# old_Tentative_Schedule_300

| | Focus | Assignment | Day | Class # | Date |
|---|---|---|---|---|---|
| Updated: 1 October 2017 | | | | | |
| Week 1 | Course Introduction | | Tues | 1 | 29 Aug |
| | LAB 1 | | Wed | | 30 Aug |
| | Course Introduction | Bioinfo App Pres | Thurs | 2 | 31 Aug |
| Week 2 | Bio/CS Basics | ThinkPython Ch. 2 | Tues | 3 | 5 Sept |
| | LAB 2 | | Wed | | 6 Sept |
| | Bio/CS Basics | | Thurs | 4 | 7 Sept |
| Week 3 | Bio/CS Basics | | Tues | 5 | 12 Sept |
| | LAB 3 | | Wed | | 13 Sept |
| | Bioinformatics and Genomic Data | Ch 1 | Thurs | 6 | 14 Sept |
| Week 4 | NO CLASS | | Tues | 7 | 19 Sept |
| | LAB 4 | Ch 1 | Wed | | 20 Sept |
| | Computational Manipulation of DNA | Ch 2 | Thurs | 8 | 21 Sept |
| Week 5 | Computational Manipulation of DNA | Chs 8, 10, 11 in Think Python | Tues | 9 | 26 Sept |
| | LAB 5 | Ch 2 | Wed | | 27 Sept |
| | Sequence Alignment | Ch 3 | Thurs | 10 | 28 Sept |
| Week 6 | Sequence Alignment | Ch 3 in Think Python | Tues | 11 | 3 Oct |
| | LAB 6 | Ch 3 | Wed | | 4 Oct |
| | Database Searching and Multiple Alignment | Ch 4 | Thurs | 12 | 5 Oct |
| Week 7 | Fall break | No class | Tues | 13 | 10 Oct |
| | Project Work Day | Project Assignment Given | Wed | | 11 Oct |
| | Exam 1 | Exam 1 | Thurs | 14 | 12 Oct |
| Week 8 | Substitution Matrices and Protein Alignments | Ch 5 | Tues | 15 | 17 Oct |
| | LAB 7 | Ch 5, Project Proposal Due | Wed | | 18 Oct |
| | DNA Sequencing | Ch 8 | Thurs | 16 | 19 Oct |
| Week 9 | Gator Day | No class | Tues | 17 | 24 Oct |
| | LAB 7 continued | | Wed | | 25 Oct |
| | Sequence-Based Gene Prediction | Ch 9 | Thurs | 18 | 26 Oct |
| Week 10 | Sequence-Based Gene Prediction | Ch 9 | Tues | 19 | 31 Oct |
| | Exam 2 | Exam 2 | Wed | | 1 Nov |
| | Advanced Gene Prediction | Ch 10 | Thurs | 20 | 2 Nov |
| Week 11 | Advanced Gene Prediction | Ch 10 | Tues | 21 | 7 Nov |
| | Project Work Day | | Wed | | 8 Nov |
| | Protein Structure Prediction and Analysis | Ch 11 | Thurs | 22 | 9 Nov |
| Week 12 | Protein Structure Prediction and Analysis | Ch 11 in BioPython Tutorial and Cookbook | Tues | 23 | 14 Nov |
| | LAB 8 | Ch 11 | Wed | | 15 Nov |
| | Protein Domain ? | Project Progress Report Due | Thurs | 24 | 16 Nov |
| Week 13 | Protein Domain ? | | Tues | 25 | 21 Nov |
| | ThanksGiving | No class | Wed | | 22 Nov |
| | ThanksGiving | No class | Thurs | | 23 Nov |
| Week 14 | State of the Art in Bioinformatics | | Tues | 26 | 28 Nov |
| | Project Work Day | | Wed | | 29 Nov |
| | Exam 3 | Exam 3 | Thurs | 27 | 30 Nov |
| Week 15 | State of the Art in Bioinformatics | | Tues | 28 | 5 Dec |
| | Final projects | Project presentations | Wed | | 6 Dec |

| | | | | | |
|---|---|---|---|---|---|
| | Journey Day (summary) | | Thurs | 29 | 7 Dec |
| **Week 16** | Final projects | Project presentations – last class | Tues | 30 | 12 Dec |
| | | | | | |
| | Final Deliverable | *Final Project Paper Due by 9am* | Fri | group D | 15 Dec |