

DATE: 10-11-2010  
TIME: 20:10:03

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
DETAILED CURRICULUM REPORT  
Seattle CAMPUS

REPORT: SR21010-R-01 I  
PAGE: 152

COLLEGE : C - Arts & Sciences  
DEPARTMENT: ASTRONOMY

| COURSE<br>CURRIC NUM | TITLE                                                                                             | EFFECTIVE | QUARTERS   | QUARTER<br>CREDITS | OVER D<br>-ALL U<br>MAX P | D<br>GRD<br>SYS | E<br>D<br>HYPH | S H F<br>U N E<br>M R E | V<br>L I<br>P & N<br>A S W | E E<br>L E C<br>M S N<br>T P R G | W<br>R<br>N<br>G | RESPONS<br>COURSE | JOINT<br>COURSES | O<br>M<br>I<br>T |
|----------------------|---------------------------------------------------------------------------------------------------|-----------|------------|--------------------|---------------------------|-----------------|----------------|-------------------------|----------------------------|----------------------------------|------------------|-------------------|------------------|------------------|
| ASTR 101             | ASTRONOMY<br>ASTRONOMY<br>COMMENT:DL SUFFIX                                                       | SPR/2004  | - AUT/9999 | 5.0                | .                         | .               | .              | . . Y                   | .                          | . . Y                            | . . Y .          |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 5/25/05        |                 |                |                         |                            |                                  |                  |                   |                  |                  |
|                      |                                                                                                   |           |            |                    | FEE TYPE:1                | \$15.00         | BUDGET:069398  | REV OBJ CD:943081       |                            |                                  |                  |                   |                  |                  |
| ASTR 102             | INTRO TO ASTRONOMY<br>INTRODUCTION TO ASTRONOMY<br>COMMENT:CHANGE DESCRIPTION                     | AUT/2003  | - AUT/9999 | 5.0                | .                         | .               | .              | . . Y                   | .                          | . . Y                            | . . Y .          |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 7/22/04        |                 |                |                         |                            |                                  |                  |                   |                  |                  |
|                      |                                                                                                   |           |            |                    | FEE TYPE:1                | \$15.00         | BUDGET:069398  | REV OBJ CD:943081       |                            |                                  |                  |                   |                  |                  |
| ASTR 105             | EXPLORING THE MOON<br>EXPLORING THE MOON                                                          | AUT/2010  | - AUT/9999 | 5.0                | .                         | .               | .              | .                       | .                          | Y                                | . . .            |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 2/17/10        |                 |                | APPROVED: 2/16/10       |                            |                                  |                  |                   |                  |                  |
| ASTR 115             | INTRO ASTROBIOLOGY<br>ASTROBIOLOGY: LIFE IN THE UNIVERSE<br>COMMENT:MOVE JT COLLEGE               | SPR/2010  | - AUT/9999 | 5.0                | .                         | .               | .              | .                       | .                          | Y                                | . . .            | ASTBIO115         | ASTBIO115        | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 2/10/10        |                 |                | APPROVED: 2/27/04       |                            |                                  |                  | ESS 115           |                  |                  |
|                      |                                                                                                   |           |            |                    |                           |                 |                |                         |                            |                                  |                  | OCEAN 115         |                  |                  |
|                      |                                                                                                   |           |            |                    |                           |                 |                |                         |                            |                                  |                  | BIOL 114          |                  |                  |
| ASTR 150             | THE PLANETS<br>THE PLANETS                                                                        | SPR/1984  | - AUT/9999 | 5.0                | .                         | .               | .              | . . Y                   | .                          | . . Y                            | . . Y .          |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 8/16/06        |                 |                | APPROVED: 2/03/75       |                            |                                  |                  |                   |                  |                  |
|                      |                                                                                                   |           |            |                    | FEE TYPE:1                | \$15.00         | BUDGET:069398  | REV OBJ CD:943081       |                            |                                  |                  |                   |                  |                  |
| ASTR 190             | TOPICS IN ASTRONOMY<br>MODERN TOPICS IN ASTRONOMY FOR NON-SCIENCE MAJORS                          | SUM/1997  | - AUT/9999 | 3.0-05.0           | 10.0                      | .               | .              | .                       | .                          | Y                                | . . .            |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 2/11/97        |                 |                | APPROVED: 5/01/85       |                            |                                  |                  |                   |                  |                  |
| ASTR 192             | SEM PRE ASTR MAJORS<br>PRE-MAJOR IN ASTRONOMY RESEARCH SEMINAR                                    | AUT/2007  | - AUT/9999 | 3.0                | .                         | .               | .              | .                       | .                          | Y                                | . . .            |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 5/23/07        |                 |                | APPROVED: 4/25/07       |                            |                                  |                  |                   |                  |                  |
| ASTR 201             | THE UNIVERSE<br>THE UNIVERSE AND THE ORIGIN OF LIFE                                               | WIN/1974  | - AUT/9999 | 5.0                | .                         | .               | .              | .                       | .                          | Y                                | . . Y .          |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 4/05/96        |                 |                | APPROVED: 8/01/73       |                            |                                  |                  |                   |                  |                  |
| ASTR 210             | DISTANCE AND TIME<br>DISTANCE AND TIME:SIZE AND AGE IN THE UNIVERSE                               | AUT/1988  | - AUT/9999 | 5.0                | .                         | .               | .              | .                       | .                          | Y                                | . . Y .          |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 3/24/94        |                 |                | APPROVED:12/01/87       |                            |                                  |                  |                   |                  |                  |
| ASTR 211             | UNIVERSE AND CHANGE<br>THE UNIVERSE AND CHANGE                                                    | WIN/1989  | - AUT/9999 | 5.0                | .                         | .               | .              | .                       | .                          | Y                                | . . Y .          |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 3/24/94        |                 |                | APPROVED:12/01/87       |                            |                                  |                  |                   |                  |                  |
| ASTR 270             | PUBLIC OUTRCH ASTRO<br>PUBLIC OUTREACH IN ASTRONOMY                                               | AUT/2005  | - AUT/9999 | 3.0                | .                         | .               | .              | .                       | .                          | Y                                | . . Y .          |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 5/25/05        |                 |                | APPROVED: 5/23/05       |                            |                                  |                  |                   |                  |                  |
| ASTR 300             | ASTRO PROGRAMMING<br>INTRODUCTION TO PROGRAMMING FOR ASTRONOMICAL APPLI<br>COMMENT:EMAIL PREQ CHG | WIN/2008  | - AUT/9999 | 2.0                | .                         | .               | .              | .                       | .                          | Y                                | . . Y .          |                   |                  | .                |
|                      |                                                                                                   |           |            |                    | LAST UPDT: 7/13/07        |                 |                | APPROVED: 6/13/06       |                            |                                  |                  |                   |                  |                  |

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DEPARTMENT: ASTRONOMY

| CURRIC | COURSE<br>NUM | TITLE                                                                                          | EFFECTIVE           | QUARTERS | QUARTER<br>CREDITS | OVER D     |         | GRD           | D                 | S H F     | L I      | V | E E | W | RESPONS | JOINT             | O |
|--------|---------------|------------------------------------------------------------------------------------------------|---------------------|----------|--------------------|------------|---------|---------------|-------------------|-----------|----------|---|-----|---|---------|-------------------|---|
|        |               |                                                                                                |                     |          |                    | -ALL       | U       |               |                   |           |          |   |     |   |         |                   |   |
|        |               |                                                                                                |                     |          |                    | MAX        | P       | SYS           | D                 | M R E     | A        | S | W   | T | COURSE  | COURSES           | I |
| ASTR   | 301           | ASTR FOR SCI & ENGR<br>ASTRONOMY FOR SCIENTISTS AND ENGINEERS                                  | SPR/1969 - AUT/9999 |          | 3.0                |            |         |               |                   |           |          |   | Y   |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 12/20/05      |                   |           |          |   |     |   |         |                   |   |
| ASTR   | 313           | SCI&CIV-PHYS&ASTPHY<br>SCI IN CIVILIZATION:PHYS & ASTROPHYSICS SINCE 1850                      | SPR/1993 - AUT/9999 |          | 5.0                |            |         |               |                   |           |          |   | Y   | Y |         | HIST 313 HIST 313 | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 9/08/94       |                   | APPROVED: | 12/09/92 |   |     |   |         |                   |   |
| ASTR   | 321           | SOLAR SYSTEM<br>THE SOLAR SYSTEM                                                               | AUT/1979 - AUT/9999 |          | 3.0                |            |         |               |                   |           |          |   | Y   |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 3/09/94       |                   | APPROVED: | 2/01/79  |   |     |   |         |                   |   |
| ASTR   | 322           | CONTENT OF GALAXY<br>THE CONTENTS OF OUR GALAXY<br>COMMENT:EMAIL PREQ CHG                      | AUT/2009 - AUT/9999 |          | 3.0                |            |         |               |                   |           |          |   | Y   |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 4/17/09       |                   | APPROVED: | 2/01/79  |   |     |   |         |                   |   |
| ASTR   | 323           | EXTN GALAXIES COSM<br>EXTRAGALACTIC ASTRONOMY AND COSMOLOGY                                    | SPR/1980 - AUT/9999 |          | 3.0                |            |         |               |                   |           |          |   | Y   |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 3/09/94       |                   | APPROVED: | 2/01/79  |   |     |   |         |                   |   |
| ASTR   | 400           | UG RESEARCH SEMINAR<br>UNDERGRADUATE RESEARCH SEMINAR                                          | AUT/2010 - AUT/9999 |          | 1.0                |            |         | CR/NC         |                   |           |          |   | Y   |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 2/17/10       |                   | APPROVED: | 2/16/10  |   |     |   |         |                   |   |
| ASTR   | 421           | STELLAR OBSN THEORY<br>STELLAR OBSERVATIONS AND THEORY<br>COMMENT:EMAIL PREREQ CHANGE          | WIN/2006 - AUT/9999 |          | 3.0                |            |         |               |                   |           |          |   | Y   |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 3/09/05       |                   | APPROVED: | 6/01/85  |   |     |   |         |                   |   |
| ASTR   | 423           | HIGH ENERGY ASTROPH<br>HIGH ENERGY ASTROPHYSICS                                                | SPR/1987 - AUT/9999 |          | 3.0                |            |         |               |                   |           |          |   | Y   |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 3/11/94       |                   | APPROVED: | 6/01/85  |   |     |   |         |                   |   |
| ASTR   | 425           | COSMOLOGY<br>COSMOLOGY                                                                         | WIN/2007 - AUT/9999 |          | 3.0                |            |         |               |                   |           |          |   |     |   | Y       |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 10/26/06      |                   | APPROVED: | 10/25/06 |   |     |   |         |                   |   |
| ASTR   | 427           | COMPUTATIONAL ASTRO<br>METHODS OF COMPUTATIONAL ASTROPHYSICS                                   | AUT/2010 - AUT/9999 |          | 3.0                |            |         |               |                   |           |          |   | Y   |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 4/21/10       |                   | APPROVED: | 4/20/10  |   |     |   |         |                   |   |
| ASTR   | 480           | ASTRO DATA ANALYS<br>INTRODUCTION TO ASTRONOMICAL DATA ANALYSIS<br>COMMENT:EMAIL PREREQ CHANGE | AUT/2009 - AUT/9999 |          | 5.0                |            |         |               |                   | Y         |          |   | Y   |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 4/17/09       |                   | APPROVED: | 1/24/96  |   |     |   |         |                   |   |
|        |               |                                                                                                |                     |          |                    | FEE TYPE:1 | \$10.00 | BUDGET:069398 | REV OBJ CD:943081 |           |          |   |     |   |         |                   |   |
| ASTR   | 481           | ASTRO OBSERVATION<br>INTRODUCTION TO ASTRONOMICAL OBSERVATION<br>COMMENT:EMAIL PREQ CHG        | SUM/2008 - AUT/9999 |          | 5.0                |            |         |               |                   | Y         |          |   | Y   |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 6/19/07       |                   | APPROVED: | 1/24/96  |   |     |   |         |                   |   |
|        |               |                                                                                                |                     |          |                    | FEE TYPE:1 | \$15.00 | BUDGET:069398 | REV OBJ CD:943081 |           |          |   |     |   |         |                   |   |
| ASTR   | 482           | SCIENTIFIC WRITING<br>WRITING SCIENTIFIC PAPERS<br>COMMENT:CHG TITLES, DESC                    | AUT/2008 - AUT/9999 |          | 2.0                |            |         |               |                   |           |          |   |     |   |         |                   | . |
|        |               |                                                                                                |                     |          |                    | LAST       | UPDT:   | 2/15/08       |                   | APPROVED: | 6/13/06  |   |     |   |         |                   |   |

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| DEPARTMENT: ASTRONOMY |                                                                                         |                     |                    |                                                        |                                  |                   |                  |             |  | V | L | E | E | W |  | O |
|-----------------------|-----------------------------------------------------------------------------------------|---------------------|--------------------|--------------------------------------------------------|----------------------------------|-------------------|------------------|-------------|--|---|---|---|---|---|--|---|
| COURSE<br>CURRIC NUM  | TITLE                                                                                   | EFFECTIVE QUARTERS  | QUARTER<br>CREDITS | OVER D<br>-ALL U GRD E S H F<br>MAX P SYS D HYPH M R E | P & N C M S N<br>A S W T P R G   | RESPONS<br>COURSE | JOINT<br>COURSES | M<br>I<br>T |  |   |   |   |   |   |  |   |
| ASTR 497              | TOPICS IN ASTRONOMY<br>TOPICS IN CURRENT ASTRONOMY<br>COMMENT:EMAIL PREREQ CHANGE       | WIN/2006 - AUT/9999 | 1.0-03.0           | 9.0 .<br>LAST UPDT: 9/01/05                            | . Y . . . .<br>APPROVED:11/01/75 |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 498              | INDEPENDENT STUDY<br>INDEPENDENT STUDY                                                  | AUT/2010 - AUT/9999 | 1.0-03.0           | 15.0 . CR/NC<br>LAST UPDT: 2/17/10                     | . Y . . . .<br>APPROVED: 2/16/10 |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 499              | UNDERGRAD RESEARCH<br>UNDERGRADUATE RESEARCH                                            | SPR/1976 - AUT/9999 | 0.0                | 15.0 Y<br>LAST UPDT: 4/11/94                           | . . . . .                        |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 500              | ASTRONOMY INSTRUCTN<br>PRACTICAL METHODS FOR TEACHING<br>COMMENT:CHG TITLES, CRS        | WIN/2007 - AUT/9999 | 1.0-03.0           | 5.0 Y CR/NC<br>LAST UPDT: 6/21/06                      | . . . . .<br>APPROVED:11/01/77   |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 507              | ASTROPHYSICS I<br>PHYSICAL FOUNDATIONS OF ASTROPHYSICS I                                | SPR/1977 - AUT/9999 | 3.0                | .<br>LAST UPDT: 0/00/00                                | . . . . .<br>APPROVED:11/01/69   |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 508              | ASTROPHYSICS II<br>PHYSICAL FOUNDATIONS OF ASTROPHYSICS II                              | AUT/1977 - AUT/9999 | 3.0                | .<br>LAST UPDT: 0/00/00                                | . . . . .<br>APPROVED:11/01/69   |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 509              | ASTROPHYSICS III<br>PHYSICAL FOUNDATIONS OF ASTROPHYSICS III                            | AUT/1993 - AUT/9999 | 3.0                | .<br>LAST UPDT: 2/23/93                                | . . . . .<br>APPROVED: 2/22/93   |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 510              | NUCLEAR ASTROPHYSIC<br>NUCLEAR ASTROPHYSICS                                             | AUT/1998 - AUT/9999 | 3.0                | .<br>LAST UPDT: 2/27/98                                | . . . . .<br>APPROVED: 2/25/98   | PHYS 554          | PHYS 554         | .           |  |   |   |   |   |   |  |   |
| ASTR 511              | GALACTIC STRUCTURE<br>GALACTIC STRUCTURE                                                | AUT/1976 - AUT/9999 | 3.0                | .<br>LAST UPDT: 0/00/00                                | . . . . .                        |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 512              | EXTRAGALACTIC ASTRN<br>EXTRAGALACTIC ASTRONOMY                                          | AUT/1968 - AUT/9999 | 3.0                | .<br>LAST UPDT: 0/00/00                                | . . . . .                        |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 513              | COSMOL/PART ASTRPHY<br>COSMOLOGY AND PARTICLE ASTROPHYSICS<br>COMMENT:DROP JOINT STATUS | SPR/2009 - AUT/9999 | 3.0                | .<br>LAST UPDT: 5/19/08                                | . . . . .                        |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 519              | RADIATIVE PROCESSES<br>RADIATIVE PROCESSES IN ASTROPHYSICS                              | AUT/2005 - AUT/9999 | 3.0                | .<br>LAST UPDT: 3/31/05                                | . . . . .<br>APPROVED: 3/29/05   |                   |                  | .           |  |   |   |   |   |   |  |   |
| ASTR 521              | STELLAR ATMOSPHERES<br>STELLAR ATMOSPHERES                                              | WIN/1978 - AUT/9999 | 3.0                | .<br>LAST UPDT: 0/00/00                                | . . . . .                        |                   |                  | .           |  |   |   |   |   |   |  |   |



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COLLEGE : C - Arts & Sciences  
DEPARTMENT: ASTRONOMY

| CURRIC | COURSE<br>NUM | TITLE                                                 | EFFECTIVE | QUARTERS   | QUARTER<br>CREDITS | OVER D             |   | GRD | D  |      | S H F |                   | V   |       | E E   |   | W | O       |         |   |  |  |  |  |  |
|--------|---------------|-------------------------------------------------------|-----------|------------|--------------------|--------------------|---|-----|----|------|-------|-------------------|-----|-------|-------|---|---|---------|---------|---|--|--|--|--|--|
|        |               |                                                       |           |            |                    | -ALL               | U |     | E  | HYPH | U N E | M R E             | L I | P & N | C M S | N |   |         |         |   |  |  |  |  |  |
|        |               |                                                       |           |            |                    | MAX                | P | SYS | D  |      |       |                   | A   | S     | W     | T | P | R       |         |   |  |  |  |  |  |
|        |               |                                                       |           |            |                    |                    |   |     |    |      |       |                   |     |       |       |   |   | RESPONS | JOINT   | I |  |  |  |  |  |
|        |               |                                                       |           |            |                    |                    |   |     |    |      |       |                   |     |       |       |   |   | COURSE  | COURSES | T |  |  |  |  |  |
| ASTR   | 600           | INDEPN DNT STDY/RSCH<br>INDEPENDENT STUDY OR RESEARCH | SUM/1969  | - AUT/9999 | 0.0                | 999.0              | . | .   | 11 | .    | .     | .                 | .   | .     | .     | . | . | .       | .       | . |  |  |  |  |  |
|        |               |                                                       |           |            |                    | LAST UPDT: 4/19/10 |   |     |    |      |       |                   |     |       |       |   |   |         |         | . |  |  |  |  |  |
| ASTR   | 700           | MASTERS THESIS<br>MASTERS THESIS                      | SUM/1970  | - AUT/9999 | 0.0                | 999.0              | . | .   | 11 | .    | .     | .                 | .   | .     | .     | . | . | .       | .       | . |  |  |  |  |  |
|        |               |                                                       |           |            |                    | LAST UPDT: 4/19/10 |   |     |    |      |       | APPROVED: 1/01/70 |     |       |       |   |   |         |         | . |  |  |  |  |  |
| ASTR   | 800           | DOCTORAL DISSERTATN<br>DOCTORAL DISSERTATION          | AUT/1970  | - AUT/9999 | 0.0                | 999.0              | . | .   | 11 | .    | .     | .                 | .   | .     | .     | . | . | .       | .       | . |  |  |  |  |  |
|        |               |                                                       |           |            |                    | LAST UPDT: 4/19/10 |   |     |    |      |       | APPROVED: 1/01/70 |     |       |       |   |   |         |         | . |  |  |  |  |  |