

DATE: 10-09-2017
TIME: 20:10:32

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 217

COLLEGE : C - Arts & Sciences
DEPARTMENT: ASTRONOMY

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R S N G	RESPONS COURSE	JOINT COURSES	O M I T
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		ASTBI0115	ASTBI0115	.
					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	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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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 MAX	U P	GRD SYS	E D	HYPH	U M	N R	E E	P A	& S				N W	C T	M P	S R	G		
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									
						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									
						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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COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U	D E	S H F U N E	P & N C M S N	A S W T P R G	RESPONS COURSE	JOINT COURSES	M I T	
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	.	. . .					.	
COMMENT:CHG TITLES, CRS				LAST UPDT: 6/21/06		APPROVED:11/01/77						
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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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	.
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	.	.	.	.	.	.	.	.
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						-ALL	U										
						MAX	P	SYS	D	M R E	A S W	T P R	G		COURSE	COURSES	I
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																	