



# JAMES MADISON HIGH SCHOOL

## COURSE SELECTIONS AVAILABLE FOR 10<sup>th</sup> - 12<sup>TH</sup> GRADE

### 2016-2017



CORE COURSES SEQUENCE	Gr	ENGLISH	SOCIAL STUDIES	SCIENCE	MATH
	9th	English I	World Geography	Biology I	Algebra I
English I Pre-AP		World Geography Pre-AP	Biology I Pre-AP	Geometry	
English I G/T		World History	IPC	Geometry Pre-AP	
10th	English II	World Geography	Chemistry I	Geometry	
	English II Pre-AP	World Geography Pre-AP	Chemistry I Pre-AP	Geometry Pre-AP	
	English II G/T	World History	IPC	Geometry G/T	
		World History Pre-AP	Biology I Pre-AP	Math Models	
		AP World History (Can't take after taking World History Pre-AP)		Algebra II	
		AP Human Geography (Can't take after taking World Geography Pre-AP)		Algebra II Pre-AP	
				Algebra II G/T	
11th	English III	US (History) Studies	Chemistry I	Algebra II	
	AP English III	AP US History	Chemistry I Pre-AP	Algebra II Pre-AP	
	AP English III G/T		Physics I	Pre-Calculus	
			Physics I Pre-AP	Pre-Calculus Pre-AP	
			AP Physics 1	Statistics	
			AP Chemistry	AP Statistics	
			AP Biology	AP Calculus AB	
			AP Environmental Science	AP Calculus BC	
				Math Models	
				College Algebra	
12th	English IV	Economics/Government	Physics I	Algebra II	
	AP English IV Literature	AP Eco/AP Gov.	Physics I Pre-AP	Algebra II Pre-AP	
	AP English IV Literature G/T		AP Physics 1	Pre-Calculus	
			AP Physics 2	Pre-Calculus Pre-AP	
			AP Physics C	Statistics	
			AP Chemistry	AP Statistics	
			AP Biology	AP Calculus AB	
			AP Environmental Science	AP Calculus BC	
			Forensic Science	College Algebra	
			Astronomy	Advanced Quantitative Reasoning	
			Earth & Space		
		Anatomy & Physiology			
		Med. Microbiology/Pathophysiology			

\*Please refer to the AP Course Agreement for this advanced class  
 •Summer Reading Assignment

+Teacher Recommendation Required  
 # Application Required: See counselor.

**FINAL SCHEDULE CHANGES MAY BE MADE PRIOR TO JUNE 2nd ONLY. NO CHANGES ACCEPTED AFTER THIS DATE.**

ENGLISH				
+	1021	ESOL I (1 <sup>st</sup> year)	10	1
+	1022	ESOL II	10	1
	1213	English II	10	1
*	1214	English II Pre-AP	10	1
+	1215	English II G/T	10	1
	1313	English III	11	1
*	1314	AP English III	11	1
+	1315	AP English III G/T	11	1
	1413	English IV	12	1
*	1501	AP English IV Literature	12	1
+	1502	AP English IV Literature G/T	12	1
	1634	Creative Writing	10-12	.5
JOURNALISM				
	1703	Journalism I	10-12	1
+	1743	Adv. Digital Journalism I	10-12	1
+	1744	Adv. Digital Journalism II	11-12	1
+	1745	Adv. Digital Journalism III	12	1
+	1746	Yearbook Prod I	10-12	1
+	1747	Yearbook Prod II	11-12	1
+	1748	Yearbook Prod III	12	1
+	1753	Indep. Study in Journalism	12	1
AVID				
##	1031	AVID II	10	1
##	1032	AVID III	11	1
##	1033	AVID IV	12	1
MATHEMATICS				
	2413	Geometry	10	1
*	2414	Geometry Pre-AP	10	1
	2323	Algebra II	11	1
*	2324	Algebra II Pre-AP	10-11	1
+	2325	Algebra II GT	10	1
+	2330	Ind. Studies College Algebra	11-12	1
	2715	Pre-Calculus	11-12	1
*	2719	Pre-Calculus Pre-AP	10-12	1
*	2734	AP Calculus AB	11-12	1
*	2735	AP Calculus BC	12	1
	2605	Statistics	10-12	1
*	2947	AP Statistics	11-12	1
	2957	Math Models	10-12	1
	2610	Adv. Quantitative Reasoning	11-12	1
	2300	Math Transitions	11-12	1
	2606	Algebraic Reasoning	10-11	1
SCIENCE				
	3123	Integrated Physics & Chem.	10	1
	3223	Biology I	10	1
*	3233	Biology Pre-AP	10	1
*	3243	AP Biology	11-12	1
	3323	Chemistry I	10-12	1
*	3333	Chemistry I Pre-AP	10-12	1
*	3343	AP Chemistry	11-12	1

	3423	Physics	10-12	1
*	3433	Physics Pre-AP	10-12	1
*	3444	AP Physics (Algebra Base)	11-12	1
*	3445	AP Physics 2 (Algebra)	11-12	1
*	3443	AP Physics C (Mechanics)	12	1
	3656	Environmental Systems	11-12	1
	8258	Engineering Design	11-12	1
*	3743	AP Environmental Science	11-12	1
	3251	Med. Microbiology (Must take w/3252)	11-12	.5
	3252	Pathophysiology (Must take w/3251)	11-12	.5
	3330	Earth and Space Science	11-12	1
	3253	Anatomy & Physiology	11-12	1
	8414	Forensic Science	11-12	1
SOCIAL STUDIES				
	4120	World Geography	10-12	1
*	4121	World Geography Pre-AP	10-12	1
	4213	World History	10-12	1
*	4214	World History Pre-AP	10-12	1
*	4215	AP World History	10-12	1
	4113	US (History) Studies	11	1
*	4115	AP U.S. History	11	1
	4346	U.S. Government	12	.5
*	4350	AP U.S. Government	12	.5
	4822	Economics	12	.5
*	4811	AP Macro Economics	12	.5
*	4123	AP Human Geography	10-12	1
*	4829	AP Psychology	11-12	.5
*	4221	AP European History	11-12	1
	4830	Psychology	11-12	.5
	4831	Sociology	11-12	.5
	4856/4857	US Military History	11-12	1
	4837	Special Topics Philosophy	11-12	.5
	4826	AP Comparative Gov't	11-12	.5
FOREIGN LANGUAGE				
	5013	French I	10-12	1
	5023	French II	10-12	1
*	5024	French II Pre-AP	10-12	1
	5033	French III	11-12	1
*	5034	French III Pre-AP	11-12	1
*	5045	AP French Language	11-12	1
	5113	German I	10-12	1
	5123	German II	10-12	1
*	5124	German II Pre-AP	10-12	1
	5133	German III	11-12	1
*	5134	German III Pre-AP	11-12	1
*	5144	German IV Pre-AP	11-12	1
	5213	Latin I	10-12	1
	5223	Latin II	10-12	1
	5224	Latin II Pre-AP	10-12	1
	5233	Latin III	11-12	1

*	5234	Latin III Pre-AP	11-12	1
*	5244	Latin IV Pre-AP	11-12	1
	5313	Spanish I	10-12	1
#	5315	Span II Native Pre-AP	10-12	2
	5323	Spanish II	10-12	1
*	5324	Spanish II Pre-AP	10-12	1
#	5332	Span III Native Pre-AP	10-12	1
	5333	Spanish III	10-12	1
*	5334	Spanish III Pre-AP	10-12	1
	5343	Spanish IV	11-12	1
*	5344	Spanish IV Pre-AP	11-12	1
*	5345	AP Spanish Language	11-12	1
*	5346	AP Spanish Literature	11-12	1
	5413	Japanese I	10-12	1
	5423	Japanese II	10-12	1
*	5424	Japanese II Pre-AP	10-12	1
	5433	Japanese III	11-12	1
*	5434	Japanese III Pre-AP	11-12	1
*	5444	AP Japanese Language	11-12	1
	5451	American Sign Language I	10-12	1
	5452	American Sign Language II	10-12	1
	5453	American Sign Language III	11-12	1
	5454	American Sign Language IV	12	1
FINE ARTS				
*	5499	AP Art History	11-12	1
	5449	AP Student Art 3D Design	11-12	1
*	5501	AP Studio Art 2D Design	11-12	1
*	5502	AP Studio Art Drawing	11-12	1
	5511	Art I	10-12	1
*	5512	Art I Pre-AP	10-12	1
	5521	Drawing II	10-12	1
	5531	Drawing III	11-12	1
	5541	Drawing IV	12	1
	5526	Jewelry II	10-12	1
	5527	Jewelry III	11-12	1
	5523	Sculpture II	10-12	1
	5533	Sculpture III	11-12	1
	5543	Sculpture IV	12	1
	5525	Painting II	10-12	1
	5535	Painting III	11-12	1
	5545	Painting IV	12	1
THEATRE ARTS				
	5900	Theatre Arts I	10-12	1
+	5905	Theatre Arts II	10-12	1
+	5906	Theatre Arts III	11-12	1
+	5907	Theatre Arts IV	12	1
+	5910	Theatre Production I	10-12	1
+	5920	Technical Theatre I	10-12	1
+	5925	Technical Theatre II	10-12	1
+	5930	Technical Theatre III	11-12	1
+	5931	Technical Theatre IV	12	1

