

PROGRAM PATHWAYS – MARION SENIOR HIGH SCHOOL (SCIENCE DEGREE)

Attachment 5

The following articulates a pathway¹ for a qualifying student² within Marion Senior High School to complete the Wytheville Community College Associate of Arts and Sciences (AA&S) Degree with a major in Science³ concurrent with high school graduation:

Course	Term Scheduled	Location	Delivery method	Credits	Faculty Provided by	Fulfill H.S. Requirement	H.S. Course Name
ITE 152	Summer (prior to 11 th)	WCC	Online	3	WCC	No	Intro to Digital and Information Literacy and Computer Applications
SDV 100	Summer (prior to 11 th)	WCC	Online	1	WCC	No	College Success Skills
CHM 111	Fall (11 th)	MSHS	Online	4	ALHGS	Varies	DE General Chemistry I
ENG 111	Fall (11 th)	MSHS	Traditional	3	SCPS	Yes	DE College Composition I
HIS 121	Fall (11 th)	MSHS	Traditional	3	SCPS	Yes	DE U.S. History I
MTH 161	Fall (11 th)	MSHS	Traditional	3	SCPS	Yes	DE Pre-Calculus I
CHM 112	Spring (11 th)	MSHS	Online	4	ALHGS	Varies	DE General Chemistry I
ENG 112	Spring (11 th)	MSHS	Traditional	3	SCPS	Yes	DE College Composition II
Transfer Elective^T	Spring (11 th)	MSHS	Traditional	3	SCPS	Yes	DE U.S. History Since 1865
MTH 162	Spring (11 th)	MSHS	Traditional	3	SCPS	Yes	DE Pre-Calculus II
CST 100	Summer (prior to 12 th)	WCC	Online or Hybrid	3	WCC	No	Principles of Public Speaking
NAS 150	Summer (prior to 12 th)	WCC	Online	3	WCC	No	Human Biology
BIO 101	Fall (12 th)	MSHS	Online	4	ALHGS	Yes	DE General Biology I
ENG 245	Fall (12 th)	MSHS	Traditional	3	SCPS	Varies	DE British Literature
MTH 245	Fall (12 th)	MSHS	Traditional	3	SCPS	Varies	DE Statistics I

¹Any modifications to the above pathway will be outlined in writing and agreed upon by the College and school division. Any modifications will not prevent students from obtaining the plan's intended credential.

²In order to participate in the above pathway, a student must meet all dual enrollment admission requirements and College program requirements and complete VCCS placement tests. In order to enroll in any of the courses noted in the pathway, all course pre-requisites must be met.

³Program information including purpose, occupational objectives, admission requirements, notes, computer competency requirements, and course requirements may be found in the College catalog found at <https://catalog.wcc.vccs.edu/>.

MTH 261	Fall (12 th)	MSHS	Traditional	3	SCPS	Varies	DE Applied Calculus I
ART 101^H	Spring (12 th)	MSHS	Online	3	WCC	No	History of Art: Prehistoric to Gothic
BIO 102	Spring (12 th)	MSHS	Online	4	ALHGS	Yes	DE General Biology II
Social Science Elective^S	Spring (12 th)	MSHS	Online	3	WCC	Yes	DE Principles of Sociology
Social Science Elective^S	Spring (12 th)	MSHS	Online	3	WCC	Yes	DE Principles of Psychology

Notes:

The Science degree is 62 credits.

^H Humanities electives include ART 101 (recommended), CST 151, HUM 201, PHI 100, PHI 220, and REL 230.

^S Social Science electives include ECO 201, ECO 202, GEO 210, GEO 220, PLS 135 (recommended), PSY 200 (recommended), and SOC 200 (recommended).

^T Transfer electives can include any one of 85 courses (HIS 122 recommended).

Wytheville Community College will accept credits earned at other VCCS colleges and A. Linwood Holton Governor's School (ALHGS). In addition, WCC will also accept and apply credit hours as appropriate for students who attain Advanced Placement (AP) scores of 3 or higher, International Baccalaureate (IB) scores of 5 or higher, or Cambridge Advanced Scores (A/AS) scores of C or higher. For more information about advanced standing credits, refer to *VCCS Policy 5.6.5.1*.

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