

PVCC CURRICULUM SHEET 2019-2020
Physical and Natural Sciences – Associate of Science (880)



Pathway to JMU: Biology – Bachelor of Science

Student Name: _____ Student ID Number: _____

<i>JMU EQUIVALENT</i>	REQUIRED COURSES	COURSE DESCRIPTION	CR.	PLAN TO TAKE	GRADE
<i>(no credit)</i>	SDV 100	College Success Skills	1		
<i>WRTC 100</i>	ENG 111	College Composition I	3		
<i>WRTC 103</i>	ENG 112	College Composition II	3		
<i>HIST xxx</i>	HIS ____	HIS 101 – 122 History Elective	3		
<i>HIST xxx</i>	HIS ____	HIS 101 – 122 History Elective	3		
<i>UNST 001</i>	ITE 119	Information Literacy	3		
<i>MATH 135, 000</i>	MTH 167	Precalculus with Trigonometry	5		
<i>MATH 235</i>	MTH 263	Calculus I	4		
<i>BIO 140</i>	BIO 101	College Biology I	4		
<i>BIO 150</i>	BIO 102	College Biology II	4		
<i>CHEM 131, 131L</i>	CHM 111	College Chemistry I	4		
<i>CHEM 132, 132L</i>	CHM 112	College Chemistry II	4		
<i>BIO 240</i>	BIO 256-WI	Genetics	4	Fall	
<i>PHYS 140, 140L</i>	PHY 201	College Physics I	4	Fall	
<i>PHYS 150, 150L</i>	PHY 202	College Physics II	4	Spring	
<i>BIO 000</i>	BIO 299	Supervised Study	2	Spring	
<i>(varies)</i>	____	Humanities Elective ¹	3		
<i>(varies)</i>	____	Humanities Elective ¹	3		
<i>(varies)</i>	____	Social Science Elective ¹	3		

Total Minimum Credits to Complete the A.S. Degree = 64

Graduation Requirements: 1. To graduate, all students in associate degree programs are required to take one Writing Intensive Course (prerequisite: ENG 111 and ENG 112). Approved Writing Intensive Courses are specified with a “**WI**” section designation.
 2. Earned a cumulative grade point average of at least 2.0 and in good standing.

¹List of courses that fulfill the requirement for Humanities and Social Science Electives can be found on the back of this sheet.

Advising Notes:

- For information about the guaranteed admission agreement, visit www.pvcc.edu/transfer/gaa/jmu.
- Students may choose to complete either a B.A. or B.S. degree in biology. The B.A. degree requirements are a philosophy class and intermediate proficiency in a foreign language.
- Students who transfer in with an approved associate degree are considered to have met all JMU’s general education requirements. However, due to the course sequencing and the rigor of the Biology curriculum, students with associate degrees should be prepared to spend up to 3 years at JMU to complete their degree.
- PSY 230 is the recommended Social Science Elective for students seeking high school teaching licensure.

Recommended Course Sequence:

Fall 1 – 17 credits	Spring 1 – 15 credits	Fall 2 – 17 credits	Spring 2 – 15 credits
(3 cr.) ENG 111 (4 cr.) BIO 101 (4 cr.) CHM 111 (5 cr.) MTH 167 (1 cr.) SDV 100	(3 cr.) ENG 112 (4 cr.) BIO 102 (4 cr.) CHM 112 (4 cr.) MTH 263	(4 cr.) PHY 201 (4 cr.) BIO 256/ WI (3 cr.) HIS 101-122 (3 cr.) Humanities Elective (3 cr.) ITE 119	(4 cr.) PHY 202 (2 cr.) BIO 299 (3 cr.) HIS 101-122 (3 cr.) Humanities Elective (3 cr.) Social Science Elective

Humanities Electives

Art History	ART 100, ART 101, ART 102, ART 109
Visual Arts	ART 121, ART 122, ART 125, ART 131, ART 132, ART 138, ART 153, ART 154, ART 231, ART 232, ART 235, ART 236, ART 241, ART 242, ART 271, ART 272
Comm. Studies	CST 131, CST 132, CST 141, CST 229, CST 250
Creative Writing	ENG 211
Literature	ENG 241, ENG 242, ENG 243, ENG 244, ENG 246, ENG 250, ENG 251, ENG 252, ENG 253, ENG 254, ENG 255
Humanities	HUM 201, HUM 202, HUM 259
Music Appreciation	MUS 121, MUS 122, MUS 225
Philosophy	PHI 100, PHI 220, PHI 227
Religion	REL 200, REL 210, REL 215, REL 216, REL 230, REL 233, REL 237
Foreign Languages	FRE, GER, JPN, LAT, SPA 101, 102, 201, 202

*Note: Only *one* -100 level foreign language may count toward the Humanities Electives.*

Social Science Electives

Economics	ECO 201, ECO 202
Geography	GEO 210
History	HIS 101, HIS 102, HIS 111, HIS 112, HIS 121, HIS 122, HIS 127, HIS 141, HIS 142
Political Science	PLS 135, PLS 211, PLS 212, PLS 215, PLS 216, PLS 225, PLS 241, PLS 242
Psychology	PSY 200, PSY 215, PSY 230, PSY 235, PSY 270
Sociology	SOC 200, SOC 210, SOC 215, SOC 252, SOC 266, SOC 268

NOTES:

- **Students transferring credits TO PVCC:** Transferred courses may fulfill a requirement under PVCC's approved electives (above). Students may check their transfer credit report in SIS.
 - Transfer credits for ***EEE may fulfill Social Science or Humanities Elective only.
- Students may petition the appropriate dean to substitute a course not listed above.
- **Note to students transferring credits FROM PVCC TO FOUR-YEAR INSTITUTIONS:** Although a course fulfills a requirement for a PVCC program, it is possible the same course will not fulfill a requirement at a four-year institution. Students who plan to transfer need to be aware of the four-year institution's requirements.