

DATE: 04-15-2019
TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 225

COLLEGE : C - Arts & Sciences
DEPARTMENT: ASTRONOMY

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E 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 Q 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 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		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	SPR/2016 -	SPR/2019	5.0	.	.	.	. . Y	.	. . Y	. . Y .			.
					LAST UPDT: 7/26/18 APPROVED: 2/03/75 FEE TYPE:1 \$15.00 BUDGET:069398 REV OBJ CD:943081									
ASTR 150	THE PLANETS The Planets	SUM/2019 -	AUT/9999	5.0	.	.	.	. . Y	.	. . Y	. . Y .			.
					LAST UPDT: 3/21/19 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									

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E 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 Q S N	RESPONS COURSE	JOINT COURSES	O M I T
ASTR 192	SEM PRE ASTR MAJORS Pre-Major in Astronomy Research Seminar	AUT/2012 -	AUT/9999	3.0-05.0	.	.	.	. . Y	. . Y		.			.
COMMENT:CHG CREDITS					LAST UPDT: 9/05/12 APPROVED: 4/25/07 FEE TYPE:1 \$20.00 BUDGET:069398 REV OBJ CD:943081									
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	.			.
COMMENT:ADD FEE					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	WIN/2017 -	AUT/9999	3.0	.	.	.	. . Y		. . Y	.			.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 4/17/17 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 302	PYTHON FOR ASTRONOMY Python for Astronomy	WIN/2019 -	AUT/9999	3.0	.	.	.	. . .	. . Y	. . Y	.			.
					LAST UPDT: 9/19/18 APPROVED: 9/18/18									
ASTR 313	SCI&CIV-PHYS&ASTPHY Science in Civilization: Physics and Astrophysics Since 1850	AUT/2014 -	AUT/9999	5.0	.	.	.	. . .	. Y Y			HSTCMP313	HSTCMP313	.
COMMENT:CHG JT STATUS					LAST UPDT: 3/21/14 APPROVED:12/09/92									
ASTR 321	SOLAR SYSTEM The Solar System	AUT/1979 -	AUT/9999	3.0	.	.	.	. . .	. . Y		.			.
					LAST UPDT: 3/09/94 APPROVED: 2/01/79									

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ASTR 322	CONTENT OF GALAXY The Contents of Our Galaxy	WIN/2013 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT:10/23/12 APPROVED: 2/01/79									
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														
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	.	.	.	.
COMMENT:EMAIL PREREQ CHANGE					LAST UPDT: 3/09/05 APPROVED: 6/01/85									
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	.	.	.	.
COMMENT:CHG FEE					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	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 8/14/12 APPROVED: 1/24/96									
FEE TYPE:1 \$20.00 BUDGET:069398 REV OBJ CD:943081														

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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									
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									

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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														
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 558	EXOPLANETS Exoplanets	WIN/2021 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
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						-ALL	U											
						MAX	P	SYS	D	M R E	A S W	T	P	R	G	COURSE	COURSES	I
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																		
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	.	.	.	.	.	.			.
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COURSE		EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D	GRD	D	S	H	F	V	E	E	W	RESPONS	JOINT	O	
CURRIC	NUM				TITLE	-ALL		U	E	HYPH	U	N	E	L	I				L
					MAX	P	SYS	D	M	R	E	A	S	W	T	P	R	G	I

ASTR	800	DOCTORAL DISSERTATN	AUT/1970 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.	
		Doctoral Dissertation																	

LAST UPDT: 4/19/10 APPROVED: 1/01/70