

DATE: 07-02-2018  
 TIME: 20:10:32

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 K  
 PAGE: 230

COLLEGE : C - Arts & Sciences  
 DEPARTMENT: ASTRONOMY

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
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															
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															
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	109	MEASURING UNIVERSE Measuring the Universe	SPR/2018	- AUT/9999	3.0	.	.	.	.	.	.	.	Y	Y	.	.	.	.	.		
						LAST UPDT: 3/21/18 APPROVED: 2/20/18															
ASTR	115	INTRO ASTROBIOLOGY Astrobiology: Life in the Universe	SPR/2010	- AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.		
						LAST UPDT: 2/10/10 APPROVED: 2/27/04													ASTBIO115 ASTBIO115		
																			ESS 115		
																			OCEAN 115		
																			BIOL 114		
ASTR	150	THE PLANETS The Planets	SPR/2016	- AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	.		
						LAST UPDT:10/25/17 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															

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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 M S N	A S W T P R G						
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											
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											
				COMMENT: ADD FEE		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	WIN/2017 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	Y	.	.	.	
				LAST UPDT: 4/17/17		APPROVED: 6/13/06											
				COMMENT: EMAIL PREQ CHG		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											

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						-ALL	U		GRD	E	U	N	E	P	&	N			
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											
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													

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						-ALL	U		GRD	E	U	N	E	P	&	N				C	M	S
MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G			I					
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										
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																

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						-ALL	U	GRD	E	U	N	E	P	&	N	C				M	S
ASTR	519	RADIATIVE PROCESSES Radiative Processes in Astrophysics	AUT/2005 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 3/31/05			APPROVED: 3/29/05												
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	.	.	.	.	.	.	.	.	.	.	.	.	.			
						LAST UPDT: 8/12/09			APPROVED: 9/01/77			ASTR 555 ATM S 555				ESS 581					
						COMMENT:CHG JOINT STATUS															
ASTR	557	SOLAR SYSTEM ORIGIN Origin of the Solar System	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.			
						LAST UPDT: 8/12/09			APPROVED: 9/01/77			ASTR 557				ESS 583					
						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															

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				-ALL	U		GRD	E	U	N	E	P	& N	C			
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													
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	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/04/01 APPROVED:11/01/77													
				COMMENT:DROP CR/NC ONLY													
ASTR 598	TPCS THEOR ASTRPHYS Topics in Theoretical Astrophysics	SPR/2002 - AUT/9999	1.0-05.0	20.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/28/01 APPROVED:11/01/77													
				COMMENT:DROP CR/NC ONLY													
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													