

## **Springboard to Collegiate Success: Accelerated High School to College Curriculum**

Salisbury University, AY2024-2025

The gap between the number of young people completing a four-year college degree and the need on the Delmarva Peninsula generated by our 21<sup>st</sup> century economy continues to widen. Conversations with many local employers suggest that our production of college graduates is not keeping up with demand. There are several reasons students who have the interest and aptitude do not complete degrees but two are particularly salient. 1) Much of a collegiate curriculum is highly structured and hierarchical – any missed step will often cause a delay that makes it impossible to graduate on time, and therefore with a minimum amount of debt; 2) the first year of college is particularly fraught because so many rigorous, challenging topics are being covered all at the same time. Even for gifted high school students, this schedule, plus the challenge of living away from home for the first time, often results in delayed graduation or not completing college at all.

Now, students have an opportunity to make much more productive use of their junior and senior years of high school. Salisbury University has launched an early college program titled “Springboard for Collegiate Success” that encourages Wicomico County high school students to leverage their final two years of high school with a formal college curriculum. If successful, students will either be able to complete their University programs early or, more likely, spread their coursework over 5 years instead of 4. This will either reduce the time and cost to earn a degree, from Salisbury University (or elsewhere, given all of the courses suggested are highly-transferable), or will reduce the intensity of the coursework schedule while in college, giving students the time to focus.

The program is crafted from a set of curriculum pathways, each leading to a broad major area. These pathways are built from the recommended courses that many individual majors in these areas have in common. While these pathways set students up for particular success at Salisbury University, they are universal enough to serve students well who intend to attend another Maryland institution or even an out-of-state college or university. The current set of pathways are:

**Arts**

**Elementary Education**

**Nursing**

**STEM Physical Science (Pre-Engineering)**

**Business**

**Humanities**

**STEM Life Science (Pre-Medicine)**

Note: for all of the following curriculum pathways, the assumption is made that students will need to take either AP English 12 or Honors English 12 at the home high school before coming to campus to take SU courses. This is because, as of this date, we have no ENGL course that articulates with Wicomico County Public Schools.

Also, these pathways recommend three courses per second semester of the senior year. Wicomico County Public Schools' dual enrollment program will cover the costs of tuition and required course materials for two courses per semester. Students will need to obtain your principal's permission to have the third course cost covered.

For questions about dual enrollment, please contact Shannon James at [smjames@salisbury.edu](mailto:smjames@salisbury.edu)



## Wicomico / SU STEM Life Science (Pre-Med) Pathway

Appropriate for majors like Biology and Environmental Science, including Secondary Education

| Course  | Timing                | College Credit | HS Grad Credit? | Notes   |
|---|-----------------------|----------------|-----------------|---|
| ENGL 103 – English Composition and Research                 | Fall of Junior Year   | 4              | Yes             | MD requires English 11 or equivalent in the junior year. AP English 11 credit                   |
| HIST 102 - World Civilizations                              | Spring of Junior Year | 4              | Yes             | AP World History credit   |
| AP English 12 or Honors English 12                          | Fall of Senior Year   | N/A            | Yes             | MD requires English 12 or equivalent for the senior year. Take during HS 1 <sup>st</sup> period |
| BIOL 202 - Intro to Biology: Evolution and Ecology          | Fall of Senior Year   | 4              | Yes             | AP Biology B credit   |
| CHEM 121 - General Chemistry I                              | Fall of Senior Year   | 4              | Yes             | AP Chemistry A credit   |
| MATH 155 - Modern Statistics with Computer Analysis         | Spring of Senior Year | 3              | Yes             | Meets required math credit for MD HS Diploma; AP Statistics credit                              |
| BIOL 201 - Intro to Biology: Molecular and Cellular Biology | Spring of Senior Year | 4              | Yes             | AP Biology A credit   |
| CHEM 122 - General Chemistry II                             | Spring of Senior Year | 4              | Yes             | Prereq: CHEM 121; AP Chemistry B credit   |

Additional suggested courses: PHYS 121 and 123, MATH 198, EDFN 210

## Wicomico / SU STEM Physical Science (Pre-Engineering) Pathway

Appropriate for majors like Chemistry, Earth Science, Mathematics, Physics, and Engineering including Secondary Education

| Course                                      | Timing                | College Credit | HS Grad Credit? | Notes   |
|---|-----------------------|----------------|-----------------|---|
| ENGL 103 – English Composition and Research | Fall of Junior Year   | 4              | Yes             | MD requires English 11 or equivalent in the junior year. AP English 11 credit                   |
| HIST 102 - World Civilizations              | Spring of Junior Year | 4              | Yes             | AP World History credit   |
| AP English 12 or Honors English 12          | Fall of Senior Year   | N/A            | Yes             | MD requires English 12 or equivalent for the senior year. Take during HS 1 <sup>st</sup> period |
| MATH 201 - Calculus I                       | Fall of Senior Year   | 4              | Yes             | Meets required math credit for MD HS Diploma; AP Calculus I credit                              |
| CHEM 121 - General Chemistry I              | Fall of Senior Year   | 4              | Yes             | AP Chemistry A credit   |
| PHYS 221 - Physics I                        | Spring of Senior Year | 4              | Yes             | AP Physics 1 credit   |
| MATH 202 - Calculus II                      | Spring of Senior Year | 4              | Yes             | Prereq: MATH 201; AP Calculus 2 credit; Taking both MATH 201 and 202 improves transferability   |
| CHEM 122 - General Chemistry II             | Spring of Senior Year | 4              | Yes             | Prereq: CHEM 121; AP Chemistry B credit   |

Additional suggested courses: PHYS 223, EDFN 210

## Wicomico / SU Arts Pathway

Appropriate for majors like Art, Art History, and Fine Arts

| Course  | Timing                | College Credit | HS Grad Credit? | Notes   |
|---|-----------------------|----------------|-----------------|---|
| ENGL 103 – English Composition and Research         | Fall of Junior Year   | 4              | Yes             | MD requires English 11 or equivalent in the junior year. AP English 11 credit                 |
| HIST 102 - World Civilizations                      | Spring of Junior Year | 4              | Yes             | AP World History credit   |
| AP English 12 or Honors English 12                  | Fall of Senior Year   | N/A            | Yes             | MD requires English 12 or equivalent for all graduates. Take during HS 1 <sup>st</sup> period |
| ART 121 – Design Principles                         | Fall of Senior Year   | 4              | No              | Arts elective   |
| BIOL 101 – Fundamentals of Biology                  | Fall of Senior Year   | 4              | Yes             | Honors Science credit   |
| MATH 155 - Modern Statistics with Computer Analysis | Spring of Senior Year | 3              | Yes             | Meets required math credit for MD HS Diploma; AP Statistics credit                            |
| ART 130 – Drawing I                                 | Spring of Senior Year | 4              | No              | Arts elective   |
| ART 201 – Introduction to Art History               | Spring of Senior Year | 4              | No              | Arts elective   |

Additional suggested courses: SPAN 102, FREN 102, PHIL 101, PSYC 101

## Wicomico / SU Nursing Pathway

Appropriate for majors like Nursing, Medical Lab Science, Health Science or Respiratory Therapy

| Course  | Timing                | College Credit | HS Grad Credit? | Notes   |
|---|-----------------------|----------------|-----------------|---|
| ENGL 103 – English Composition and Research         | Fall of Junior Year   | 4              | Yes             | MD requires English 11 or equivalent in the junior year. AP English 11 credit                 |
| HIST 102 - World Civilizations                      | Spring of Junior Year | 4              | Yes             | AP World History credit   |
| AP English 12 or Honors English 12                  | Fall of Senior Year   | N/A            | Yes             | MD requires English 12 or equivalent for all graduates. Take during HS 1 <sup>st</sup> period |
| PSYC 101 – General Psychology                       | Fall of Senior Year   | 4              | Yes             | Honors Psychology credit  |
| CHEM 121 - General Chemistry I                      | Fall of Senior Year   | 4              | Yes             | AP Chemistry A credit   |
| MATH 155 - Modern Statistics with Computer Analysis | Spring of Senior Year | 3              | Yes             | Meets required math credit for MD HS Diploma; AP Statistics credit                            |
| FTWL 106 - Lifelong Fitness and Wellness            | Spring of Senior Year | 3              | No              | Physical Education elective   |
| CHEM 122 - General Chemistry II                     | Spring of Senior Year | 4              | Yes             | Prereq: CHEM 121; AP Chemistry B credit   |

## Wicomico / SU Humanities Pathway

Appropriate for majors like Communication, Conflict Analysis & Dispute Resolution, English, Environmental Studies, History, Philosophy, Political Science, Psychology, or Sociology, including Secondary Education

| Course  | Timing                | College Credit | HS Grad Credit? | Notes   |
|---|-----------------------|----------------|-----------------|---|
| ENGL 103 – English Composition and Research         | Fall of Junior Year   | 4              | Yes             | MD requires English 11 or equivalent in the junior year. AP English 11 credit                 |
| HIST 102 - World Civilizations                      | Spring of Junior Year | 4              | Yes             | AP World History credit   |
| AP English 12 or Honors English 12                  | Fall of Senior Year   | N/A            | Yes             | MD requires English 12 or equivalent for all graduates. Take during HS 1 <sup>st</sup> period |
| ART 121 – Design Principles                         | Fall of Senior Year   | 4              | No              | Arts elective   |
| BIOL 101 – Fundamentals of Biology                  | Fall of Senior Year   | 4              | Yes             | Honors Science credit   |
| MATH 155 - Modern Statistics with Computer Analysis | Spring of Senior Year | 3              | Yes             | Meets required math credit for MD HS Diploma; AP Statistics credit                            |
| PHIL 101 – Intro to Philosophy                      | Spring of Senior Year | 4              | No              | Behavioral Sciences elective  |
| PSYC 101 – General Psychology                       | Spring of Senior Year | 4              | Yes             | Honors Psychology credit  |

Additional suggested courses: SPAN 102, FREN 102, EDFN 210

## Wicomico / SU Business Pathway

Appropriate for majors like Accounting, Management, Marketing, and Information Science

| Course  | Timing                | College Credit | HS Grad Credit? | Notes   |
|---|-----------------------|----------------|-----------------|---|
| ENGL 103 – English Composition and Research         | Fall of Junior Year   | 4              | Yes             | MD requires English 11 or equivalent in the junior year. AP English 11 credit                 |
| HIST 102 - World Civilizations                      | Spring of Junior Year | 4              | Yes             | AP World History credit   |
| AP English 12 or Honors English 12                  | Fall of Senior Year   | N/A            | Yes             | MD requires English 12 or equivalent for all graduates. Take during HS 1 <sup>st</sup> period |
| ECON 211 – Principles of Microeconomics             | Fall of Senior Year   | 3              | Yes             | Consumers Economics credit  |
| ACCT 201 – Intro to Financial Accounting            | Fall of Senior Year   | 3              | No              | Business elective   |
| MATH 155 - Modern Statistics with Computer Analysis | Spring of Senior Year | 3              | Yes             | Meets required math credit for MD HS Diploma; AP Statistics credit                            |
| INFO 211 – Info Systems Concepts for Management     | Spring of Senior Year | 3              | No              | Information Systems elective  |
| ACCT 202 – Intro to Managerial Accounting           | Spring of Senior Year | 3              | No              | Prereq: ACCT 201; Business elective   |

## Wicomico / SU Elementary Education Pathway

Appropriate for majors like Early Childhood Education and Elementary Education

| Course  | Timing                | College Credit | HS Grad Credit? | Notes   |
|---|-----------------------|----------------|-----------------|---|
| ENGL 103 – English Composition and Research         | Fall of Junior Year   | 4              | Yes             | MD requires English 11 or equivalent in the junior year. AP English 11 credit                 |
| HIST 102 - World Civilizations                      | Spring of Junior Year | 4              | Yes             | AP World History credit   |
| AP English 12 or Honors English 12                  | Fall of Senior Year   | N/A            | Yes             | MD requires English 12 or equivalent for all graduates. Take during HS 1 <sup>st</sup> period |
| ART 121 – Design Principles                         | Fall of Senior Year   | 4              | No              | Arts elective   |
| BIOL 101 – Fundamentals of Biology                  | Fall of Senior Year   | 4              | Yes             | Honors Science credit   |
| MATH 155 - Modern Statistics with Computer Analysis | Spring of Senior Year | 3              | Yes             | Meets required math credit for MD HS Diploma; AP Statistics credit                            |
| PSYC 101 – General Psychology                       | Spring of Senior Year | 4              | Yes             | Honors Psychology credit  |
| PHYS 101 – Physical Science                         | Spring of Senior Year | 4              | Yes             | Honors Physical Science credit  |

Additional suggested courses: EDFN 210, ELED 201