

DATE: 07-03-2017  
 TIME: 20:10:32

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 K  
 PAGE: 220

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	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		.
						COMMENT:MOVE JT COLLEGE														
																		ESS 115		.
																		OCEAN 115		.
																		BIOL 114		.
ASTR	150	THE PLANETS The Planets	WIN/2016	- SPR/2018	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	.	.
						LAST UPDT: 9/17/15 APPROVED: 2/03/75														
						FEE TYPE:1 \$15.00 BUDGET:069398 REV OBJ CD:943081														
ASTR	150	THE PLANETS The Planets	SUM/2018	- AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	.	.
						LAST UPDT: 9/17/15 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														
						COMMENT:CHG CREDITS														
						FEE TYPE:1 \$20.00 BUDGET:069398 REV OBJ CD:943081														

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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	.	.	.	.	
				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
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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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
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	.	.	.	.	.	.	.	.	.	.	.	.	.	ASTR 555	ATM S 555		
	COMMENT:CHG JOINT STATUS			LAST UPDT: 8/12/09		APPROVED: 9/01/77												ESS	581	
ASTR 557	SOLAR SYSTEM ORIGIN Origin of the Solar System	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	ASTR 557			
	COMMENT:CHG JT STATUS			LAST UPDT: 8/12/09		APPROVED: 9/01/77												ESS	583	
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													