Prerequisite Courses for University Prelicensure BSN Registered Nurse (RN) Programs in Washington State Nursing
(Based on website review) Last updated: 5.1.2026

For a complete list of Washington State Board of Nursing-approved nursing programs visit, https://nursing.wa.gov/education/nursing-education-programs/approved-nursing-education-programs, and click on "Nursing programs in Washington (PDF)".

Spreadsheet Notes

- This spreadsheet was created to be a general guide to support potential nursing students in mapping out their nursing education. It is reviewed and updated twice a year (generally in late spring and mid-fall) and may not contain the most up-to-date information. **For the most up-to-date information on each program, you must visit the program website.**
- Nursing programs have additional requirements to apply. These requirements can vary from program to program. Be sure to carefully review the application requirements for any program you want to apply to.
- Some additional requirements can include the following (this is not a complete list of all possible requirements). Visit the program website for more detailed information.
  - Completed Application to the BSN program
  - Submit an essay
  - Submit multiple reference letters
  - Admission Interview may be required
  - Proof of current immunization status: Vaccinations must be up-to-date and current.
  - A background check performed by the Washington State Patrol and with a "No Record On File" report with the Department of Social and Health Services. (All nursing students are required to complete a background check. The background check is usually completed through the nursing program you are applying to.)
  - American Heart Association CPR for the Health Care Provider. This includes adult, child, and infant, under the guidelines of the American Heart Association. Online CPR courses are not accepted.
  - Students can be required to carry personal health/medical insurance throughout their clinical rotations.
- College-level skills in English and math (eligibility for courses numbered 100 or higher) are required before registering for the the college-level nursing prerequisite courses listed on this spreadsheet. Students may need to complete additional prerequisite coursework if they do not yet qualify to register for these college level courses.

Private University Nursing Program

- Schools highlighted in purple are private universities. Course numbers and curriculum most likely vary from that of Common Course Numbering (known as CCN). They may also have additional prerequisites that include religious study. This guide does not list any required religious prerequisites for private schools. If you are considering applying to a nursing program at a private university, it is recommended that you contact the school directly and work closely with them to ensure any prerequisites you take outside of that school count as qualifying prerequisites to apply to their nursing program.

"Planning prerequisite courses can be complicated. Without all of the information or a plan, you risk wasting your time and money. After attending an information session schedule an appointment with an academic advisor to help you plan a sequence of courses for your unique circumstances. If you intend to take prerequisite courses somewhere else, check with an academic advisor about transferability."
From: https://www.whatcom.edu/academics/areas-of-study/healthcare-social-services/nursing/class-sequences

*** Where the pre-requisite is marked with an "(or)", only one class listed is required.**

School	Program Type	Website	Nursing Degree	Nursing Certificate Program	Important Information	Notes	ENGL 101	ENGL 111	ENGL 281	MATH 110	MATH 121	MATH 146	STAT 146	CMS 220 (Previous Pre-Level Science)	PSYC 100	PSYC 101	PSYC 201	SOC 101	BIOL 185	BIOL 211	BIOL 118	BIOL 119	BIOL 170	BIOL 232	BIOL 238	BIOL 241	BIOL 242	BIOL 243	BIOL 244	HPRP 201	HPRP 202	HPRP 230	CHEM 101	CHEM 110	CHEM 120	CHEM 121	CHEM 162	CHEM 163	CHEM 164	CHEM 165	CHEM 202	CHEM 203	CHEM 204	CHEM 205	MICROBIOL 201	MICROBIOL 202	NURS 100	NURS 201	NURS 215	NURS 251	NURS 301	NUTR 101	NUTR 206	Humanities 100 level or higher
	Baccalaureate Degree Registered Nurse (RN) Programs		Baccalaureate Degree in Nursing (BSN)																																																				
Eastern Washington University	Baccalaureate Degree Registered Nurse (RN) Programs	https://www.ewu.edu/chp/nursing/	Baccalaureate Degree in Nursing (BSN)	N/A	**To be eligible for admission, interested individuals must:** • Apply to EWU or be admitted to EWU for the term they are applying for. • Achieve a minimum grade of C or 2.0 GPA in any course at the time of application. • Have a 3.0 cumulative GPA or 3.0 in the last 90 quarter credits attempted at all college-level institutions. • At the time of application, have a 3.0 minimum cumulative GPA in all college-level coursework from all schools attended. • If invited, attend the interview portion of the admission process. • Complete the EWU Nursing Prerequisites and EWU Breadth Area Core Requirements (BACR) and EWU Graduation Requirements prior to entry into the program. • GPA requirements must be maintained throughout the admissions process to remain eligible. • Applicants who meet the minimum requirements are not guaranteed admission	Bachelor' of Science (BRN) The Bachelor of Science in Nursing (BSN) is completed at the Spokane campus, and is a semester-based program. Typically, freshmen enrolling at EWU will take the EWU Nursing Prerequisites and EWU Breadth Area Core Requirements (BACR) to apply for the BSN program. Students must complete all university core requirements (BACR) and nursing prerequisites, and should have no more than 15 quarter credits in progress at the time of application. Students should meet with their EWU advisor to assure all university core requirements are completed before entering the BSN Nursing. program.ewu.edu/undergraduate/nursing/bsn/#:~:text=Admission%20Requirements									X		X			X																																					X	
Heritage University	Baccalaureate Degree Registered Nurse (RN) Programs	https://www.heritage.edu/academics/college-of-health-behavioral-sciences/bachelor-of-science-in-nursing-bsn-prelicensure-program?utm_source=google&utm_medium=cpc&utm_campaign=Nursing&utm_term=heritage%20university%20nursing&utm_content=Nursing	Baccalaureate Degree in Nursing (BSN)	N/A	**Admission Requirements** • The Bachelor of Science in Nursing (BSN) program is for individuals seeking initial preparation and licensure as a Registered Nurse (RN). • Students who are in the BSN program are guaranteed a spot in the nursing program through Heritage University's admission process. Once admitted, students will be in the nursing program beginning with the fall semester of their freshman year. • Students may request the A- or B-semester option for completing a BSN degree. • During their first two years at Heritage, students need to maintain a cumulative GPA of 3.0 and achieve a C grade in all of the pre-requisite nursing courses. • Students must achieve a C+ or higher in the upper division BSN courses to continue in the nursing program. • Continuation to the upper division BSN program is contingent upon successful completion of the first two years of college coursework. • After completing the first two years, students will begin nursing major coursework and clinical experiences in a variety of community and healthcare settings. • The program also prepares students to take the National Council Licensure Examination (NCLEX) after graduation, a requirement for licensure as a registered nurse.						X (or BIOL 220)											X (= BIOL 170 Lab)																																				
Heritage University	Baccalaureate Degree Registered Nurse (RN) Programs	https://www.heritage.edu/academics/college-of-health-behavioral-sciences/bachelor-of-science-in-nursing-bsn-prelicensure-program?utm_source=google&utm_medium=cpc&utm_campaign=Nursing&utm_term=heritage%20university%20nursing&utm_content=Nursing	Baccalaureate Degree in Nursing (BSN)	N/A	**Direct high school graduates admitted to Heritage or Freshman may request placement into Pre-nursing Pathway if they achieved the following:** • Minimum 3.0 GPA in high school. • Successful completion of three high school courses: English (4 units), college prep mathematics (3 units), social sciences (2 units), lab science (2 units), foreign language (2 units), history (1 unit). • Composite ACT score of 20 or better SAT Critical Reading and Mathematics sum score of 1030 SAT or better. • Students who do not meet the requirements for direct admission to the BSN program, but have completed two years of pre-college level coursework placing students into MATH 140 and ENG 101. **Required Prerequisites - Track of the following courses must be completed with C+ or better:** BIOL 111/111L: Human Anatomy I or CHEM 110/110L (Completing at the level of MATH 96 is required prior to CHEM 101) CHEM 101/101L: ENG 101: English 101/Lab: PSYC 101: BIOL 360/360L – Anatomy BIOL 361/361L – Physiology, A also a required course for the BSN Degree. BIOL 361/361L may be completed in the prerequisite year(s) or in the fall of the sophomore year of the BSN Program if all other pre-requisites are complete. Completion of a full Anatomy & Physiology pre-health sciences series (e.g., BIOL 241 and BIOL 242 at Washington State community colleges) meets the requirements for both BIOL 360/360L and BIOL 361/361L for the BSN Degree. If transferring in an A&P series from another college, the admissions committee may still require BIOL 361/361L in the fall of the sophomore year to ensure adequate preparation for pathophysiology in spring of the sophomore year. **Nursing Courses** – Completion of these BSN courses are not required for admission, but Heritage students placed in the pre-nursing pathway have permission to take them. Any BSN courses must be completed with B- or better. NURS 320W NURS 320W	**Note:** BIOL 361/361L – Physiology, A also a required course for the BSN Degree. BIOL 361/361L may be completed in the prerequisite year(s) or in the fall of the sophomore year of the BSN Program if all other pre-requisites are complete. Completion of a full Anatomy & Physiology pre-health sciences series (e.g., BIOL 241 and BIOL 242 at Washington State community colleges) meets the requirements for both BIOL 360/360L and BIOL 361/361L for the BSN Degree. If transferring in an A&P series from another college, the admissions committee may still require BIOL 361/361L in the fall of the sophomore year to ensure adequate preparation for pathophysiology in spring of the sophomore year.	X						X																																													
Northwest University	Baccalaureate Degree Registered Nurse (RN) Programs	https://www.northwest.edu/college-nursing	Baccalaureate Degree in Nursing (BSN)	N/A	The Bachelor School of Nursing application through Nursing CAS opens in October and closes the following January for admission to the cohort that begins the next fall semester. Admission is contingent upon completing prerequisites. Students enter the nursing program in the third year. Admission Requirements: • Acceptance to Northwest University is required for application to the BSON. • Completed Nursing CAS application, including all supplemental materials. • Minimum grade of C+ is required in the following BSON pre-prerequisite courses: Survey of Organic and Biochemistry with Lab, Anatomy and Physiology I with Lab, Anatomy and Physiology II with Lab, and General Psychology. • No more than 6 prerequisite courses, including one core prerequisite course, may be pending by the application due date. Include a written plan for completing the outstanding prerequisites. • Prerequisite courses taken at Northwest University must be completed on or before the last day of the summer term. • Prerequisite courses taken at other institutions must be completed on or before the first day of the summer term. • Written self-analysis essays are required. • Qualified applicants will also be required to complete an asynchronous video interview.																																																				
Pacific Lutheran University	Baccalaureate Degree Registered Nurse (RN) Programs	https://www.plu.edu/nursing/pre-nursing-bsn-program/	Baccalaureate Degree in Nursing (BSN)	N/A	**Nursing Direct Admission for First-Year Students** The School of Nursing offers direct admission to the traditional Bachelor of Science in Nursing (BSN) program. • Students must complete the prerequisite courses, GPA, and SAT/ACT requirements, and the PLU nursing and college preparatory math and science courses (e.g. Algebra 2 and higher, chemistry, physics, earth science, biology) with a B- or better grade First-year students who are directly admitted to Nursing and meet the following academic requirements will be guaranteed a spot in the Nursing program beginning fall semester of their junior year: • Students are required to complete ALL pre-nursing coursework during their first two years at PLU • Students are required to earn a B- or better in all pre-nursing courses • These self-referred direct admission may still complete the pre-nursing coursework during their first two years at PLU, and apply to the School of Nursing during their sophomore year. **Transfer Students** Transfer PLU's Nursing Direct Admission Application is ONLY for first-year students (high school seniors). If you are a transfer student, learn more about applying to our nursing programs on the transfer application webpage: NOTE: Admission requirements for PLU's accelerated BSN program are the same as the BSN program.																																																				
Saint Martin's University	Baccalaureate Degree Registered Nurse (RN) Programs	https://www.stmartin.edu/academics/nursing-health-sciences/nursing-bachelor-science-nursing	Baccalaureate Degree in Nursing (BSN)	N/A	**EXTERNAL FOR FIRST YEAR DIRECT ADMISSION TO NURSING** • First-year seeking private Bachelor of Science in Nursing applicants must meet the general entrance requirements of the University as outlined in the university catalog and at the first-year admissions website. • Applicants seeking admission to the nursing program are required to have 4 years of high school or higher science courses, including one year of laboratory science and mathematics including college preparatory algebra, with grades of "B" (3.0) or higher. • Minimum cumulative GPA of 3.0 in high school or higher coursework. • A cumulative GPA of 3.0 or higher at the end of the second (sophomore) year at Saint Martin's. • A minimum cumulative GPA of 3.0 or higher in the prerequisite sciences taken at Saint Martin's University. • Completion of the University's Core Curriculum (CC) with a GPA of 2.0. • Students may repeat one pre-requisite science course one time if they receive a grade of lower than a B. • Satisfactory completion of all clinical entry requirements, including background clearance, drug screen and immunizations. • COVID-19 vaccination is required for all nursing students - no exemptions are permitted. **TRANSFER APPLICATION AND ADMISSION REQUIREMENTS** • Transfer student applicants to the upper division of the Bachelor of Science in Nursing program must meet the transfer admission requirements of the University as outlined in the university catalog and at the Transfer (undergrad) website • Transfer student applicants may state their preference for fall or spring entry into the upper division nursing program. • Transfer applicants may also be considered for admission into the upper division if they have completed all college level coursework. • A minimum of 2.0 GPA in all required prerequisite science courses. • Completion of all nursing prerequisite courses. Prerequisite courses may be taken at any accredited college or university. • Minimum cumulative GPA of 3.0 in all college level coursework from all college level coursework taken. • Satisfactory completion of all clinical entry requirements, including background clearance, drug screen and immunizations. • COVID-19 vaccination is required for all nursing students - no exemptions are permitted. • Transfer applications to the BSN program are due Feb. 1. Students will be notified of admission, wait list or denial for the BSN program in March.																																																				
Seattle Pacific University	Baccalaureate Degree Registered Nurse (RN) Programs	https://www.spu.edu/academics/school-of-health-sciences/undergraduate-programs/bsn-bachelor-science-nursing	Baccalaureate Degree in Nursing (BSN)	N/A	**Types of Applicants** • Students may apply to SPU through the Common Application as a nursing intended student. High School seniors may be considered for direct pre-admission when applying to Seattle Pacific University. • SPU students must be currently enrolled full time at SPU in good academic standing, and have been enrolled full time at SPU continuously for four quarters before beginning the program. • Transfer students are those who have completed college-level courses (nursing pre-requisite courses) at another educational institution, may include completed degrees such as, AA, STA, AS, and/or completed a bachelor's degree. **Becoming a strong applicant** • Get involved in your community. Volunteer, work, or leadership experience is highly recommended. Volunteer and work experience do not need to be in health care and are equally valuable. • Complete your pre-requisite courses with competitive grades. Pre-requisite courses are not required to be completed at SPU, the majority of the prerequisite courses at the time of applicators are considered more competitive • At least 4 prerequisites need to be completed at the time of application (2 must be in science). • Your professional recommendation should be from someone who can speak well to your professional capabilities. • If you are a student who is currently in a nursing assistant certificate (NAC) to apply. Having a CNA gives you the benefit of understanding some of the basic physical care that is involved in nursing. Likewise, working as a nursing assistant will give you valuable work experience. This is not required for admission to our program. • We do not require applicants to take or report scores for the TEAS Examination.																																																				
Seattle University	Baccalaureate Degree Registered Nurse (RN) Programs	https://www.seattleu.edu/nursing/	Baccalaureate Degree in Nursing (BSN)	N/A	**Application and Credit Requirements** • The Seattle University Admissions Office reviews applications holistically. General admission requirements are listed below, but know that many factors are considered in the admissions process. Students with specific questions regarding their admission should contact their Admissions Counselor. To see a list of acquired materials, please see the How to Apply page on the Seattle University website. • Students must have a minimum 2.75 cumulative high school GPA or equivalent to one academic year of study: English: 4 units, Mathematics (college preparatory): 3 units, Social studies: 3 units, Laboratory science: 2 units, Foreign language: 2 units, History: 1 unit. Additional academic units from the above disciplines: 2 units **Direct Entry Admission Requirements:** • At Seattle University, students can apply directly to their intended major. For instance, students who select "Nursing" as their intended major will be considered directly for admission to our Nursing program. If admitted, students can begin their journey in their major right from the beginning. **Competitive applicants to majors within the College of Nursing must meet minimum requirements credit requirements (see the top of this page) and:** • Have completed the prerequisite courses with a competitive GPA. Note: Students may repeat one course to improve the equivalent of Pre-Calculus (completion or in progress). • One year of laboratory Biology and Laboratory Chemistry (each 3 quarters or higher). • Demonstrated interest in Nursing, Diagnostic Ultrasound, Science, or other related majors via coursework or extracurricular activities. • Have a cumulative GPA of competitive applicants who submitted their scores: SAT: 1150-1200; ACT: 24-28 • The typical middle 50% of admitted applicants who submitted their scores: SAT: 1150-1200; ACT: 24-28 • Please note these are not minimums but rather the typical range for admitted students. **Our Bachelor of Science in Nursing is our most competitive program. Please note: In person Nursing, students must indicate Nursing on their application and meet all relevant admissions deadlines. Due to the school nature of the program, students are not able to change their major to Nursing after enrolling at SU.** • Have completed the prerequisite courses: Minimum: 3.0-3.5 GPA (unweighted GPA)* • One year each of laboratory Chemistry and laboratory Biology, B grades or higher preferred • Four years of math, pre-calculus, or equivalent (completed or in progress), B grades or higher preferred • The admissions review process will consider a student's schedule, GPA in basic coursework, and grade trend in context with cumulative GPA.																																																				
University of Washington	Baccalaureate Degree Registered Nurse (RN) Programs	https://nursing.uw.edu/	Baccalaureate Degree in Nursing (BSN)	N/A	**PREREQUISITES** • There is no expiration date for prerequisite courses. However, you may wish to re-take a course if you feel you need a refresher. • Minimum college level cumulative GPA of 3.0 (Download the BRN GPA Worksheet to see if you are eligible). • Minimum 3.0 GPA in the last 90 quarter credits attempted at a minimum of either three Natural Sciences (BIS) prerequisite courses (general chemistry, organic chemistry, microbiology, anatomy, physiology, nutrition) with a minimum cumulative GPA of 3.0, or four Natural Sciences prerequisite courses with a minimum cumulative GPA of 2.8. • Any outstanding BIS courses (no failed) must be completed by the time you enroll in the program • Any outstanding non-BIS prerequisite courses (no failed) must be completed by the time you enroll in the program (work with a minimum grade of 2.0 ("C") by the time you enroll in the program • All prerequisite listed must be completed by the end of summer quarter, prior to the autumn quarter start of the BRN program. • Multiple semester hour credits by 1.5 to convert to quarter hour credits. • Only the last attempt of a course will count. • **Transfer students can find additional help using the UW Equivalency Guide for Washington Community and Technical Colleges. Students with a Direct Transfer Agreement associate degree from a Washington state community college should refer to the Transfer Association Degree Agreement page about counting courses:** **Other Requirements:** • Students who have taken a UP exam can refer to the UW policy regarding the awarding of UW credit for AP exams. • Minimum 100 hours of paid or volunteer health care experience in one setting within a three month span, completed within 12 months prior to applying • Two letters of recommendation required. • If your native language is not English, proof of proficiency in English (including spoken English).			X (or ENGL 101, 111, 281, 102, 197, 198, 199, 200, 201, 202)	X (or MATH 141, 142, 143, 124, 125, 126, 134, 135, 136, 327, 328, 329)	X (or MATH 112, 124, 126, 134, 135, 136, 327, 328, 329) Note: Math prerequisites can be taken at community colleges or online courses offered by public or private schools																																																		
Walla Walla University	Baccalaureate Degree Registered Nurse (RN) Programs	https://www.wallawalla.edu/academics/nursing/bsn-nursing	Baccalaureate Degree in Nursing (BSN)	N/A	**Pre-Requisites to start nursing on the College Place Campus:** • Students who are in their senior year and cookie preferred will be eligible for admission to nursing courses. • Anatomy & Physiology: a full sequence of 36-52 credits with lab. • Nutrition: 3-4 credits. • General Psychology: 3-4 credits. • Writing/English Composition: 6-9 credits. • General Studies course: 3-8 credits. **Note:** • Science: Anatomy & Physiology, Chemistry and Microbiology more than 5 years old are not accepted. • No grade lower than a C is accepted in all nursing prerequisite and cognate courses. • All transfer courses must be from a regionally accredited university or community college. • Microbiology: Lab is required for 300 level or higher. • All transfer courses must be 100 level or higher. • General studies courses include History (6 credits), Humanities (6 credits), Physical Education (PE) (2 credits). • Helpful courses include Speech (public speaking) and Literature (4 credits).																																																				
Washington State University (Spokane Campus & Tri-Cities Campus)	Baccalaureate Degree Registered Nurse (RN) Programs	https://nursing.wsu.edu/	Baccalaureate Degree in Nursing (BSN)	N/A	**What are the WSU College of Nursing prerequisites and University Common Requirements (UCORE)?** All students and transfer students must complete the WSU College of Nursing prerequisites and University graduation requirements. Please note, students with a DTA (Direct Transfer Agreement) degree or a bachelor's degree in another field have completed the UCORE requirements through the DTA/degree degree. Students who are admitted to the WSU College of Nursing must complete all requirements by the end of their Spring term. Students planning to begin the program in Spring must complete all requirements by the end of the Fall Term. (i.e. if you are applying for the BSN, requirements must be completed by the end of Spring 2022). If you anticipate this impacting your application, please reach out to a campus advisor. **How do I know if my other courses will transfer?** • Applicants may send an unofficial transcript to a nursing advisor for feedback to determine whether courses will apply towards the U-CORE requirements. They may also reference the WSU Transfer Center website, which is a tool that helps transfer students determine unofficial course equivalencies and request course evaluations. Note that official assessment of transfer course work for prerequisite and UCORE needs is completed at the time of application to WSU. **Prerequisite Requirements:** • Junior Standing – 60 semester (90 quarter) credits completed. • Cumulative GPA of 3.0 or higher. This includes **all** college level coursework ever attempted. Official transcripts from every college and/or university you have attended will be required during the application process and go into that calculation. • Minimum 3.0 GPA in prerequisite courses. Note: Math and Science prerequisites must be completed with a minimum grade of 3.0. Further, every individual prerequisite course must be at least a C grade/2.0 GPA. You may have no more than 2 prerequisite courses in progress at the time of application submission. Prerequisite course information can be found on our Web Transfer Guide. • Minimum TEAS exam score of 70. Version 7 of the TEAS is accepted. TEAS must have been taken within a year of application submission. For more detailed information, and study suggestions, please refer to our TEAS page on the WSU website for details. • Two letters of recommendation are required. One must be from a nurse who can speak to your ability to succeed in a demanding healthcare profession. Letters from family do not apply. Health care related hours will be weighed more heavily than non-health care related hours. Reference contact information will be asked of you during the application step to verify those hours. • Successful completion of Nursing CAS application. Additional details are outlined in Steps to Apply. Please note that application deadlines in CAS are for 11:59pm EAST/8PM (8:59pm Pacific) time. • Applications are evaluated using the **Holistic Admission** process. This means we take into account attributes and experiences that are not normally reviewed as part of the standard admissions process. For more information, please view the Washington Center for Nursing's video on Holistic Admissions at www.wcfn.org/be-a-nurse/holistic-admissions-how-to-be-successful-in-the-process).	Below is the general list of College of Nursing prerequisites for the BSN program. Please note that you must have an average minimum prerequisite GPA of 3.0 and every individual prerequisite course must be at least a C grade/2.0 GPA. Additionally, you may have no more than 2 prerequisite courses in progress at the time of your application submission. For more detailed information of specific course equivalencies, please refer below to the lists of common approved transfer institutions' course work. If there are questions about course work not listed, please contact the Academic Advisor of the campus to which you are applying. • Human Anatomy & Physiology (must include lab): Semester Credits* & Quarter Credits* 10 • Chemistry courses to include inorganic, organic & biochemistry (Must include labs for both classes. Rarely, schools will only offer one course that covers all three. In this instance, please contact the Academic Advisor of the campus to which you are applying to see if will work for us, please contact an academic advisor for a chemistry review by providing their course's syllabus.) Semester Credits* 8, Quarter Credits* 10 • Human Growth & Development across the Lifespan (Developmental Psychology will be approved only if it addresses conception through death. Courses only covering conception through adolescent development will not be approved, unless coupled with a course covering adulthood through death) Semester Credits* 3, Quarter Credits* 4 • Microbiology (Lab required. Nutrition not acceptable.) Semester Credits* 3, Quarter Credits* 4 • Introduction to Sociology (Other social science courses may work as well. Please contact an advisor to review options if you have not taken a sociology course.) Semester Credits* 3, Quarter Credits* 4 • Nutrition (Not Food Science or Food Preparation.) Semester Credits* 2, Quarter Credits* 3 • Microbiology (Must include lab.) Semester Credits* 3, Quarter Credits* 5 • Statistics (Must include inferential and descriptive statistics.) Semester Credits* 3, Quarter Credits* 4 *Minimum number of credits required																																																				