ADVANCED EXAM SYLLABUS

MIRIAM KUZBARY

1. Dale Rolfsen–Knots and Links

1.1. **Chapter 1.** All sections

1.2. **Chapter 2.** Sections A and B no proofs, C, D, E, skim F, G

1.3. **Chapter 3.** Sections A, B, C, D, E, F, K

1.4. **Chapter 4.** All sections

1.5. **Chapter 5.** All sections

1.6. **Chapter 6.** All sections

1.7. **Chapter 7.** Sections A, B, C, D, E, skim F and G, I

1.8. **Chapter 8.** All sections

1.9. **Chapter 9.** Sections A, B, C, D, F, G, H, I, skim J

1.10. **Chapter 10.** Sections A, B, C, H, K

2. Robion Kirby–The Topology of 4-Manifolds

2.1. **Chapter 1.** Sections 1-5

2.2. **Chapter 2.** All sections

2.3. **Chapter 3.** All sections

2.4. **Chapter 4.** All sections

2.5. **Chapter 7.** All sections

2.6. **Chapter 8.** Theorem 1 statement only