

DATE: 07-06-2010  
 TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 I  
 PAGE: 535

COLLEGE : C - Arts & Sciences  
 DEPARTMENT: PHYSICS

| CURRIC NUM | COURSE TITLE  | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D             |   | D  | S H F             |   |   | V L E E W |   |   |     |   | RESPONS COURSE | JOINT COURSES | O M I T |
|------------|---|---------------------|-----------------|--------------------|---|----|-------------------|---|---|-----------|---|---|-----|---|----------------|---------------|---------|
|            |   |                     |                 | -ALL               | U |    | GRD               | E | U | N         | E | P | & N | C |                |               |         |
| PHYS 101   | PHYS SCI INQUIRY I<br>PHYSICAL SCIENCE BY INQUIRY I<br>COMMENT:CHANGE PREREQ, DESCRIPTION | AUT/1996 - AUT/9999 | 5.0             | .                  | . | 12 | .                 | . | . | .         | Y | . | Y   | Y | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 7/15/97 |   |    | APPROVED: 6/01/77 |   |   |           |   |   |     |   |                |               |         |
| PHYS 102   | PHY SCI INQUIRY I<br>PHYSICAL SCIENCE BY INQUIRY I<br>COMMENT:CHANGE PREREQ, DESCRIP      | AUT/1996 - AUT/9999 | 5.0             | .                  | . | 22 | .                 | . | . | .         | Y | . | Y   | Y | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 7/15/97 |   |    | APPROVED: 6/01/77 |   |   |           |   |   |     |   |                |               |         |
| PHYS 103   | PHY SCI INQUIRY I<br>PHYSICAL SCIENCE BY INQUIRY I<br>COMMENT:CHANGE PREREQ, DESCRIP      | AUT/1996 - AUT/9999 | 5.0             | .                  | . |    | .                 | . | . | .         | Y | . | .   | Y | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 7/15/97 |   |    | APPROVED: 6/01/77 |   |   |           |   |   |     |   |                |               |         |
| PHYS 104   | GROUP INQUIRY I<br>FACILITATED GROUP INQUIRY I  | AUT/2009 - AUT/9999 | 2.0             | .                  | . |    | .                 | . | . | .         | Y | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT:12/17/08 |   |    | APPROVED:12/16/08 |   |   |           |   |   |     |   |                |               |         |
| PHYS 105   | GROUP INQUIRY II<br>FACILITATED GROUP INQUIRY II  | WIN/2010 - AUT/9999 | 2.0             | .                  | . |    | .                 | . | . | .         | Y | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT:12/17/08 |   |    | APPROVED:12/16/08 |   |   |           |   |   |     |   |                |               |         |
| PHYS 106   | GROUP INQUIRY III<br>FACILITATED GROUP INQUIRY III  | SPR/2010 - AUT/9999 | 2.0             | .                  | . |    | .                 | . | . | .         | Y | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT:12/17/08 |   |    | APPROVED:12/16/08 |   |   |           |   |   |     |   |                |               |         |
| PHYS 107   | PHYSICS CONCEPTS<br>PHYSICS CONCEPTS FOR NON-SCIENTISTS                                   | SPR/2009 - AUT/9999 | 5.0             | .                  | . |    | .                 | . | . | .         | Y | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT:12/17/08 |   |    | APPROVED:12/16/08 |   |   |           |   |   |     |   |                |               |         |
| PHYS 110   | LIBERAL ARTS PHYS<br>LIBERAL ARTS PHYSICS   | SUM/1978 - AUT/9999 | 5.0             | .                  | . |    | .                 | . | . | .         | Y | . | Y   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 6/14/93 |   |    | APPROVED: 9/01/77 |   |   |           |   |   |     |   |                |               |         |
| PHYS 111   | LIBERAL ARTS PHYS<br>LIBERAL ARTS PHYSICS   | WIN/1978 - AUT/9999 | 5.0             | .                  | . |    | .                 | . | . | .         | Y | . | Y   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 4/05/96 |   |    | APPROVED: 9/01/77 |   |   |           |   |   |     |   |                |               |         |
| PHYS 112   | LIBERAL ARTS PHYS<br>LIBERAL ARTS PHYSICS   | SPR/1978 - AUT/9999 | 5.0             | .                  | . |    | .                 | . | . | .         | Y | . | Y   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 4/05/96 |   |    | APPROVED: 9/01/77 |   |   |           |   |   |     |   |                |               |         |
| PHYS 114   | GENERAL PHYSICS<br>GENERAL PHYSICS  | AUT/1966 - AUT/9999 | 4.0             | .                  | . |    | .                 | . | . | .         | Y | . | Y   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 3/10/95 |   |    |                   |   |   |           |   |   |     |   |                |               |         |
| PHYS 115   | GENERAL PHYSICS<br>GENERAL PHYSICS  | AUT/1998 - AUT/9999 | 4.0             | .                  | . |    | .                 | . | . | .         | Y | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 8/20/98 |   |    |                   |   |   |           |   |   |     |   |                |               |         |
| PHYS 116   | GENERAL PHYSICS<br>GENERAL PHYSICS  | AUT/1998 - AUT/9999 | 4.0             | .                  | . |    | .                 | . | . | .         | Y | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 8/20/98 |   |    |                   |   |   |           |   |   |     |   |                |               |         |



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COLLEGE : C - Arts & Sciences  
 DEPARTMENT: PHYSICS

| CURRIC NUM | COURSE TITLE   | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D D S H F V L E E W             |       |       |        |             |       |     |     |     |     |     |   | RESPONS COURSE | JOINT COURSES | O M I T      |     |   |
|------------|--|---------------------|-----------------|--------------------------------------|-------|-------|--------|-------------|-------|-----|-----|-----|-----|-----|---|----------------|---------------|--------------|-----|---|
|            |  |                     |                 | -ALL U MAX                           | GRD P | E SYS | D HYPH | U N E M R E | P & A | N S | C W | M T | S P | R G |   |                |               |              |     |   |
| PHYS 212   | PHYS BY INQUIRY I<br>PHYSICS BY INQUIRY I<br>COMMENT:CHG DESC                              | AUT/2009 - AUT/9999 | 5.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | .   | . | Y              |               |              | .   |   |
|            |  |                     |                 | LAST UPDT: 9/14/09 APPROVED: 3/01/72 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |
| PHYS 214   | LIGHT AND COLOR<br>LIGHT AND COLOR   | AUT/1988 - AUT/9999 | 5.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | .   | Y | .              |               |              | .   |   |
|            |  |                     |                 | LAST UPDT: 9/06/06 APPROVED: 6/24/82 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |
| PHYS 215   | A WAY OF KNOWING<br>A WAY OF KNOWING<br>COMMENT:CHANGE TITLES, DESCRIPTION                 | WIN/2003 - AUT/9999 | 5.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | .   | Y | .              |               |              | .   |   |
|            |  |                     |                 | LAST UPDT:11/16/04 APPROVED:12/01/87 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |
| PHYS 216   | SCIENCE AND SOCIETY<br>SCIENCE AND SOCIETY<br>COMMENT:CHG TITLE, JT STATUS & GEN ED        | SPR/2006 - AUT/9999 | 5.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | Y   | . | .              | .             | PHYS 216 SIS | 216 | . |
|            |  |                     |                 | LAST UPDT: 2/23/09 APPROVED:12/01/87 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |
| PHYS 224   | THERMAL PHYSICS<br>THERMAL PHYSICS<br>COMMENT:WAS PHYS 222                                 | WIN/1982 - AUT/9999 | 3.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | .   | . | .              |               |              | .   |   |
|            |  |                     |                 | LAST UPDT: 9/06/06 APPROVED: 4/23/81 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |
| PHYS 225   | INTRO MOD MECHANICS<br>INTRODUCTION TO MODERN MECHANICS<br>COMMENT:CHG TITLES, DESC, PREQ  | SPR/2009 - AUT/9999 | 3.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | .   | . | .              |               |              | .   |   |
|            |  |                     |                 | LAST UPDT: 1/21/09 APPROVED: 4/01/81 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |
| PHYS 226   | PARTICLES&SYMMETRY<br>PARTICLES AND SYMMETRIES   | SPR/2009 - AUT/9999 | 3.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | .   | . | .              |               |              | .   |   |
|            |  |                     |                 | LAST UPDT:12/18/08 APPROVED:12/16/08 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |
| PHYS 227   | ELEM MATH PHYS<br>ELEMENTARY MATHEMATICAL PHYSICS<br>COMMENT:EMAIL PREQ CHG                | WIN/2009 - AUT/9999 | 4.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | .   | . | .              |               |              | .   |   |
|            |  |                     |                 | LAST UPDT:11/20/08 APPROVED: 9/01/86 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |
| PHYS 228   | ELEM MATH PHYS<br>ELEMENTARY MATHEMATICAL PHYSICS<br>COMMENT:CHNG CRED, DESCRIPT, CONT HRS | WIN/2009 - AUT/9999 | 4.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | .   | . | .              |               |              | .   |   |
|            |  |                     |                 | LAST UPDT: 3/19/08 APPROVED: 9/01/86 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |
| PHYS 231   | INTRO EXPERMTL PHYS<br>INTRODUCTORY EXPERIMENTAL PHYSICS<br>COMMENT:EMAIL PREPREQ CHANGE   | SUM/2003 - AUT/9999 | 3.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | .   | . | .              |               |              | .   |   |
|            |  |                     |                 | LAST UPDT: 3/27/03 APPROVED: 6/28/00 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |
| PHYS 232   | COMPUTATIONAL PHYS<br>INTRODUCTION TO COMPUTATIONAL PHYSICS                                | SPR/2001 - AUT/9999 | 3.0             | .                                    | .     | .     | .      | .           | .     | .   | .   | .   | Y   | .   | Y | .              |               |              | .   |   |
|            |  |                     |                 | LAST UPDT: 7/23/04 APPROVED: 2/21/01 |       |       |        |             |       |     |     |     |     |     |   |                |               |              |     |   |

FEE TYPE:1 \$50.00 BUDGET:069372 REV OBJ CD:943081

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 DEPARTMENT: PHYSICS

| CURRIC NUM | COURSE TITLE   | EFFECTIVE  | QUARTERS | QUARTER CREDITS | OVER D             |     | D |       | S H F             |     |     | V L E E W |   |   | RESPONS COURSE | JOINT COURSES | O M I T |   |
|------------|--|------------|----------|-----------------|--------------------|-----|---|-------|-------------------|-----|-----|-----------|---|---|----------------|---------------|---------|---|
|            |  |            |          |                 | -ALL U             | GRD | E | U N E | P & A             | N C | M S | N         | Q | T |                |               |         |   |
| PHYS 248   | INTRO SEL TOPICS<br>INTRODUCTORY SELECTED TOPICS   | WIN/2008 - | AUT/9999 | 1.0-05.0        | 15.0               | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT: 8/27/07 |     |   |       | APPROVED: 8/23/07 |     |     |           |   |   |                |               |         |   |
| PHYS 294   | PHYSICS FRONTIERS<br>INTRODUCTION TO RESEARCH: FRONTIERS OF PHYSICS                          | WIN/2009 - | AUT/9999 | 1.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT: 1/12/09 |     |   |       | APPROVED:12/16/08 |     |     |           |   |   |                |               |         |   |
| PHYS 311   | RELATIVITY<br>RELATIVITY AND GRAVITATION<br>COMMENT:EMAIL PREREQ CHANGE                      | SUM/2003 - | AUT/9999 | 3.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT: 3/27/03 |     |   |       | APPROVED: 9/01/86 |     |     |           |   |   |                |               |         |   |
| PHYS 315   | APP MOD PHYS<br>APPLICATIONS OF MODERN PHYSICS<br>COMMENT:EMAIL PREREQ CHANGE                | SPR/2006 - | AUT/9999 | 3.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT:12/13/05 |     |   |       | APPROVED: 9/24/01 |     |     |           |   |   |                |               |         |   |
| PHYS 321   | ELECTROMAGNETISM<br>ELECTROMAGNETISM<br>COMMENT:EMAIL PREREQ                                 | SPR/2006 - | AUT/9999 | 4.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT:12/13/05 |     |   |       |                   |     |     |           |   |   |                |               |         |   |
| PHYS 322   | ELECTROMAGNETISM<br>ELECTROMAGNETISM<br>COMMENT:CHG CREDITS                                  | SUM/2002 - | AUT/9999 | 4.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT: 3/26/02 |     |   |       |                   |     |     |           |   |   |                |               |         |   |
| PHYS 323   | ELECTROMAGNETISM<br>ELECTROMAGNETISM<br>COMMENT:CHG CREDITS                                  | SUM/2002 - | AUT/9999 | 4.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT: 3/26/02 |     |   |       |                   |     |     |           |   |   |                |               |         |   |
| PHYS 324   | QUANTUM MECHANICS<br>QUANTUM MECHANICS<br>COMMENT:EMAIL PREREQ                               | SPR/2006 - | AUT/9999 | 4.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT:12/13/05 |     |   |       |                   |     |     |           |   |   |                |               |         |   |
| PHYS 325   | QUANTUM MECHANICS<br>QUANTUM MECHANICS<br>COMMENT:CHG CREDITS                                | SUM/2002 - | AUT/9999 | 4.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT: 3/26/02 |     |   |       |                   |     |     |           |   |   |                |               |         |   |
| PHYS 327   | INTRO NUCLEAR PHYS<br>INTRODUCTION TO NUCLEAR PHYSICS  | WIN/1969 - | AUT/9999 | 3.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT: 8/14/06 |     |   |       |                   |     |     |           |   |   |                |               |         |   |
| PHYS 328   | STATISTICAL PHYSICS<br>STATISTICAL PHYSICS   | SPR/1978 - | AUT/9999 | 3.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT: 3/09/94 |     |   |       | APPROVED: 9/01/77 |     |     |           |   |   |                |               |         |   |
| PHYS 329   | MATH &CLAS MECHANICS<br>MATHEMATICAL METHODS AND CLASSICAL MECHANICS<br>COMMENT:WAS PHYS 229 | AUT/2009 - | AUT/9999 | 3.0             | .                  | .   | . | .     | .                 | .   | .   | .         | Y | . | .              | .             | .       | . |
|            |  |            |          |                 | LAST UPDT: 2/18/09 |     |   |       | APPROVED:11/14/06 |     |     |           |   |   |                |               |         |   |

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COLLEGE : C - Arts & Sciences  
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| CURRIC NUM | COURSE TITLE  | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D   |   | D | S H F |   |   | V L E E W |   |   |     |   | RESPONS COURSE | JOINT COURSES | O M I T |
|------------|---|---------------------|-----------------|--|---|---|-------|---|---|-----------|---|---|-----|---|----------------|---------------|---------|
|            |   |                     |                 | -ALL   | U |   | GRD   | E | U | N         | E | P | & N | C |                |               |         |
| PHYS 331   | OPTICS LABORATORY<br>OPTICS LABORATORY<br>COMMENT:EMAIL PREQ CHANGE                     | AUT/2007 - AUT/9999 | 3.0             | .  | . | . | .     | Y | . | Y         | . | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 3/26/07                                 |   |   |       |   |   |           |   |   |     |   |                |               |         |
|            |   |                     |                 | FEE TYPE:1 \$50.00 BUDGET:069372 REV OBJ CD:943081 |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 334   | ELECT CIRCUITS LAB<br>ELECTRIC CIRCUITS LABORATORY<br>COMMENT:EMAIL PREREQ CHANGE       | SUM/2003 - AUT/9999 | 3.0             | .  | . | . | .     | Y | . | Y         | . | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 7/23/04 APPROVED: 6/01/77               |   |   |       |   |   |           |   |   |     |   |                |               |         |
|            |   |                     |                 | FEE TYPE:1 \$50.00 BUDGET:069372 REV OBJ CD:943081 |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 335   | ELECT CIRCUITS LAB<br>ELECTRIC CIRCUITS LABORATORY                                      | SPR/1978 - AUT/9999 | 3.0             | .  | . | . | .     | Y | . | Y         | . | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 7/23/04 APPROVED: 6/01/77               |   |   |       |   |   |           |   |   |     |   |                |               |         |
|            |   |                     |                 | FEE TYPE:1 \$50.00 BUDGET:069372 REV OBJ CD:943081 |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 342   | ENERGY & ENVIRON II<br>ENERGY AND ENVIRONMENT II<br>COMMENT:CHG JT STATUS               | AUT/2004 - AUT/9999 | 3.0             | .  | . | . | .     | . | . | Y         | . | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 3/04/05 APPROVED: 5/24/93               |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 400   | BASIC & MODERN PHYS<br>PHYSICS FOR HIGH SCHOOL TEACHERS                                 | SUM/1975 - AUT/9999 | 10.0            | .  | . | . | .     | . | . | Y         | . | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 9/06/06                                 |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 401   | SPECIAL PROBLEMS<br>SPECIAL PROBLEMS  | SUM/1984 - AUT/9999 | 0.0             | 30.0   | . | . | .     | . | . | .         | . | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 9/29/95                                 |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 402   | SPECIAL PROBLEMS<br>SPECIAL PROBLEMS  | WIN/1986 - AUT/9999 | 0.0             | 30.0   | . | . | .     | . | . | .         | . | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 9/29/95                                 |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 403   | SPECIAL PROBLEMS<br>SPECIAL PROBLEMS  | SPR/1980 - AUT/9999 | 0.0             | 30.0   | . | . | .     | . | . | .         | . | . | .   | . | .              | .             | .       |
|            |   |                     |                 | LAST UPDT: 9/29/95                                 |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 405   | PHYS SCI INQUIRY II<br>PHYSICAL SCIENCE BY INQUIRY II<br>COMMENT:CHANGE PREREQ, DESCRIP | AUT/1996 - AUT/9999 | 5.0             | .  | . | . | .     | . | . | .         | . | . | Y   | . | .              | Y             | .       |
|            |   |                     |                 | LAST UPDT: 3/05/03 APPROVED: 1/01/84               |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 406   | PHYS SCI INQUIRY II<br>PHYSICAL SCIENCE BY INQUIRY II<br>COMMENT:CHANGE PREREQ, DESCRIP | AUT/1996 - AUT/9999 | 5.0             | Y  | . | . | .     | . | . | .         | . | . | Y   | . | .              | Y             | .       |
|            |   |                     |                 | LAST UPDT: 9/09/08 APPROVED: 1/01/84               |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 407   | PHYS BY INQUIRY II<br>PHYSICS BY INQUIRY II<br>COMMENT:CHANGE PREREQ, DESCRIP           | AUT/2000 - AUT/9999 | 5.0             | .  | . | . | .     | . | . | .         | . | . | Y   | . | .              | Y             | .       |
|            |   |                     |                 | LAST UPDT: 1/18/00 APPROVED: 4/01/72               |   |   |       |   |   |           |   |   |     |   |                |               |         |
| PHYS 408   | PHYS BY INQUIRY II<br>PHYSICS BY INQUIRY II<br>COMMENT:CHANGE PREREQ, DESCRIP           | AUT/1996 - AUT/9999 | 5.0             | .  | . | . | .     | . | . | .         | . | . | Y   | . | .              | Y             | .       |
|            |   |                     |                 | LAST UPDT: 7/15/97 APPROVED: 4/01/72               |   |   |       |   |   |           |   |   |     |   |                |               |         |

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| CURRIC NUM | COURSE TITLE   | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D             |   | D                 | S H F |   |   | V L E E W |   |   |   |   | RESPONS COURSE | JOINT COURSES | O M I T |   |
|------------|--|---------------------|-----------------|--------------------|---|-------------------|-------|---|---|-----------|---|---|---|---|----------------|---------------|---------|---|
|            |  |                     |                 | -ALL               | U |                   | GRD   | E | U | N         | E | P | & | N |                |               |         | C |
| PHYS 409   | PHYS BY INQUIRY II<br>PHYSICS BY INQUIRY II<br>COMMENT:CHANGE PREREQ, DESCRIP                          | AUT/1996 - AUT/9999 | 5.0             | .                  | . | .                 | .     | . | . | .         | . | . | Y | . | .              | Y             | .       |   |
|            |  |                     |                 | LAST UPDT: 7/15/97 |   | APPROVED: 5/01/70 |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 410   | INQUIRY FOR TEACHER<br>PHYSICS BY INQUIRY FOR INSERVICE TEACHERS<br>COMMENT:CHG MAX CR RETRO TO SPR/02 | SPR/2002 - AUT/9999 | 1.0-02.0        | 30.0               | Y | CR/NC             | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 3/10/05 |   |                   |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 411   | LEAD TEACHER INQUIR<br>PHYSICS BY INQUIRY FOR LEAD TEACHERS<br>COMMENT:CHANGE TO PERM CR/NCA           | AUT/2005 - AUT/9999 | 1.0-04.0        | 4.0                | Y | CR/NC             | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 7/13/05 |   | APPROVED:10/01/75 |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 412   | LEAD TEACHER INQUIR<br>PHYSICS BY INQUIRY FOR LEAD TEACHERS<br>COMMENT:CHANGE TO CR/NC ONLY            | AUT/2005 - AUT/9999 | 1.0-04.0        | 4.0                | Y | CR/NC             | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 7/13/05 |   | APPROVED:10/01/75 |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 413   | LEAD TEACHER INQUIR<br>PHYSICS BY INQUIRY FOR LEAD TEACHERS<br>COMMENT:CHANGE TO CR/NC ONLY            | AUT/2005 - AUT/9999 | 1.0-04.0        | 4.0                | Y | CR/NC             | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 7/13/05 |   | APPROVED:10/01/75 |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 421   | COMTEMP ATOMIC PHYS<br>CONTEMPORARY ATOMIC PHYSICS<br>COMMENT:CHANGE TITLES                            | SPR/2009 - AUT/9999 | 3.0             | .                  | . | .                 | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 1/21/09 |   |                   |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 422   | CTMP NUCL/PART PHYS<br>CONTEMPORARY NUCLEAR PHYSICS<br>COMMENT:CHG ABBR TITLE                          | AUT/2009 - AUT/9999 | 3.0             | .                  | . | .                 | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 8/17/09 |   |                   |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 423   | CONTEMP COND MATTER<br>CONTEMPORARY CONDENSED MATTER PHYSICS<br>COMMENT:CHG TITLES                     | SPR/2009 - AUT/9999 | 3.0             | .                  | . | .                 | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 1/21/09 |   |                   |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 424   | MATHEMATICL PHYSICS<br>MATHEMATICAL PHYSICS  | AUT/1973 - AUT/9999 | 3.0             | .                  | . | .                 | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 4/28/09 |   |                   |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 425   | MATHMATICL PHYSICS<br>MATHEMATICAL PHYSICS   | WIN/1974 - AUT/9999 | 3.0             | .                  | . | .                 | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 4/28/09 |   |                   |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 426   | MATHEMATICL PHYSICS<br>MATHEMATICAL PHYSICS  | SPR/1974 - AUT/9999 | 3.0             | .                  | . | .                 | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 4/28/09 |   |                   |       |   |   |           |   |   |   |   |                |               |         |   |
| PHYS 427   | APPL OF PHYSICS<br>APPLICATIONS OF PHYSICS   | WIN/1971 - AUT/9999 | 1.0-03.0        | 12.0               | Y | .                 | .     | . | . | .         | . | . | Y | . | .              | .             | .       |   |
|            |  |                     |                 | LAST UPDT: 9/06/06 |   | APPROVED: 7/16/70 |       |   |   |           |   |   |   |   |                |               |         |   |

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| CURRIC<br>NUM | COURSE<br>TITLE   | EFFECTIVE<br>QUARTERS | QUARTER<br>CREDITS | OVER D             |   | D                 | S H F |                   |   | V | E E W |   |   |   |   | RESPONS<br>COURSE | JOINT<br>COURSES | O<br>M<br>I<br>T |   |
|---------------|---|-----------------------|--------------------|--------------------|---|-------------------|-------|-------------------|---|---|-------|---|---|---|---|-------------------|------------------|------------------|---|
|               |   |                       |                    | -ALL               | U |                   | GRD   | E                 | U |   | N     | E | P | & | N |                   |                  |                  | C |
| PHYS 428      | SEL TOPICS IN PHYS<br>SELECTED TOPICS IN PHYSICS  | SUM/1995 - AUT/9999   | 1.0-05.0           | 12.0               | Y | .                 | .     | .                 | . | . | Y     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 3/27/95 |   | APPROVED: 7/01/70 |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 429      | BIOPHYSICS<br>BIOPHYSICS  | SPR/2008 - AUT/9999   | 3.0                | .                  | . | .                 | .     | .                 | . | . | .     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 6/25/07 |   | APPROVED: 6/20/07 |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 431      | MODERN PHYSICS LAB<br>MODERN PHYSICS LABORATORY   | AUT/1971 - AUT/9999   | 3.0                | .                  | . | .                 | .     | Y                 | . | . | Y     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 3/21/07 |   | APPROVED: 7/01/70 |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
|               |   |                       |                    | FEE TYPE:1 \$50.00 |   | BUDGET:069372     |       | REV OBJ CD:943081 |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 432      | MODERN PHYSICS LAB<br>MODERN PHYSICS LABORATORY   | WIN/1973 - AUT/9999   | 3.0                | .                  | . | .                 | .     | Y                 | . | . | Y     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 2/01/10 |   | APPROVED: 7/01/70 |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
|               |   |                       |                    | FEE TYPE:1 \$50.00 |   | BUDGET:069372     |       | REV OBJ CD:943081 |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 433      | MODERN PHYSICS LAB<br>MODERN PHYSICS LABORATORY<br>COMMENT:EMAIL PREREQ CHANGE                      | SPR/2003 - AUT/9999   | 3.0                | .                  | . | .                 | .     | Y                 | . | . | Y     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 7/23/04 |   | APPROVED: 7/01/70 |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
|               |   |                       |                    | FEE TYPE:1 \$50.00 |   | BUDGET:069372     |       | REV OBJ CD:943081 |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 434      | COMPT PHYS MEAS<br>APPLICATION OF COMPUTERS TO PHYSICAL MEASUREMENT<br>COMMENT:E-MAIL PREREQ CHANGE | AUT/2003 - AUT/9999   | 3.0                | .                  | . | .                 | .     | Y                 | . | . | Y     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 7/23/04 |   | APPROVED: 3/01/75 |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
|               |   |                       |                    | FEE TYPE:1 \$50.00 |   | BUDGET:069372     |       | REV OBJ CD:943081 |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 436      | NONLINEAR DYNAMICS<br>NONLINEAR DYNAMICS AND CHAOS  | SPR/1995 - AUT/9999   | 4.0                | .                  | . | .                 | .     | .                 | . | . | Y     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 2/14/95 |   | APPROVED:12/16/94 |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 441      | QUANTUM PHYSICS<br>QUANTUM PHYSICS  | AUT/1978 - AUT/9999   | 4.0                | .                  | . | .                 | .     | .                 | . | . | Y     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 3/09/94 |   | APPROVED: 7/01/78 |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 451      | WOMEN/ETHNICS SEM<br>ISSUES FOR ETHNIC MINORITIES AND WOMEN IN SCIENCE                              | SPR/2000 - AUT/9999   | 3.0-05.0           | .                  | . | .                 | .     | .                 | . | . | Y     | . | . | . | . | .                 | WOMEN 485        | WOMEN 485        |   |
|               |   |                       |                    | LAST UPDT: 3/28/00 |   | APPROVED: 3/28/00 |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 460      | WATER IN ENVIRONMNT<br>WATER IN THE ENVIRONMENT<br>COMMENT:CHG JT STATUS                            | AUT/2009 - AUT/9999   | 3.0                | .                  | . | .                 | .     | .                 | . | . | Y     | . | . | . | . | ESS 424           | ATM S 460        | ESS 424          |   |
|               |   |                       |                    | LAST UPDT: 8/12/09 |   | APPROVED: 2/25/00 |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 485      | H-SR HONORS SEMINAR<br>SENIOR HONORS SEMINAR  | AUT/1997 - AUT/9999   | 1.0                | 3.0                | . | .                 | .     | .                 | . | . | Y     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 3/14/97 |   |                   |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 486      | H-SR HONORS SEMINAR<br>SENIOR HONORS SEMINAR  | AUT/1997 - AUT/9999   | 1.0                | 3.0                | . | .                 | .     | .                 | . | . | Y     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 3/14/97 |   |                   |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |
| PHYS 487      | H-SR HONORS SEMINAR<br>SENIOR HONORS SEMINAR  | AUT/1997 - AUT/9999   | 1.0                | 3.0                | . | .                 | .     | .                 | . | . | Y     | . | . | . | . | .                 | .                | .                |   |
|               |   |                       |                    | LAST UPDT: 3/14/97 |   |                   |       |                   |   |   |       |   |   |   |   |                   |                  |                  |   |

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| CURRIC | COURSE NUM | TITLE  | EFFECTIVE | QUARTERS   | QUARTER CREDITS | OVER D             |   | D                  | S H F |   |   | V |   | L I E C Q T |   |   |   | RESPONS | JOINT | O |
|--------|------------|--|-----------|------------|-----------------|--------------------|---|--------------------|-------|---|---|---|---|-------------|---|---|---|---------|-------|---|
|        |            |  |           |            |                 | -ALL               | U |                    | GRD   | E | U | N | E | P           | & | N | C |         |       |   |
| PHYS   | 491        | INDEP RESEARCH<br>INDEPENDENT RESEARCH   | AUT/1993  | - AUT/9999 | 1.0-03.0        | 3.0                | Y | .                  | .     | . | . | . | . | .           | . | Y | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 4/11/94 |   | APPROVED: 3/29/93  |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 492        | INDEP RESEARCH<br>INDEPENDENT RESEARCH   | AUT/1993  | - AUT/9999 | 1.0-03.0        | 3.0                | Y | .                  | .     | . | . | . | . | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 4/11/94 |   | APPROVED: 3/29/93  |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 493        | INDEP RESEARCH<br>INDEPENDENT RESEARCH   | AUT/1993  | - AUT/9999 | 1.0-03.0        | 3.0                | Y | .                  | .     | . | . | . | . | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 4/11/94 |   | APPROVED: 3/29/93  |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 494        | SEM CURRENT PROBS<br>SEMINAR ON CURRENT PROBLEMS IN PHYSICS<br>COMMENT:CHG CREDITS | SPR/2003  | - AUT/9999 | 1.0             | 3.0                | Y | .                  | .     | . | . | . | Y | .           | . | Y | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 2/05/03 |   | APPROVED: 3/29/93  |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 495        | SEM CURRENT PROBS<br>SEMINAR ON CURRENT PROBLEMS IN PHYSICS<br>COMMENT:CHG CREDITS | SPR/2003  | - AUT/9999 | 1.0             | 3.0                | Y | .                  | .     | . | . | . | Y | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 2/05/03 |   | APPROVED: 3/29/93  |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 496        | SEM CURRENT PROBS<br>SEMINAR ON CURRENT PROBLEMS IN PHYSICS<br>COMMENT:CHG CREDITS | SPR/2003  | - AUT/9999 | 1.0             | 3.0                | Y | .                  | .     | . | . | . | Y | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 2/05/03 |   | APPROVED: 3/29/93  |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 501        | TEACHING PHYSICS<br>TUTORIALS IN TEACHING PHYSICS                                  | AUT/1995  | - AUT/9999 | 1.0             | 2.0                | Y | CR/NC              | .     | . | . | . | . | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 6/02/95 |   | APPROVED: 3/29/93  |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 502        | TEACHING PHYSICS<br>TUTORIALS IN TEACHING PHYSICS                                  | AUT/1995  | - AUT/9999 | 1.0             | 2.0                | Y | CR/NC              | .     | . | . | . | . | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 6/02/95 |   | APPROVED: 3/29/93  |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 503        | TEACHING PHYSICS<br>TUTORIALS IN TEACHING PHYSICS                                  | AUT/1995  | - AUT/9999 | 1.0             | 2.0                | Y | CR/NC              | .     | . | . | . | . | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 6/02/95 |   | APPROVED: 3/29/93  |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 505        | MECHANICS<br>MECHANICS   | AUT/1996  | - AUT/9999 | 3.0             | .                  | . | .                  | .     | . | . | . | . | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 3/19/96 |   | APPROVED: 12/01/81 |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 506        | NUMERICAL METHODS<br>NUMERICAL METHODS   | AUT/1996  | - AUT/9999 | 3.0             | .                  | . | .                  | .     | . | . | . | . | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 3/19/96 |   | APPROVED: 12/01/81 |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 507        | PHYS GROUP THEORY<br>PHYSICAL APPLICATIONS OF GROUP THEORY                         | SPR/1984  | - AUT/9999 | 3.0             | .                  | . | .                  | .     | . | . | . | . | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 0/00/00 |   | APPROVED: 6/01/83  |       |   |   |   |   |             |   |   |   |         |       |   |
| PHYS   | 511        | CONTEMPORARY PHYSIC<br>TOPICS IN CONTEMPORARY PHYSICS                              | WIN/1997  | - AUT/9999 | 3.0             | 9.0                | . | .                  | .     | . | . | . | . | .           | . | . | . | .       | .     |   |
|        |            |  |           |            |                 | LAST UPDT: 6/11/96 |   | APPROVED: 2/23/96  |       |   |   |   |   |             |   |   |   |         |       |   |



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| CURRIC | COURSE NUM | TITLE   | EFFECTIVE  | QUARTERS | CREDITS | OVER D                               |       | S H F | V L E E W |     |     |       |     | RESPONS | JOINT | O |
|--------|------------|---|------------|----------|---------|--------------------------------------|-------|-------|-----------|-----|-----|-------|-----|---------|-------|---|
|        |            |   |            |          |         | -ALL                                 | D     |       | L I       | E C | Q T | P & N | C M |         |       |   |
| PHYS   | 513        | ELECTRMAG & RELTVTY<br>ELECTROMAGNETISM AND RELATIVITY                                    | AUT/1968 - | AUT/9999 | 4.0     | .                                    | .     | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT: 0/00/00                   |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 514        | ELECTRMAG & RELTVTY<br>ELECTROMAGNETISM AND RELATIVITY                                    | WIN/1996 - | AUT/9999 | 3.0     | .                                    | .     | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT: 9/06/06                   |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 515        | ELECTRMAG & RELTVTY<br>ELECTROMAGNETISM AND RELATIVITY                                    | SPR/1971 - | AUT/9999 | 4.0     | .                                    | .     | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT:11/18/92                   |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 517        | QUANTUM MECHANICS<br>QUANTUM MECHANICS<br>COMMENT:CHANGE DESCRIPTION                      | AUT/1998 - | AUT/9999 | 4.0     | .                                    | .     | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT: 2/27/98                   |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 518        | QUANTUM MECHANICS<br>QUANTUM MECHANICS<br>COMMENT:CHANGE DESCRIPTION                      | AUT/1998 - | AUT/9999 | 4.0     | .                                    | .     | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT: 2/27/98                   |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 519        | QUANTUM MECHANICS<br>QUANTUM MECHANICS<br>COMMENT:CHANGE DESCRIPTION                      | AUT/1998 - | AUT/9999 | 4.0     | .                                    | .     | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT: 2/27/98                   |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 520        | ADV QM-INTRO QFT<br>ADV QUANTAM MECH-INTRO TO QUANTAM FIELD THEORY<br>COMMENT:CHG CREDITS | AUT/2002 - | AUT/9999 | 4.0     | .                                    | .     | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT: 3/05/02 APPROVED:10/05/92 |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 521        | ADV QM-INTRO QFT<br>ADV QUANTUM MECHANIC-INTRO TO QUANTUM FIELD THEORY                    | WIN/1993 - | AUT/9999 | 3.0     | .                                    | .     | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT:11/19/92 APPROVED:10/05/92 |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 522        | INTRO MODERN QFT<br>ADVANCED QUANTUM MECHANICS:INTROD TO MODERN QFT                       | SUM/1997 - | AUT/9999 | 3.0     | .                                    | CR/NC | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT: 1/31/97 APPROVED:10/05/92 |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 524        | THERMO & STAT MECH<br>THERMODYNAMICS AND STATISTICAL MECHANICS                            | WIN/1996 - | AUT/9999 | 4.0     | .                                    | .     | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT: 8/28/96                   |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 525        | STATISTICAL MECH<br>STATISTICAL MECHANICS   | AUT/1996 - | AUT/9999 | 3.0     | .                                    | .     | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT: 3/19/96                   |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 527        | CURRENT PROBS PHYS<br>CURRENT PROBLEMS IN PHYSICS   | AUT/1992 - | AUT/9999 | 1.0     | .                                    | CR/NC | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT:12/15/92 APPROVED: 5/29/92 |       |       |           |     |     |       |     |         |       |   |
| PHYS   | 528        | CURRENT PROBS PHYS<br>CURRENT PROBLEMS IN PHYSICS   | WIN/1993 - | AUT/9999 | 1.0     | .                                    | CR/NC | .     | .         | .   | .   | .     | .   | .       | .     | . |
|        |            |   |            |          |         | LAST UPDT:12/15/92 APPROVED: 5/29/92 |       |       |           |     |     |       |     |         |       |   |

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COLLEGE : C - Arts & Sciences  
 DEPARTMENT: PHYSICS

| CURRIC NUM | COURSE TITLE   | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D                               |     | D | S H F |     |   | V L E E W |   |   |   |   | RESPONS COURSE | JOINT COURSES | O M I T |
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|            |  |                     |                 | -ALL U                               | GRD |   | U     | GRD | E | U         | N | E | P | N |                |               |         |
| PHYS 529   | CURRENT PROBS PHYS<br>CURRENT PROBLEMS IN PHYSICS  | AUT/1969 - AUT/9999 | 1.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 1/06/93                   |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 530   | LASER PHYSICS<br>LASER PHYSICS<br>COMMENT:WAS PHYS 580                                     | SPR/1994 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 9/06/06 APPROVED:12/06/93 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 532   | LIQ CRYSTAL DEVICES<br>LIQUID CRYSTAL DEVICES<br>COMMENT:WAS PHYS 582                      | SPR/1994 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 9/06/06 APPROVED:12/06/93 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 536   | INTRO ACOUSTICS/DSP<br>INTRODUCTION TO ACOUSTICS AND DIGITAL SIGNAL PROCE                  | AUT/2004 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT:11/19/04 APPROVED: 8/20/04 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 541   | APPL OF QUANT PHYS<br>APPLICATIONS OF QUANTUM PHYSICS                                      | SPR/1979 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 0/00/00 APPROVED: 7/01/78 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 542   | NUMERICAL METHODS<br>NUMERICAL METHODS IN PHYSICS<br>COMMENT:CHANGE CAT DATA AND PREREQ    | WIN/1999 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 6/25/98 APPROVED: 5/01/81 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 543   | ELECTROMAG THEORY<br>ELECTROMAGNETIC THEORY  | WIN/1999 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 9/10/99 APPROVED: 4/01/82 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 544   | APP ELECTMAG THY<br>APPLICATIONS OF ELECTROMAGNETIC THEORY<br>COMMENT:ALSO CHANGE CAT DATA | WIN/1999 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 6/25/98 APPROVED:12/01/80 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 545   | CONTEMPORARY OPTICS<br>CONTEMPORARY OPTICS   | AUT/1979 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 0/00/00 APPROVED: 6/01/79 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 546   | CONDNSD MATTER PHYS<br>CONDENSED-MATTER PHYSICS<br>COMMENT:CHANGE CAT DATA                 | WIN/1999 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 6/25/98 APPROVED:10/01/79 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 547   | RESEARCH ELECTRNICS<br>ELECTRONICS FOR PHYSICS RESEARCH                                    | SPR/1980 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 0/00/00 APPROVED:10/01/79 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 549   | LOW TEMP PHYSICS<br>LOW TEMPERATURE PHYSICS AND CRYOGENICS                                 | SPR/1982 - AUT/9999 | 4.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 0/00/00 APPROVED: 6/01/81 |     |   |       |     |   |           |   |   |   |   |                |               |         |
| PHYS 550   | ATOMIC PHYSICS<br>ATOMIC PHYSICS   | WIN/1973 - AUT/9999 | 3.0             | .                                    | .   | . | .     | .   | . | .         | . | . | . | . | .              | .             | .       |
|            |  |                     |                 | LAST UPDT: 9/06/06                   |     |   |       |     |   |           |   |   |   |   |                |               |         |





