课程代码（Coursenumber）：

220B.

课程名（Coursename）：

Statistical Mechanics.

学分（credit) ：(3)

课程设置（course setting）：Three onehour lectures per week.

选课要求（prerequisite）：220A.

课程描述（Description）：Principles of statistical mechanics and applications

to complex systems. (S)

教参信息（Textbookinfo）:

1 Statistical Mechanics by Donald A. McQuarrie (Hardcover - May 2000)

ISBN-13: 978-1891389153

2 Statistical Mechanics, Second Edition by R. K. Pathria (Paperback - Aug. 6, 1996)

ISBN-13: 978-0750624695

3 Statistical Mechanics: Entropy, Order Parameters and Complexity (Oxford Master Series in Physics) by James P. Sethna (Paperback - June 1, 2006)

ISBN-13: 978-0198566779

世界各地拥有馆藏的图书馆（OCLC）:300

4 Introduction to Modern Statistical Mechanics by David Chandler (Paperback - Sept. 17, 1987)

ISBN-13: 978-0195042771

5 Elementary Statistical Physics by Charles Kittel (Paperback - Mar. 8, 2004)

ISBN-13: 978-0486435145

世界各地拥有馆藏的图书馆（OCLC）:28

6 The Principles of Statistical Mechanics by Richard Chace Tolman (Paperback - July 15, 2010)

ISBN-13: 978-0486638966

世界各地拥有馆藏的图书馆（OCLC）:240

7 Statistical Mechanics, 2nd Edition by Kerson Huang (Paperback - May 13, 1987)

ISBN-13: 978-0471815181

8 Exactly Solved Models in Statistical Mechanics by Rodney J. Baxter (Paperback - Jan. 11, 2008)

ISBN-13: 978-0486462714

世界各地拥有馆藏的图书馆（OCLC）:34

9 Statistical Mechanics (North-Holland Personal Library) by R. Kubo, H. Ichimura, T. Usui, and N. Hashitsume (Paperback - May 3, 1990)

ISBN-13: 978-0444871039

10 Statistical Physics of Particles by Mehran Kardar (Hardcover - June 25, 2007)

ISBN-13: 978-0521873420

世界各地拥有馆藏的图书馆（OCLC）:236