## Planning Map for Pierce College BASDH Prerequisite Courses

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pre-college Courses** *If required by institution &/or placement testing* | | | | | |  |  |
| ***MATH*** | ***ENGLISH*** | | ***NATURAL SCIENCES*** | ***HUMANITIES*** | ***SOCIAL SCIENCES*** |
| MATH 050, 054, 096, 098 | ENGL 096, 097, 098, 099 | | *n/a* | *n/a* | *n/a* |
|  | **Prerequisite College Courses**  *If required by institution. Can also test out of, see advisor* | | | | | |
| ***COLL 110*** | ***Required at Pierce College if you have not completed college level courses ever before.*** | | | | |
| ***MATH*** | ***ENGLISH*** | | ***NATURAL SCIENCES*** | ***HUMANITIES*** | ***SOCIAL SCIENCES*** |
| *n/a* | ENGL&101 | | CHEM& 100 | *n/a* | *n/a* |
|  |  | | BIOL& 160 |  |  |
|  | **BASDH Prerequisite College Courses for Application to Program**  *See sample schedule above* | | | | | |
| ***MATH***  *(5 Quarter Credits)* | | ***ENGLISH***  *(10 Quarter Credits, includes ENGL&101 above)* | ***NATURAL SCIENCES***  *(30-33 Quarter Credits)* | ***HUMANITIES***  *(10 Quarter Credits)* | ***SOCIAL SCIENCES***  *(10 Quarter Credits)* |
| MATH& 107 | | ENGL& 102 | CHEM& 121 | CMST 105 | PSYC& 100 |
| *or* | | *or* | CHEM& 131 | *or* | *or* |
| MATH& 146 | | ENGL& 235 | BIOL& 241 | CMST& 101 | PSYC 210 |
|  | |  | BIOL& 242 | *or* | **AND** |
|  | |  | BIOL& 260 | CMST& 220 | SOC& 201 |
|  | |  | NUTR& 101 | **AND** | *or* |
|  | |  |  | PHIL 230 | SOC& 101 |
|  | |  |  | *or* |  |
|  | |  |  | PHIL 110 |  |

## BASDH Sample Prerequisite Schedule (Over two years)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Fall 1** | **Winter 1** | **Spring 1** | | | **Summer 1** *(Optional)* | |
| *\*ENGL &101* | ENGL &102 | SOC&201 | | | TBD | |
| MATH &146 | CMST 105 | NUTR&101 | | | TBD | |
| CHEM&121 | CHEM&131 | BIOL&260 | | |  | |
| \*\*COLLG 110 |  |  | | |  | |
| **Fall 2** | **Winter 2** | **Spring 2** | | | **If accepted, begin BASDHProgram Curriculum \*\*DH Summer 1 Quarter** | |
| BIOL&241 | BIOL&242 | Optional AA-DTA GER | | |
| PHIL 230 | PSYC&100 | Optional AA-DTA GER | | |
| Optional AA-DTA Humanities | Optional AA-DTA Social Science | Optional AA-DTA GER | | |
| **Total Prerequisite Quarter Credits for application to BASDH Program** | | | **68 (\*\*71)** | **600 lec. hrs.** | | **160 lab hrs.** |
| **Total Prerequisite Quarter Credits for BASDH application/optional AA-DTA** | | | **90** | **820 lec. hrs.** | | **160(+) lab hrs.** |

## BASDH: PREREQUISITE COURSE ADVISING WORKSHEET (PRE-PROGRAM APPLICATION)

Date\_\_\_\_\_\_\_\_\_\_\_ Advisor\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SID#\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Major: **Dental Hygiene** Education Goal: **Entrance into Pierce College Dental Hygiene program**

**Courses listed on any Advising Plan are not official course substitutions.**

**Please see highlighted box below.**

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| **Quarter** | | **Year** | | **Quarter** | | **Year** | |
| Course | Complete | Credits | GPA | Course | Complete | Credits | GPA |
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| **Quarter** | | **Year** | | **Quarter** | | **Year** | |
| Course | Complete | Credits | GPA | Course | Complete | Credits | GPA |
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| **Quarter** | | **Year** | | **Quarter** | | **Year** | |
| Course | Complete | Credits | GPA | Course | Complete | Credits | GPA |
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| **Quarter** | | **Year** | | **Quarter** | | **Year** | |
| Course | Complete | Credits | GPA | Course | Complete | Credits | GPA |
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Date Created: \_\_\_\_\_\_\_\_\_\_\_\_ Advisor Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Additional Comments:

## AA-DTA and BASDH: PREREQUISITE ADVISING TRACKING SHEET

***Assuming Placement into College Level Courses***

Several of the BASDH dental hygiene prerequisite courses require prerequisite courses prior to enrollment. Only college level prerequisite dental hygiene courses are listed on this planning sheet.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **STUDENT NAME:** | | | | | | |
| **DATE: ADVISOR:** | | **Credits** |  | **Quarter** |  | **GPA** |
| **Fall Quarter (15 credits)** | |  |  |  |  |  |
| ENGL &101 | English Composition I (required prior to ENGL&102) | **5** |  |  |  |  |
| CHEM &100 | Preparatory Chemistry *(If required; consult advisor)* | 5 |  |  |  |  |
| MATH&146 **or**  MATH&107 | Introduction to Statistics **(Preferred)**  Mathematics in Society | **5** |  |  |  |  |
| **Winter Quarter (15 credits)** | |  |  |  |  |  |
| ENGL &102 **or** ENGL&235 | English Composition II **(Preferred)** d  Technical Writing | **5** |  |  |  |  |
| CHEM &121 | Introduction to Inorganic Chemistry, w/ lab | **5** |  |  |  |  |
| PSYC &100 **or**  PSYC &210 | General Psychology  Social Psychology (Social Science) | **5** |  |  |  |  |
| **Spring Quarter (16 credits)** | |  |  |  |  |  |
| CHEM &131 | Introduction to Organic and Biochemistry | **6** |  |  |  |  |
| BIOL &160 | General Biology w/Lab *(If required; consult advisor)* | 5 |  |  |  |  |
| SOC &201 **or**  SOC &101 | Social Problems **(Preferred)**  Introduction to Sociology (Social Science) | **5** |  |  |  |  |
| **Summer Quarter** | |  |  |  |  |  |
| *OPTIONAL ATTENDANCE* | | 0-12 |  |  |  |  |
| **Fall Quarter (16 credits)** | |  |  |  |  |  |
| BIOL &241 | Human Anatomy & Physiology 1 | **6** |  |  |  |  |
| NUTR &101 | Human Nutrition | **5** |  |  |  |  |
| CMST 105 **or**  CMST &101 **or**  CMST &220 | Intercultural Communications **(Preferred)**  Introduction to Communications  Public Speaking (Humanities) | **5** |  |  |  |  |
| **Winter Quarter (11-16 credits)** | |  |  |  |  |  |
| BIOL &242 | Human Anatomy & Physiology 2 | **6** |  |  |  |  |
| BIOL &260 | Microbiology | **5** |  |  |  |  |
| Humanities | OPTIONAL to fulfill AA-DTA | 5 |  |  |  |  |
| **Spring Quarter (10-15 credits)** | |  |  |  |  |  |
| PHIL 230 **or**  PHIL 110 | Contemporary Moral Problems  Introduction to Bioethics (Humanities) | **5** |  |  |  |  |
| Social Science | OPTIONAL to fulfill AA-DTA | 5 |  |  |  |  |
| *GER* | *OPTIONAL to fulfill AA-DTA, assuming ENGL &101 requirement met.*  *Can use CHEM 100 and Biol&160 if taken.* | *2-12* |  |  |  |  |
| **Total Required Prerequisite Hygiene Credits Only** | | **68** |  |  |  |  |
| **Optional AA-DTA Total Credit Needs** | | **90** |  |  |  |  |
| **Students may complete the entire prerequisite dental hygiene courses in one year or longer, but all science, math and the English courses must be five years current at application time. Repeat of courses ONLY allowed once.** | | | | | | |

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## BASDH PREREQUISITE COURSE DESCRIPTIONS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course No.** | **Course Name and Description** | | **Hours** | | **Credits** |
| **CONTENT AREA: COMMUNICATIONS,** *10 quarter credits required for AA-DTA Degree* | | | | | |
| ***ENGL& 101*** | ***ENGL& 101 English Composition I (5)*** *Prereq: Place or* [*ENGL 099*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=ENGL&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt6498)*with a grade of 2.0 or higher. College Level reading ability.  A composition course focusing on writing academic essays, developing rhetorical knowledge and critical reading skills, and applying effectively the principles of college writing.* | | *50* | | *5* |
| **ENGL& 102**  **OR**  **ENGL& 235** | **ENGL& 102 Composition II: Argumentation and Research (5) GER-CM** (formerly ENGL 103) Prereq: [ENGL& 101](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=ENGL&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt5854)  with 2.0 grade or better. Writing and analyzing argumentative essays that logically support and develop a claim (thesis); writing a research paper using the MLA or APA style of documentation; researching data using the latest research tools available, including electronic data bases and the Internet; becoming information competent.  **ENGL& 235 Technical Writing (5) GER-CM** Prereq: [ENGL& 101](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=ENGL&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt5280)  with grade of 2.0 or better. Learn the principles of organizing, developing and expressing technical information. Study rhetorical patterns common to scientific and technical disciplines. Also understand technical writing conventions as they apply to students during their academic careers. | | 50 | | 5 |
| **CONTENT AREA: HUMANITIES, *15 quarter credits required from two different disciplines for AA-DTA Degree*** | | | | | |
| **CMST 105**  (*Meets EWU Cultural and Gender Diversity requirement.)*  **OR**  **CMST& 101**  **OR**  **CMST& 220** | **CMST 105 Intercultural Communication (5) GER-HM** The examination of the effects of culture upon the process of communication. Using theory and skill development, students are prepared to communicate effectively both within and across cultures. The course gives students the opportunity to analyze their own intercultural communication through experiential and interviewing formats. The course emphasis includes the influence of culture on non-verbal communication, language, perception, intercultural relationship development and conflict management.  **CMST& 101 Introduction to Communications (5) GER-HM** An investigation into communication theory, including verbal and non-verbal communication. Communication barriers and processes will be studied. The student will also make presentations before the class.  **CMST& 220 Public Speaking (5) GER-HM**  A beginning course in public speaking emphasizing speech organization, audience analysis, organization and delivery. Frequent presentations will be made before the class in which the student will be given the opportunity to explore his/her own speaking capabilities. HM, GTE | | 50 | | 5 |
| **PHIL 230**  **OR**  **PHIL 110** | **PHIL 230 Contemporary Moral Problems (5) GER-HM** This course introduces students to the most urgent moral problems of our day. It will provide students with an introduction to ethical theories and their application to contemporary moral problems. Topics covered may include just war, privacy rights, capital punishment, animal rights, cloning, environmental issues including sustainability, abortion and euthanasia.  **PHIL 110 Introduction to Bioethics (5) GER-HM** An introduction to the important problems and figures of philosophy. Students will examine what philosophers are trying to find out and how a philosophical project differs from the projects of other disciplines. Questions posed may include, among others: Do we have free will? What can we know? What makes right acts right? | | 50 | | 5 |
| **Choice Humanities in third discipline for AA-DTA Degree** | | | 50 | | 5 |
| **CONTENT AREA: QUANTITATIVE SKILLS*, 5 quarter credits required for AA-DTA Degree*** | | | | | |
| **MATH& 146**  **OR**  **MATH& 107** | MATH& 146 Introduction to Statistics (5) **GER-NS, QS** *Prereq:* [*MATH 096*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=MATH&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt7257)*or* [*MATH 098*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=MATH&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt938)*or equivalent with a grade of at least 2.0 or satisfactory placement test score.* Introduction to the analysis of data using descriptive statistics, probability and inferential statistics. Topics include: data collection methods; measures of center and variation; graphical presentation of data; probability; binomial and normal distributions; confidence intervals; hypothesis tests of one and two parameters using the normal, Student-t, and chi-square distributions; linear correlation and regression.MATH& 107 Math in Society (5) **GER-NS, QS** *Prereq:* [*MATH 096*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=MATH&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt4365)*or* [*MATH 098*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=MATH&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt3390)*or equivalent, with a grade of at least 2.0 or satisfactory placement test score.* Contemporary mathematics applied to a variety of fields. Instructor-chosen topics will focus on graphical- and formula-derived solutions, statistics, applied problems and communicating solutions. Topics may include management science, statistics, social choice, patterns and financial applications. | | 50 | | 5 |
| **CONTENT AREA: SOCIAL SCIENCES, *15 quarter credits required from two different disciplines, AA-DTA Degree*** | | | | | |
| **PSYC& 100**  **OR**  **PSYC 210** | **PSYC& 100 General Psychology (5) GER-SS** Scientific study of animal behavior and experience. Both biological and social basics of behavior are covered with emphasis on heredity, neurology, motivation, emotion, perception, cognition, learning and intelligence. PSYC 210 Social Psychology (5) **GER-SS** *Prereq:* [*PSYC& 100*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=PSYC&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt1897) Social psychology surveys how people are affected by the world around them. Social influence includes obediency, conformity, and sales and negotiation strategies. Social relations includes stereotyping, love and liking. Social thinking includes identity, how we think about ourselves and how we explain the world. | | 50 | | 5 |
| **SOC &201**  (*Meets EWU International Studies requirement.)*  **OR**  **SOC& 101** | **SOC& 201 Social Problems (5) GER-SS** A critical exploration of social problems using key sociological perspectives and research strategies. Includes exploration of cross-cultural and historical dimensions. Also looks into the influence of societies on the creation of social problems as well as the effects of social problems on these same societies and their social institutions.  **SOC& 101 Introduction to Sociology (5) GER-SS** An introduction to sociology, the study of society and human interaction. Includes, but is not limited to, the systematic, or scientific, study of social phenomena, developing one’s “sociological imagination,” and exploring human relationships within the context of today’s rapidly changing world. | | 50 | | 5 |
| **Choice Social Science in third discipline for AA-DTA Degree** | | | 50 | | 5 |
| **CONTENT AREA: NATURAL SCIENCES, *15 quarter credit required for AA-DTA Degree*** | | | | | |
| **CHEM& 121** | CHEM& 121 Intro to Chemistry (5) **GER-NS** *Prereq:* [*CHEM& 100*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt3107)*, high school chemistry or instructor permission.* [*MATH 096*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt674)*or* [*MATH 098*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt5356)*or concurrent enrollment in* [*MATH 098*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt4899)*and recommended for* [*ENGL 101*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt902)*on placement tests.* An introduction to general chemistry for health professionals or as chemical background for further studies in chemistry. Topics covered include unit conversions, atomic structures, periodic properties, chemical bonds, basic stoichiometry, states of matter, solutions, equilibrium, acid/base chemistry and oxidation/reduction. Lab included. | | 60 | | 5 |
| **CHEM& 131** | CHEM& 131 Intro to Organic/Biochemistry (6 or 5) **GER-NS** *Prereq:* [*CHEM& 121*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt7424)  Continuation of [CHEM& 121](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=CHEM&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt1908) . The course includes an introduction to organize functional groups and a study of carbohydrates, optical isomerism, lipids, proteins, enzymes, nucleic acids and metabolism. Lab included. | | 70 | | 6 or \*5 |
| **BIOL& 241** | BIOL& 241 Human Anatomy and Physiology 1 (6 or 5) **GER-NS** *Prereq:* [*BIOL& 160*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=BIOL&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt4456)*with a grade of 2.0 or better and* [*CHEM& 100*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=BIOL&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt7168)*with a grade of 2.0 or better or instructor permission.* First course of a two-quarter study of body structure and related physiology on cellular through system levels. Includes an in-depth study of cells and tissues; integumentary, skeletal, muscular, nervous and sensory systems. Lab includes in-depth study of cell physiology, microscopy, histology, human bone and bone marking identification, basic dissection techniques, cat and human musculature, and nervous and sensory function tests. | | 80 | | 6 or \*5 |
| **BIOL& 242** | BIOL& 242 Human Anatomy and Physiology 2 (6 or 5) **GER-NS** *Prereq:* [*BIOL& 241*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=BIOL&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt4485)*or instructor permission* Second course of a two-quarter study of body structure and related physiology on cellular through system levels. Includes an in-depth study of body organization and physiological processes of cardiovascular lymphatic (includes immunology), respiratory, digestive (includes metabolism), excretory, reproductive and endocrine systems. Lab includes cardiovascular system of the cat and human, human hematology, urinalysis, immunology, respiratory, digestive (including chemistry) and reproductive systems. | | 80 | | 6 or \*5 |
| **BIOL& 260** | BIOL& 260 Microbiology (5) **GER-NS** *Prereq:* [*BIOL& 160*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=BIOL&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt984)*and* [*CHEM& 100*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=BIOL&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt1553)*or instructor permission* Diversity, structure and physiology of beneficial and harmful microbes. Lab practice in identification of microbial species through culturing, staining and biochemical testing. Lab included. | | 70 | | 5 |
| **NUTR& 101** | NUTR& 101 Nutrition (5) **GER-NS** *Prereq: College level reading, by placement assessment or successful completion of* [*READ 099*](http://catalog.pierce.ctc.edu/content.php?filter%5B27%5D=NUTR&filter%5B29%5D=&filter%5Bcourse_type%5D=-1&filter%5Bkeyword%5D=&filter%5B32%5D=1&filter%5Bcpage%5D=1&cur_cat_oid=3&expand=&navoid=99&search_database=Filter&filter%5Bexact_match%5D=1#tt4954)*.* Introduction to the role of nutrition in human health with respect to essential nutrients, factors that affect eating habits, food advertising, nutrition and disease and establishing a healthy lifestyle. | | 50 | | 5 |
| **CONTENT AREA: GENERAL ELECTIVES,** *Required to meet the AA-DTA Degree* | | | | | |
| Choice of Transferable General Electives for AA-DTA Degree | | 220 | | 12 | |
| **TOTAL, without Choice Humanities, Social Science or General Electives** | | **760** | | **68 \*\*\*(65)(\*\*71)** | |
| **TOTAL, with Choice Humanities, Social Science and General Electives** | | **980** | | **90** | |