4/17 intro, experimental design and data preprocessing (normalization)

4/19 data preprocessing (data transformation, filtering and MV imputation), dimension reduction (PCA)

4/24 dimension reduction (PCA, MDS, FDA, PLS)

4/26 DE gene detection (Lab 4)

5/1 DE gene detection

5/3 (Lab 5)

5/8 supervised machine learning

5/10 supervised machine learning

5/15 supervised machine learning

5/17 (Lab 7)

5/22 unsupervised machine learning

5/24 unsupervised machine learning (Lab 8)

5/29 unsupervised machine learning

5/31 Pathway analysis

6/5 Horizontal genomic meta-analysis

6/7 student presentation

6/14 student presentation