This addendum contains approved changes to the 2017-2018 Parker University Academic Catalog. The purpose of this addendum is to provide additional information about new programs and courses that occurred after publication of the 2017-2018 Parker University Academic Catalog. The amendments listed in this document take precedence over information contained in the 2017-2018 Parker University Academic Catalog and are effective as of the date of this publication.
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**Associate of Science Degree with a Major in Computer Information Systems**

**Mission**

The mission of the Computer Information Systems department is to provide a thorough, well-rounded education in computer and information sciences that prepares graduates to serve as leaders in their field and their community.

**General Program Information**

The Computer Information Systems Associate of Science degree program is designed for students preparing to start a career or professionals seeking to gain a competitive edge in the marketplace. The program is offered online and includes courses in a variety of fundamental areas specific to Information Technology and Cybersecurity. The Associate of Science Degree can be completed in as little as five (5) terms and gives students an introduction to Computer Information Systems as well as giving them the foundation to later specialize in Information Technology, Cybersecurity and Health Care Cybersecurity concentrations.

**Program Learning Outcomes**

The graduating student will be able to:

1. Exhibit the ethical leadership standards, technical knowledge, and critical thinking skills required of their profession in effective oral and written communications.
2. Understand and apply fundamental technical knowledge and skills that serve as preparation for more advanced CIS degree programs.
3. Demonstrate an understanding of the technical fundamentals of telecommunications and computing networks, with reinforced knowledge of the layered network communications model, through hands-on laboratory experiences.
4. Demonstrate an understanding of the integration of information systems within the enterprise by analyzing, diagramming, and evaluating the information systems processes of integrated business units.

**Length of Program**

The degree program may be completed in a minimum of 5 terms of instruction and with a maximum satisfactory time frame for completion of 7.5 terms. The curriculum includes 27 semester credit hours of General Education courses, and 33 semester credit hours of Computer Information Systems major courses.

**Mode of Instruction**

The Associate of Science degree with a major in Computer Information Systems will be offered through a web-based distance education instructional format.
**Technical Standards**

Credits and degrees earned from this institution do not automatically qualify the holder to participate in professional certification or licensure exams. Different IT certification examinations or tests are at the discretion of the student. Parker University does not guarantee graduates will successfully pass such exams.

**Degree Requirements**

The Associate of Science with a major in Computer Information Systems requires a minimum of 60 semester credit hours of coursework which are as follows:

- 27 Credit hours in General Education courses.
- 33 Credit hours in AS-CIS major courses

The Associate of Science in Computer Information Systems program must be completed within 7.5 terms.

**Graduation Requirements**

To earn an Associate of Science with a major in Computer Information Systems from Parker University, students must accomplish the following:

- Complete the designated program of study.
- Complete degree requirements with a cumulative grade point average of 2.0 or higher on a 4.0 scale.
- File an application for the degree with the Office of the Registrar on or before the published date during the last term of resident study. The degree will not be awarded unless the application is completed.
- Resolve all financial obligations to Parker University.
- Complete all required exit paperwork.

Students cannot be on academic probation or subject to disciplinary sanctions at the time of graduation.
### Curricula

**ASSOCIATE OF SCIENCE DEGREE**  
**COMPUTER INFORMATION SYSTEMS**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Cr.</th>
<th>Course name</th>
<th>27 Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC 2301</td>
<td>3</td>
<td>General Psychology</td>
<td></td>
</tr>
<tr>
<td>ENGL 1301</td>
<td>3</td>
<td>English Composition I</td>
<td></td>
</tr>
<tr>
<td>ENGL 2326</td>
<td>3</td>
<td>American Literature</td>
<td></td>
</tr>
<tr>
<td>SPCH 1311</td>
<td>3</td>
<td>Speech Communications</td>
<td></td>
</tr>
<tr>
<td>BIOL 1308</td>
<td>3</td>
<td>Biology for Non-Science Majors I</td>
<td></td>
</tr>
<tr>
<td>BIOL 1309</td>
<td>3</td>
<td>Biology for Non-Science Majors II</td>
<td></td>
</tr>
<tr>
<td>MATH 1314</td>
<td>3</td>
<td>College Algebra</td>
<td></td>
</tr>
<tr>
<td>HIST 1301</td>
<td>3</td>
<td>American History I</td>
<td></td>
</tr>
<tr>
<td>HIST 1302</td>
<td>3</td>
<td>American History II</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>GENERAL EDUCATION COURSES</strong></td>
<td>27 Semester Credit Hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CIS MAJOR COURSES</strong></td>
<td>33 Semester Credit Hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCIS 1301</td>
<td>3</td>
<td>Fundamentals of Computer Information Systems</td>
<td></td>
</tr>
<tr>
<td>BCIS 1302</td>
<td>3</td>
<td>Programming Logic and Design</td>
<td></td>
</tr>
<tr>
<td>BMGT 1301</td>
<td>3</td>
<td>Introduction to Management</td>
<td></td>
</tr>
<tr>
<td>BCIS 2306</td>
<td>3</td>
<td>Fundamentals of Network Systems</td>
<td></td>
</tr>
<tr>
<td>BCIS 2307</td>
<td>3</td>
<td>Operating Systems</td>
<td></td>
</tr>
<tr>
<td>BCIS 2308</td>
<td>3</td>
<td>Data and Information Management</td>
<td></td>
</tr>
<tr>
<td>BCIS 2309</td>
<td>3</td>
<td>Ethical, Social, and Legal Dimensions of Computer</td>
<td></td>
</tr>
<tr>
<td>BCIS 2322</td>
<td>3</td>
<td>Client-Side Scripting (HTML)</td>
<td></td>
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<tr>
<td>*Elective 1</td>
<td>3</td>
<td>CIS Elective</td>
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<tr>
<td>*Elective 2</td>
<td>3</td>
<td>CIS Elective</td>
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</tr>
<tr>
<td>*Elective 3</td>
<td>3</td>
<td>CIS Elective</td>
<td></td>
</tr>
</tbody>
</table>

### A.S. Degree Program Length
Minimum 5 terms of instruction.  
Maximum satisfactory time frame of completion: 7.5 terms.
Certificates in Cybersecurity, Healthcare Cybersecurity & Information Technology

Mission
The mission of the Computer Information Systems department is to provide a thorough, well-rounded education in computer and information sciences that prepares graduates to serve as leaders in their field and their community.

General Program Information
Parker University’s Certificates in Computer Information Systems are geared toward building a solid understanding of theoretical methods, principles, and tools crucial to information systems and technology issues and processes. The certificates in Cybersecurity, Healthcare Cybersecurity, and Information Technology help build a solid foundation in Computer Information Systems, or build upon previous knowledge.

The online program provides a blend of theory and applications, preparing students for a variety of positions in scientific and business fields, and lays the foundation for graduate studies as well as employment in a wide range of industrial and technological environments. Real-world problems and opportunities with software-intensive systems are explored, and methods to evaluate, adopt, and take advantage of emerging technologies are addressed.

Program Learning Outcomes
The graduating student will be able to:

1. Exhibit the ethical leadership standards, technical knowledge, and critical thinking skills required of their profession in effective oral and written communications.
2. Understand and apply fundamental technical knowledge and skills that serve as preparation for more advanced CIS degree programs.
3. Demonstrate an understanding of the technical fundamentals of telecommunications and computing networks, with reinforced knowledge of the layered network communications model, through hands-on laboratory experiences.
4. Demonstrate an understanding of the integration of information systems within the enterprise by analyzing, diagramming, and evaluating the information systems processes of integrated business units.

Length of Program
The degree program may be completed in a minimum of 6 months of instruction and with a maximum satisfactory time frame for completion of 9 months. The curriculum includes: 18 semester credit hours of Computer Information Systems concentration courses.

Mode of Instruction
Parker’s Certificates in Computer Information Systems are offered through a web-based distance education instructional format.
Technical Standards
Credits and degrees earned from this institution do not automatically qualify the holder to participate in professional certification or licensure exams. Different IT certification examinations or tests are at the discretion of the student. Parker University does not guarantee graduates will successfully pass such exams.

Certificate Requirements
The Certificate in Cybersecurity, Healthcare Cybersecurity or Information Technology requires a minimum of 18 semester credit hours of coursework in the selected emphasis.

Graduation Requirements
To earn a Certificate in Cybersecurity, Healthcare Cybersecurity, or Information Technology from Parker University, students must accomplish the following:

- Complete the designated program of study.
- Complete certificate requirements with a cumulative grade point average of 2.0 or higher on a 4.0 scale.
- File an application for the certificate with the Office of the Registrar on or before the published date during the last term of resident study. The degree will not be awarded unless the application is completed.
- Resolve all financial obligations to Parker University.
- Complete all required exit paperwork.

Students cannot be on academic probation or subject to disciplinary sanctions at the time of graduation.

Curriculum

<table>
<thead>
<tr>
<th>COMPUTER INFORMATION SYSTEMS</th>
<th>CERTIFICATE PROGRAMS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CERTIFICATE IN CYBERSECURITY</strong></td>
<td>18 Semester Credit Hours</td>
</tr>
<tr>
<td><strong>CERTIFICATE IN HEALTH CARE CYBERSECURITY</strong></td>
<td>18 Semester Credit Hours</td>
</tr>
<tr>
<td><strong>CERTIFICATE IN INFORMATION TECHNOLOGY</strong></td>
<td>18 Semester Credit Hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Cr.</th>
<th>Course name</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCSC 2302</td>
<td>3</td>
<td>Digital Forensics in Criminal Justice System</td>
</tr>
<tr>
<td>BCSC 2303</td>
<td>3</td>
<td>Threats of Terrorism and Crime</td>
</tr>
<tr>
<td>BCSC 2304</td>
<td>3</td>
<td>Risk Management: Assessment and Mitigation</td>
</tr>
<tr>
<td>BCSC 2305</td>
<td>3</td>
<td>Security Policy Analysis and Implementation</td>
</tr>
<tr>
<td>BCSC 4306</td>
<td>3</td>
<td>Database Security</td>
</tr>
<tr>
<td>BCSC 3305</td>
<td>3</td>
<td>Fundamentals of Ethical Hacking &amp; Penetration Testing</td>
</tr>
<tr>
<td>HITT 1311</td>
<td>3</td>
<td>Electronic Medical Records Systems (EMRS)</td>
</tr>
<tr>
<td>COSC 2303</td>
<td>3</td>
<td>Introduction to Digital Forensics</td>
</tr>
<tr>
<td>COSC 2304</td>
<td>3</td>
<td>Security Policy Analysis, HIPPA and Implementation</td>
</tr>
<tr>
<td>COSC 4307</td>
<td>3</td>
<td>Intrusion Detection and Incident Response</td>
</tr>
<tr>
<td>COSC 3305</td>
<td>3</td>
<td>Web Application Security I</td>
</tr>
<tr>
<td>COSC 3306</td>
<td>3</td>
<td>Network Security</td>
</tr>
<tr>
<td><strong>CERTIFICATE IN HEALTH CARE CYBERSECURITY</strong></td>
<td>18 Semester Credit Hours</td>
<td></td>
</tr>
<tr>
<td><strong>CERTIFICATE IN INFORMATION TECHNOLOGY</strong></td>
<td>18 Semester Credit Hours</td>
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<tr>
<td>BCIS 2302</td>
<td>3</td>
<td>Computer Programming I</td>
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<tr>
<td>BCIS 2303L</td>
<td>3</td>
<td>Computer Programming LAB</td>
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<tr>
<td>BCIS 2304</td>
<td>3</td>
<td>Computer Programming II</td>
</tr>
<tr>
<td>BCIS 2305L</td>
<td>3</td>
<td>Computer Programming II LAB</td>
</tr>
<tr>
<td>BCIS 3301</td>
<td>3</td>
<td>Data Structures and Algorithm Analysis</td>
</tr>
<tr>
<td>BCIS 3302L</td>
<td>3</td>
<td>Data Structures and Algorithm Analysis LAB</td>
</tr>
</tbody>
</table>
Associate of Science Degree with a Major in Health Science

Mission
The mission of the Health Sciences department is to develop graduates to acquire professional careers in health science, to become researchers in their field of interest, to pursue advanced studies in health science programs and to develop leaders in the field of health and wellness.

General Program Information
The Health Science degree is a dynamic interdisciplinary program that allows students to prepare for many careers within the health care industry. Associate degree graduates are prepared to enter the health care workforce with opportunities in community organizations, research laboratories, and insurance companies. This program will also provide pathways for students to advance to other Parker degree programs within the health sciences.

Program Learning Outcomes
The graduating student will be able to:

1. Recognize how socio-economic, cultural, behavioral, structural, biological, environmental and other factors impact the health of individuals and communities, contribute to health disparities, and provide opportunities for promoting health throughout the life course.
2. Understand and apply information relevant to assessing and improving population health.
3. Work independently and collaboratively, demonstrating an understanding of professional standards.

Length of Program
The degree program may be completed in a minimum of 5 terms of instruction and with a maximum satisfactory time frame for completion of 7.5 terms. The curriculum includes: 32 semester credit hours of General Education courses, and 28 semester credit hours of Health Science major courses.

Mode of Instruction
The Associate of Science degree with a major in Health Science will be offered through a web-based distance education instructional format.

Degree Requirements
The Associate of Science with a major in Health Science requires a minimum of 60 semester credit hours of coursework which are as follows:

- 32 Credit hours in General Education courses.
- 28 Credit hours in Health Science major courses

The Associate of Science in Health Science program must be completed within 7.5 terms.
Graduation Requirements

To earn an Associate of Science with a major in Health Science from Parker University, students must accomplish the following:

- Complete the designated program of study.
- Complete degree requirements with a cumulative grade point average of 2.0 or higher on a 4.0 scale.
- File an application for the degree with the Office of the Registrar on or before the published date during the last term of resident study. The degree will not be awarded unless the application is completed.
- Resolve all financial obligations to Parker University.
- Complete all required exit paperwork.

Students cannot be on academic probation or subject to disciplinary sanctions at the time of graduation.

Curriculum

ASSOCIATE OF SCIENCE DEGREE

HEALTH SCIENCES

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Cr.</th>
<th>Course name</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1301</td>
<td>3</td>
<td>English Composition I</td>
<td>9</td>
</tr>
<tr>
<td>ENGL 1302</td>
<td>3</td>
<td>English Composition II</td>
<td>9</td>
</tr>
<tr>
<td>SPCH 1311</td>
<td>3</td>
<td>Introduction to Speech Communications</td>
<td>9</td>
</tr>
<tr>
<td>COSC 1301</td>
<td>3</td>
<td>Introduction to Computing</td>
<td>9</td>
</tr>
<tr>
<td>Communication*</td>
<td>9</td>
<td>*Or choose other equivalent courses in Communications</td>
<td></td>
</tr>
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</table>
### HS SPECIALIZATION

<table>
<thead>
<tr>
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<th>Credits</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>HSCI 1305</td>
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<td>Medical Terminology</td>
</tr>
<tr>
<td>BCIS 1301</td>
<td>3</td>
<td>Fundamentals of Computer Information Systems</td>
</tr>
<tr>
<td>BMGT 1301</td>
<td>3</td>
<td>Introduction to Management</td>
</tr>
<tr>
<td>SOCI 1343</td>
<td>3</td>
<td>Introduction to Public Health</td>
</tr>
<tr>
<td>KINE 1304</td>
<td>3</td>
<td>Personal/Community Health</td>
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<tr>
<td>KINE 1164</td>
<td>1</td>
<td>Introduction to Physical Fitness and Wellness</td>
</tr>
<tr>
<td>HSCI 2301</td>
<td>3</td>
<td>Health Policy and Health Care System</td>
</tr>
<tr>
<td>HSCI 2305</td>
<td>3</td>
<td>Introduction to Statistics for Health Sciences</td>
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<tr>
<td>HSCI 2310</td>
<td>3</td>
<td>Development of Health Care Professions</td>
</tr>
<tr>
<td>HSCI 2315</td>
<td>3</td>
<td>Disease Prevention and Health Promotion Concepts</td>
</tr>
</tbody>
</table>

**A.S. Degree Program Length:** Minimum 5 terms of instruction. Maximum satisfactory time frame Completion: 7.5 Terms

### Bachelor of Science Degree with a Major in General Studies

**Mission**
The mission of the General Studies department is to provide students with the foundational skills and knowledge to: (a) succeed in the student's future career or program of study, (b) make informed and responsible life decisions, and (c) pursue opportunities for lifelong learning.

**General Program Information**
The Bachelor of Science in General Studies program focuses on real-world skills while helping students develop a basic set of transferable skills. The program is offered online and includes courses in a variety of fundamental areas. The program also allows students to customize their degree path by choosing one, two, or three concentrations.

**Program Learning Outcomes**
The graduating student will be able to:
1. Demonstrate the ability to communicate effectively through writing.
2. Demonstrate the ability to read critically and interpret literature.
3. Demonstrate the ability to perform the basic mathematical calculations and understand quantitative information.
4. Demonstrate the ability to think critically to evaluate and solve problems.

**Length of Program**
The degree may be offered through campus and web-based instructional formats and may be completed in 10 terms with a maximum satisfactory time frame for completion of 15 terms. The curriculum will include: 30 semester credit hours of general education courses, 54 semester credit hours of elective courses, 9 semester credit hours of general studies major requirements, and 27 semester credits in an emphasis area.

**Mode of Instruction**
The Bachelor of Science degree with a major in General Studies will be offered through campus and web-based distance instructional formats.
Degree Requirements
The Bachelor of Science with a major in General Studies requires a minimum of 120 semester credit hours of coursework which are as follows:

- 30 Credit hours in General Education courses
- 54 Credit hours in Elective Requirements
- 9 Credit hours General Studies Major courses
- 27 Credit hours in an Areas of Emphasis

The Bachelor of Science in General Studies program must be completed within 15 terms.

Graduation Requirements
To earn a Bachelor of Science with a major in General Studies from Parker University, students must accomplish the following:

- Complete the designated program of study.
- Complete degree requirements with a cumulative grade point average of 2.0 or higher on a 4.0 scale.
- File an application for the degree with the Office of the Registrar on or before the published date during the last term of resident study. The degree will not be awarded unless the application is completed.
- Resolve all financial obligations to Parker University.
- Complete all required exit paperwork.

Students cannot be on academic probation or subject to disciplinary sanctions at the time of graduation.

Curriculum

BACHELOR OF SCIENCE DEGREE
GENERAL STUDIES

| GENERAL EDUCATION CORE COURSES | 30 Semester Credit Hours |
| ELECTIVE REQUIREMENTS | 54 Semester Credit Hours |
| GEN STUDIES CORE REQUIREMENTS | 9 Semester Credit Hours |
| AREAS OF EMPHASIS | 27 Semester Credit Hours |
| TOTAL | 120 Semester Credit Hours |

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Cr.</th>
<th>Course name</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMMUNICATION</td>
<td>Complete (9) Semester Credit Hours</td>
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</tr>
<tr>
<td>ENGL 1301</td>
<td>3</td>
<td>English Composition I</td>
</tr>
<tr>
<td>ENGL 1302</td>
<td>3</td>
<td>English Composition II</td>
</tr>
<tr>
<td>SPCH 1311</td>
<td>3</td>
<td>Introduction to Speech Communications</td>
</tr>
<tr>
<td>Communication*</td>
<td>9</td>
<td>*Or choose other equivalent courses in Communications</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MATHEMATICS</th>
<th>Complete one (3) Semester Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MATH 1314</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1316</td>
<td>3</td>
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<tr>
<td>MATH 1324</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1342</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics*</td>
<td>3</td>
</tr>
</tbody>
</table>
NATURAL SCIENCES                                                                                     Complete (6) Semester Credit Hours
BIOL 1306 3 Biology for Science Majors I
BIOL 1307 3 Biology for Science Majors II
BIOL 1308 3 Biology for Non-Science Majors I
BIOL 1309 3 Biology for Non-Science Majors II
Natural Sciences* 6 *Or choose other equivalent courses in Natural Sciences

SOCIAL & BEHAVIORAL SCIENCES                                                                 Complete (6) Semester Credit Hours
PSYC 2301 3 Introduction to Psychology
GOVT 2305 3 Federal Government
GOVT 2306 3 Texas Government
HIST 1301 3 United States History I
HIST 1302 3 United States History II
Social & Behavioral Sciences* 6 *Or choose other equivalent courses in Social & Behavioral Sciences

HUMANITIES                                                                                                    Complete (6) Semester Credit Hours
ENGL 2326 3 American Literature
MUSI 1306 3 Music Appreciation
Humanities* 6 *Or choose other equivalent courses in Humanities

ELECTIVES                                                                                                   Choose (54) additional Semester Credit Hours
at least 21 of these must be at the 3000/4000

BACHELOR OF SCIENCE DEGREE
GENERAL STUDIES CONCENTRATIONS & MAJOR REQUIREMENTS

OPTION 1 – Single Concentration 27 Semester Credit Hours
Primary Concentration: A minimum of 27 hours must be from the same academic discipline. 27 Cr.
At least 12 of these must be at the 3000/4000 level.

OPTION 2 - Dual Concentration 27 Semester Credit Hours
Primary Concentration: A minimum of 9 hours must be from the same academic discipline. Must be from an academic discipline different than the secondary concentration. 9-18 Cr.
Secondary Concentration: A minimum of 9 hours must be from the same academic discipline. Must be from an academic discipline different than the primary concentration. 9-18 Cr.
At least 12 of these must be at the 3000/4000 level.

OPTION 3 - Three Concentrations 27 Semester Credit Hours
Concentration #1: All 9 hours must be from the same academic discipline. Must be from an academic discipline different than other concentrations. 9 Cr.
Concentration #2: All 9 hours must be from the same academic discipline. Must be from an academic discipline different than other concentrations. 9 Cr.
Concentration #3: All 9 hours must be from the same academic discipline. Must be from an academic discipline different than other concentrations. 9 Cr.
At least 12 of these must be at the 3000/4000 level.

GENERAL STUDIES CORE REQUIREMENTS 9 Semester Credit Hours Semester
Credit Hours
GENS 3301 3 Interdisciplinary Perspectives
GENS 4301 3 Integrative Studies
GENS 4391 3 General Studies Capstone Project

B.S. Degree Program Length: Minimum 10 terms of instruction.
Maximum satisfactory time frame completion: 15 terms
New Course Descriptions

BIOL 1306 Biology for Science Majors I – 3 Credit hours
This course is an introduction to Biology. Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included. Prerequisite(s): None

BIOL 1307 Biology for Science Majors II – 3 Credit hours
The diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to cell biology, anatomy, physiology, ecology, and evolution of plants and animals. Prerequisite(s): None

GENS 3301 Interdisciplinary Perspectives – 3 Credit hours
This variable topics course provides students with the opportunity to examine historical and/or current global issues from interdisciplinary perspectives. Course activities will include relevant readings from a variety of perspectives and disciplines, discussions encouraging synthesis and analysis of conflicting or competing views, and written assignments. Prerequisite(s): Completion of General studies Core Requirements

GENS 4301 Integrative Studies – 3 Credit hours
This course focuses on the design and execution of integrative research. Students will work on case problems appropriate to their career plans and prepare written and/or oral reports on their proposed solutions. This seminar will provide the opportunity for individual student and program assessment. Prerequisite(s): GENS 3301

GENS 4391 General Studies Capstone Project – 3 Credit hours
This course is the culminating course required for the bachelor of general studies degree. Students will summarize their experience in a reflective paper, integrate material learned in emphasis by completing a scholarly essay, and demonstrate accomplishment of learning outcomes. Prerequisite(s): GENS 4301

HSCI 1305 Medical Terminology – 3 Credit hours
This course provides students with the opportunity to develop a working knowledge of the language used by health care workers. Students will learn how to identify medical terminology as it relates to the body systems and as it is used in the medical environment. Special emphasis will be given to word origin and structure through the introduction of prefixes, suffixes, root words, plurals, abbreviations and symbols, surgical procedures, medical specialties and diagnostic procedures. Prerequisite(s): None

HSCI 2301 Health Policy and Health Care System – 3 Credit hours
This introductory course takes a policy and politics angle to health care's three persistent issues - access, cost and quality. The roles of patients, physicians, hospitals, insurers, and pharmaceutical companies will be established. The interaction between the government and these different groups will also be covered. Current national health care policy initiatives and the interests of class members will steer the specific topics covered in the course. The course aims to provide skills for critical and analytical thought about the U.S. health care system and the people in it. Prerequisite(s): None
HSCI 2305 Intro to Stats for Health Sciences – 3 Credit hours
This course will provide students with the opportunity to develop a working knowledge and understand the basics of analysis methods commonly used in medical research, in order to understand published research and to participate in more specialized courses. Students will learn to use and interpret basic statistical methods, with reference to cohort studies, case control studies and randomized controlled trials.
Prerequisite(s): None

HSCI 2310 Development of Health Care Professions – 3 Credit hours
This course introduces students to various aspects of the health care field. Students will explore a variety of health-related disciplines, create an academic and career plan for their chosen profession, and develop a health care e-portfolio. Students will study health implications for several cultural groups, including belief systems, communication styles and the role of the family. Professional behavior and essential qualities for health care professionals will also be addressed.
Prerequisite(s): None

HSCI 2315 Disease Prevention and Health Promotion Concepts – 3 Credit hours
The purpose of this course is to help prepare health professionals as leaders in the field of disease prevention and health promotion. Students will learn the value of and barriers to disease prevention and health promotion, how to identify and use federal public health data sets, factors that influence personal health decisions, preventive interventions directed at individuals (clinical settings) and populations (community settings), strategies for using population health principles to integrate disease prevention and health promotion into routine clinical and public health practice, and the organization of federal agencies that fund disease prevention and health promotion activities.
Prerequisite(s): None

KINE 1164 Intro to Physical Fitness and Wellness – 1 Credit hours
This course will provide an overview of the lifestyle necessary for fitness and health. Students will participate in physical activities and assess their fitness status. Students will be introduced to proper nutrition, weight management, cardiovascular health, flexibility, and strength training.
Prerequisite(s): None