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ASSOCIATE OF SCIENCE TO DOCTOR OF PHARMACY PATHWAY

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| **SUGGESTED SEQUENCE AT KENT STATE UNIVERSITY WITHOUT CCP CREDITS** | | | |
| **Course Subject and Title** | **Credit Hours** | **Min. Grade** | **Important Note** |
| **Semester One: Summer [3-5 Credit Hours]** | | | |
| MATH 11010 Algebra for Calculus (KMCR) or MATH 10775 Algebra for Calculus Plus (KMCR) or MATH 10675 Algebra for Calculus Boost (KMCR) | 3-5 | C | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| **Semester Two: Fall [13-15 Credit Hours]** | | | |
| UC 10001 Flashes 1011 | 1 |  |  |
| BSCI 10120 Biological Foundations (KBS, KLAB) | 4 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| CHEM 10060 General Chemistry I (KBS) \* or CHEM 11060 General Chemistry I Boost \* (KBS) or CHEM 10970 Honors General Chemistry I (KBS) \* | 4-6 | C | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| CHEM 10062 General Chemistry I Laboratory (KBS, KLAB) | 1 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| MATH 11022 Trigonometry (KMCR) \* | 3 |  |  |
| **Semester Three: Spring [15 Credit Hours]** | | | |
| BSCI 21010 Anatomy and Physiology I (KBS, KLAB) | 4 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| CHEM 10061 General Chemistry II (KBS) or CHEM 10971 Honors General Chemistry II (KBS) | 4 | C | If CHEM 10060 was taken, select 10061; If CHEM 10970 was taken, select 10971; See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| CHEM 10063 General Chemistry II Laboratory (KBS, KLAB) | 1 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| ENG 11011 College Writing (KCP1), ENG 11002 College Writing Stretch (KCP1), HONR 10197 Freshman Honors Colloquium I (KCP1) | 3 | C- |  |
| Kent Core Social Science (KSS) | 3 |  |  |
| **Semester Four: Summer [9 Credit Hours]** | | | |
| Kent Core Humanities (KHUM) | 3 |  |  |
| Kent Core Fine Arts (KFA) | 3 |  |  |
| ENG 21011 Research Writing (KCP2), HONR 10297 Freshman Honors Colloquium II (KCP2) | 3 |  |  |
| **Semester Five: Fall [15 Credit Hours]** | | | |
| CHEM 20481 Basic Organic Chemistry I | 4 | C | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| CHEM 30475 Organic Chemistry I Laboratory | 1 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| BSCI 30140 Cell Biology | 4 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| PHY 12111 Physics for Health Technologies | 3 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| Kent Core Fine Art (KFA) or Humanities (KHUM) | 3 |  |  |

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| **Semester Six: Fall [16-17 Credit Hours]** | | | |
| CHEM 20482 Basic Organic Chemistry II | 2 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| CHEM 30476 Organic Chemistry II Laboratory | 1 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| BSCI 20021 Basic Microbiology | 3 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| CHEM 30284 Introductory Biological Chemistry | 3 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| MATH 10041 Introductory Statistics (KMCR) or MATH 10040 Introductory Statistics Plus (KMCR) | 4-5 |  | See [NEOMED Pre-Professional Prerequisite Coursework](https://www.neomed.edu/pharmacy/admissions/paths/prerequisites/) |
| Kent Core Social Science (KSS) | 3 |  |  |
| **71-76 TOTAL CREDIT HOURS TO COMPLETE \*\*** | | | |

1UC 10001 is not required of transfer students with 30 credits (excluding College Credit Plus) or students age 21+ at the time of matriculation.

\*Corequisite courses

\*\* Students in the Early Assurance program must maintain a minimum grade of C- in every course and achieve a cumulative GPA of at least 3.200

Graduation Requirements

Requirements to graduate with the AS degree: To graduate, students must have a minimum of 60 credit hours and minimum 2.000 cumulative GPA. More specific graduation requirement information can be found in the Academic Policies section of the Kent State University Catalog ([www.kent.edu./catalog](http://www.kent.edu./catalog)). Course sequence may change based on the individual needs of the student and schedule type required.

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It is recommended that students intending to pursue the Associate of Science and continue into the Doctor of Pharmacy at NEOMED consult with academic advisors at both Kent State University and NEOMED.

Contact Information

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