

DATE: 07-06-2015  
TIME: 20:10:19

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
DETAILED CURRICULUM REPORT  
Seattle CAMPUS

REPORT: SR21010-R-01 K  
PAGE: 224

COLLEGE : C - Arts & Sciences  
DEPARTMENT: ASTRONOMY

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			
ASTR 101	ASTRONOMY Astronomy	SPR/2013 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	
				LAST UPDT: 3/20/13 FEE TYPE:1 \$15.00 BUDGET:069398 REV OBJ CD:943081 COMMENT:PERM DL													
ASTR 102	INTRO TO ASTRONOMY Introduction to Astronomy	AUT/2003 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	
				LAST UPDT: 8/14/12 FEE TYPE:1 \$15.00 BUDGET:069398 REV OBJ CD:943081 COMMENT:CHANGE DESCRIPTION													
ASTR 105	EXPLORING THE MOON Exploring the Moon	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	
				LAST UPDT: 2/17/10 APPROVED: 2/16/10													
ASTR 115	INTRO ASTROBIOLOGY Astrobiology: Life in the Universe	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	ASTBIO115	ASTBIO115	
				LAST UPDT: 2/10/10 APPROVED: 2/27/04 COMMENT:MOVE JT COLLEGE													
															ESS 115		
															OCEAN 115		
															BIOL 114		
ASTR 150	THE PLANETS The Planets	SPR/1984 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	
				LAST UPDT: 8/14/12 APPROVED: 2/03/75 FEE TYPE:1 \$15.00 BUDGET:069398 REV OBJ CD:943081													
ASTR 160	INTRO EXOPLANETS Introduction to Exoplanets	SPR/2014 - AUT/9999	3.0-05.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	
				LAST UPDT: 1/22/14 APPROVED: 1/21/14													
ASTR 190	TOPICS IN ASTRONOMY 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 Pre-Major in Astronomy Research Seminar	AUT/2012 - AUT/9999	3.0-05.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	
				LAST UPDT: 9/05/12 APPROVED: 4/25/07 FEE TYPE:1 \$20.00 BUDGET:069398 REV OBJ CD:943081 COMMENT:CHG CREDITS													
ASTR 201	THE UNIVERSE The Universe and the Origin of Life	WIN/1974 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	Y	.	.	.	
				LAST UPDT: 4/05/96 APPROVED: 8/01/73													

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				-ALL MAX	U P	GRD SYS	E D	H HYPH	F M	S R	H E	F E	V A	L S	E &				E N	W C	W M	
ASTR 210	DISTANCE AND TIME 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 The Universe and Change	AUT/2013 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.	Y	.	Y	.	.			.	
				LAST UPDT: 7/18/13 APPROVED:12/01/87 FEE TYPE:1 \$10.00 BUDGET:069398 REV OBJ CD:943081																		
ASTR 270	PUBLIC OUTRCH ASTRO 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 Introduction to Programming for Astronomical Applications	SUM/2012 - AUT/9999	2.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	Y	.	.	
				LAST UPDT: 8/14/12 APPROVED: 6/13/06 FEE TYPE:1 \$20.00 BUDGET:069398 REV OBJ CD:943081																		
ASTR 301	ASTR FOR SCI & ENGR Astronomy for Scientists and Engineers	SPR/1969 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	Y	.	.	.		.	
				LAST UPDT:12/20/05																		
ASTR 313	SCI&CIV-PHYS&ASTPHY Science in Civilization: Physics and Astrophysics Since 1850	AUT/2014 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	Y	Y	.	.	.	.	HSTCMP313	HSTCMP313	.
				LAST UPDT: 3/21/14 APPROVED:12/09/92																		
				COMMENT:CHG JT STATUS																		
ASTR 321	SOLAR SYSTEM The Solar System	AUT/1979 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	Y	.	.	.		.	
				LAST UPDT: 3/09/94 APPROVED: 2/01/79																		
ASTR 322	CONTENT OF GALAXY The Contents of Our Galaxy	WIN/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	Y	.	.	.		.	
				LAST UPDT:10/23/12 APPROVED: 2/01/79																		
				COMMENT:EMAIL PREQ CHG																		
ASTR 323	EXTN GALAXIES COSM 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 Undergraduate Research Seminar	AUT/2010 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	Y	.	.	.		.	
				LAST UPDT: 2/17/10 APPROVED: 2/16/10																		

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CURRIC	NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V L E E W					RESPONS	JOINT	O		
						-ALL	U		GRD	E	U	N	E	P	& N	C				M	S
ASTR	419	EXOPLANETS Exoplanets	SPR/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	Y	.	.	.	.	.		
						LAST UPDT: 1/23/14		APPROVED: 1/21/14													
ASTR	421	STELLAR OBSN THEORY Stellar Observations and Theory	WIN/2006 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	Y	.	.	.	.	.		
						LAST UPDT: 3/09/05		APPROVED: 6/01/85													
						COMMENT:EMAIL PREREQ CHANGE															
ASTR	423	HIGH ENERGY ASTROPH High-Energy Astrophysics	SPR/1987 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	Y	.	.	.	.	.		
						LAST UPDT: 3/11/94		APPROVED: 6/01/85													
ASTR	425	COSMOLOGY Cosmology	WIN/2007 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	Y	.		
						LAST UPDT:10/26/06		APPROVED:10/25/06													
ASTR	427	COMPUTATIONAL ASTRO 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 Introduction to Astronomical Data Analysis	AUT/2013 -	AUT/9999	5.0	.	.	.	.	Y	.	.	.	Y	.	.	.	.	.		
						LAST UPDT: 7/18/13		APPROVED: 1/24/96													
						COMMENT:CHG FEE															
						FEE TYPE:1		\$40.00		BUDGET:069398		REV		OBJ		CD:943081					
ASTR	481	ASTRO OBSERVATION Introduction to Astronomical Observation	SUM/2008 -	AUT/9999	5.0	.	.	.	.	Y	.	.	.	Y	.	.	.	.	.		
						LAST UPDT: 8/14/12		APPROVED: 1/24/96													
						COMMENT:EMAIL PREQ CHG															
						FEE TYPE:1		\$20.00		BUDGET:069398		REV		OBJ		CD:943081					
ASTR	482	SCIENTIFIC WRITING Writing Scientific Papers	SPR/2012 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT:12/07/11		APPROVED: 6/13/06													
						COMMENT:EMAIL PREQ CHG															
ASTR	497	TOPICS IN ASTRONOMY Topics in Current Astronomy	WIN/2006 -	AUT/9999	1.0-03.0	9.0	.	.	.	.	.	.	.	Y	.	.	.	.	.		
						LAST UPDT: 9/01/05		APPROVED:11/01/75													
						COMMENT:EMAIL PREREQ CHANGE															
ASTR	498	INDEPENDENT STUDY Independent Study	AUT/2010 -	AUT/9999	1.0-03.0	15.0	.	CR/NC	.	.	.	.	.	Y	.	.	.	.	.		
						LAST UPDT: 2/17/10		APPROVED: 2/16/10													

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
ASTR 499	UNDERGRAD RESEARCH Undergraduate Research	SPR/1976 - AUT/9999	0.0	15.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 4/11/94																	
ASTR 500	ASTRONOMY INSTRUCTN Practical Methods for Teaching Astronomy	WIN/2007 - AUT/9999	1.0-03.0	5.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 6/21/06 APPROVED:11/01/77																	
COMMENT:CHG TITLES, CRS																	
ASTR 507	ASTROPHYSICS I Physical Foundations of Astrophysics I	SPR/1977 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00 APPROVED:11/01/69																	
ASTR 508	ASTROPHYSICS II Physical Foundations of Astrophysics II	AUT/1977 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00 APPROVED:11/01/69																	
ASTR 509	ASTROPHYSICS III Physical Foundations of Astrophysics III	AUT/1993 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 2/23/93 APPROVED: 2/22/93																	
ASTR 510	NUCLEAR ASTROPHYSIC Nuclear Astrophysics	AUT/1998 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	PHYS 554	PHYS 554	.	.
LAST UPDT: 2/27/98 APPROVED: 2/25/98																	
ASTR 511	GALACTIC STRUCTURE Galactic Structure	AUT/1976 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00																	
ASTR 512	EXTRAGALACTIC ASTRN Extragalactic Astronomy	AUT/1968 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00																	
ASTR 513	COSMOL/PART ASTRPHY Cosmology and Particle Astrophysics	SPR/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 5/19/08																	
COMMENT:DROP JOINT STATUS																	
ASTR 519	RADIATIVE PROCESSES Radiative Processes in Astrophysics	AUT/2005 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 3/31/05 APPROVED: 3/29/05																	

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				-ALL	U		GRD	E	U		N	E	P & N	C			
ASTR 521	STELLAR ATMOSPHERES Stellar Atmospheres	WIN/1978 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00																	
ASTR 531	STELLAR INTERIORS Stellar Interiors	AUT/1977 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00 APPROVED: 2/01/81																	
ASTR 532	STELLAR EVOLUTION Stellar Evolution	WIN/1978 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00																	
ASTR 541	INTERSTELLAR MATTER Interstellar Matter	AUT/1976 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00																	
ASTR 555	PLANET ATMOS Planetary Atmospheres	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	ASTR 555 ATM S 555	.	.	.
LAST UPDT: 8/12/09 APPROVED: 9/01/77																	
COMMENT:CHG JOINT STATUS																	
ASTR 557	SOLAR SYSTEM ORIGIN Origin of the Solar System	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	ASTR 557	.	.	.
LAST UPDT: 8/12/09 APPROVED: 9/01/77																	
COMMENT:CHG JT STATUS																	
ASTR 561	HIGH ENRGY ASTROPHY High Energy Astrophysics	SPR/1968 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00																	
ASTR 575	ASTRON SEMINAR Seminar in Astronomy	SPR/1978 - AUT/9999	1.0-02.0	20.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 7/17/06																	
ASTR 576	ASTRON COLLOQUIUM Astronomy Colloquium	SPR/1978 - AUT/9999	1.0	20.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 7/17/06																	
ASTR 581	TECH OPTICAL ASTRON Techniques in Optical Astronomy	SUM/1977 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
LAST UPDT: 8/14/12 APPROVED:12/01/86																	
FEE TYPE:1 \$10.00 BUDGET:069398 REV OBJ CD:943081																	

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				-ALL	U		GRD	E	U		N	E	P			
ASTR 582	TECH RADIO ASTRON TECHNIQUES IN RADIO ASTRONOMY	WIN/1979 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 0/00/00		APPROVED: 11/01/75										
ASTR 597	TOPICS OBS ASTROPHY Topics in Observational Astrophysics	AUT/2001 - AUT/9999	1.0-05.0	20.0	Y	.	.	.	.	.	.	.	.	.	.	.
	COMMENT: DROP CR/NC ONLY			LAST UPDT: 10/04/01		APPROVED: 11/01/77										
ASTR 598	TPCS THEOR ASTRPHYS Topics in Theoretical Astrophysics	SPR/2002 - AUT/9999	1.0-05.0	20.0	Y	.	.	.	.	.	.	.	.	.	.	.
	COMMENT: DROP CR/NC ONLY			LAST UPDT: 11/28/01		APPROVED: 11/01/77										
ASTR 599	ASTRONOMY SEMINAR Advanced Astronomy Seminar	AUT/1996 - AUT/9999	1.0-03.0	6.0	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/16/96		APPROVED: 11/29/95										
ASTR 600	INDEPN DNT STDY/RSCH Independent Study or Research	SUM/1969 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10												
ASTR 700	MASTERS THESIS Master's Thesis	SUM/1970 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10		APPROVED: 1/01/70										
ASTR 800	DOCTORAL DISSERTATN Doctoral Dissertation	AUT/1970 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10		APPROVED: 1/01/70										