Practice  | Epidemiology & Biostatistics                   | Winter          | Check with course director  |
| Biostats 192       | Introduction to Linear Models  | Epidemiology & Biostatistics                   | Spring          | Check with course director  |
| Bioengineering 221 | Tissue Mechanobiology  | Bioengineering Grad program                    | Fall            | Requires approval of program  |
| BMI 203            | Biocomputing Algorithms  | Bioinformatics Grad program                    | Winter          | Requires approval of program  |
| BMI 206            | Statistical Methods for Bioinformatics   | Bioinformatics Grad program                    | Fall            | Requires approval of program  |
| BMS 230            | Advanced Topics in Cancer Research   | Cancer Center                                  | Fall            | Requires approval of program  |
| BP 205A            | Physical Underpinnings of Biological Systems (PUBS)  | Biophysics Grad program                        | Fall            | Requires approval of program  |
| BP 205B            | Complex Biological Systems B   | Biophysics Grad program                        | Winter          | Requires approval of program  |
| CB 245             | Cell & Developmental Biology   | Tetrad Grad Program                            | Fall            | Requires approval of program  |
| Chem 241           | Molecular Thermodynamics   | CCB Grad Program                               | Fall            | Requires approval of program  |
| DSCB 257           | Developmental & Stem Cell Biology  | DSCB Grad Program                              | Fall            | Requires approval of program  |
| Genetics 200A      | Principles of Genetics   | Tetrad Grad Program                            | Fall            | Requires approval of program  |
| Micro 204          | Molecular and Cellular Immunology  | Microbiology                                   | Fall            | Open to PhD grad students   |
| NS 201A            | Basic Concepts in Cellular and Molecular Neurophysiolog  | y Neuroscience Grad Program                    | Fall            | Requires approval of program  |
| NS 201B            | Basic Concepts in Neural Cell and Developmental Biology  | Neuroscience Grad Program                      | Winter          | Requires approval of program  |
| NS 201C            | Introduction to Systems and Behavioral Neuroscience  | Neuroscience Grad Program                      | Spring          | Requires approval of program  |
| OCS 221            | Extracellular Matrices   | Oral and Craniofacial Sciences Grad<br>Program | Winter          | Requires approval of program  |
| Pharm Chem 204     | Introduction to Object-Oriented Programming  | Chemistry And Chemical Biology<br>Program      | Fall            | Requires approval of program  |
| PSPG 245A          | Basic Principles of Pharmaceutical Sciences  | PSPG Grad Program                              | Fall            | Check with course director  |
| PSPG 245B          | Systems Pharmacology   | PSPG Grad Program                              | Winter          | Check with course director  |
| PSPG 245C          | Principles of Pharmacogenomics (also offered as a spring mini course under PG 219: Special Topics) | PSPG Grad Program                              | Spring          | Check with course director  |
| Various            | Neuroscience advanced topic courses  | Neuroscience Grad Program                      | Quarterly       | Requires approval of program  |
| Various            | Spring Quarter Mini-Courses  | Most basic science PhD programs                | Spring          | Open to PhD grad students (priority to first year students, case by case for 2nd years and above) |