

CATALOG 2015-2016 EDITION



Baptist Memorial College of Health Sciences
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The Baptist Memorial College of Health Sciences at 1003 Monroe Avenue, Memphis, TN 38104 maintains an academic environment free of discrimination. Discrimination, harassment and retaliation on the basis of race, color, national or ethnic origin, sex, disability, or age are prohibited in the College's programs and activities. Inquiries regarding the College's nondiscrimination policies can be addressed to the Vice President of Administrative Services at 901-572-2592, Room 244A in the Main Campus building, and/or the College's Section 504 Coordinator, the Director of Counseling Services, at 901-572-2660, Room 227 in the Main Campus building.

Baptist Memorial College of Health Sciences is an
equal opportunity educational institution.

Baptist Memorial College of Health Sciences is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the Bachelor of Science in Nursing, the Bachelor of Health Sciences and the Associate of Science. Contact the Southern Association of Colleges and Schools Commission on Colleges, (www.sacscoc.org), at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Baptist Memorial College of Health Sciences.

Disclaimer: Baptist Memorial College of Health Sciences reserves the right to change, remove, or supplement any material contained in this *Catalog* as necessary and at any time. Any changes, removals, or supplementation to the *Catalog* shall apply to both current and new students. Once a student withdraws or is dismissed from Baptist College, the student has one trimester from the date of withdrawal or dismissal to exercise any rights granted by this *Catalog*.

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ACADEMIC CALENDARS

FALL TRIMESTER 2015

| | |
|-----------------------------|--|
| August 27, 2015 | Registration |
| August 27, 2015 | Graduation Application and Fees Due for December 2015 Graduates |
| August 28, 2015 | Late Registration |
| August 31, 2015 | Classes Begin |
| September 7, 2015 | Labor Day |
| September 8, 2015 | Last Day to Change/Add a Course |
| September 14, 2015 | Convocation |
| October 2, 2015 | Last Day to Drop a Course Without Receiving a Grade |
| October 09, 2015 | Degree Audits Due to Deans for Spring 2016 Prospective Graduates |
| October 19, 2015 | Midterm |
| November 1, 2015 | Financial Assistance Deadline for Spring 2016 Trimester |
| November 09 - 14, 2015 | Priority Scheduling for Spring 2016 Trimester |
| November 13, 2015 | Last Day to Drop a Course with WP (if passing); All Courses Dropped After this Date Receive WF |
| November 20, 2015 | Deadline to File "Intent to Graduate" in Summer 2016 |
| November 24-29, 2015 | Thanksgiving Holidays |
| December 5, 2015 | Graduating Senior Grades Due to Registrar |
| December 7- 12, 2015 | Final Exams |
| December 09, 2015 | Commencement Rehearsal (August and December 2015 Graduates) |
| December 10, 2015 | Commencement |
| December 15, 2014 | Grades Due to Registrar |
| December 21-January 3, 2016 | Christmas and New Year's Holidays |

SPRING TRIMESTER 2015

| | |
|-------------------|--|
| January 6, 2016 | Registration |
| January 6, 2016 | Graduation Application and Fees Due for April 2016 Graduates |
| January 7, 2016 | Late Registration |
| January 8, 2016 | Classes Begin |
| January 15, 2016 | Last Day to Change/Add a Course |
| January 18, 2016 | Martin Luther King Holiday |
| February 15, 2016 | Last Day to Drop a Course Without Receiving a Grade |
| February 19, 2016 | Degree Audits Due to Deans for August 2016 Graduates |
| February 22, 2016 | Midterm |
| March 1, 2016 | Application Deadline for Student Scholarships 2016-2017 |

| | |
|----------------------|--|
| March 7, 2016 | Faculty & Staff Honors Convocation |
| March 14-19, 2016 | Priority Scheduling for Summer 2016 Trimester |
| March 24, 2016 | Deadline to File "Intent to Graduate" in December 2016 |
| March 25, 2016 | Good Friday Holiday |
| March 28, 2016 | Last Day to Drop a Course with WP (if passing); All Courses Dropped After This Date Receive WF |
| April 9, 2016 | Graduating Senior Grades Due to Registrar |
| April 12-18, 2016 | Final Exams |
| April 13, 2016 | Commencement Rehearsal |
| April 14, 2016 | Commencement |
| April 20, 2016 | Grades Due to Registrar |
| April 25-May 1, 2016 | Faculty Spring Break |

SUMMER TRIMESTER 2015

| | |
|--------------------|--|
| May 2, 2016 | Registration |
| May 2, 2016 | *Graduation Application and Fees Due for August 2016 Graduates |
| May 3, 2016 | Late Registration |
| May 4, 2016 | Classes Begin |
| May 11, 2016 | Last Day to Change/Add a Course |
| May 25, 2016 | Memorial Day (Classes in Session) |
| June 5, 2016 | Last Day to Drop a Course Without Receiving a Grade |
| June 10, 2016 | Degree Audits Due to Deans for Fall 2016 Prospective Graduates |
| June 20, 2016 | Midterm |
| July 4-10, 2016 | Summer Break/July 4th Holidays |
| July 18-23, 2016 | Priority Scheduling for Fall 2016 Trimester |
| July 25, 2016 | Last Day to Drop a Course With WP (if passing); All Courses Dropped After This Date Receive a WF |
| August 10-16, 2016 | Final Exams |
| August 16, 2016 | *August 2016 Graduates Complete Degree Requirements |
| August 18, 2016 | Grades Due to Registrar |

**Students who complete all graduation requirements in August participate in the Commencement Ceremony to be held in December 2016.*

GENERAL INFORMATION

ROSE Y. TEMPLE DISTINGUISHED FACULTY 2015



Distinguished Faculty 2015
Ms. Michelle McDonald
Chair, General Education
Associate Professor, Biology

Michelle McDonald is recognized for her support of the faith-based education at Baptist College, guiding the advising process, contributing to the Enrollment Management Committee and her commitment to student success. Teaching effectiveness is exemplified and validated through her student evaluations and she always has the student's best interest at heart. Michelle has collaborated with other faculty and staff member on retention, mentoring, QEP, supplemental instruction and recruiting of students to various majors. She traveled to Belize for the 2015 International Medical Mission Trip to work with Baptist College students and other members of the medical community. Michelle is respected by her peers and is loved by her students.

ROSE. Y TEMPLE DISTINGUISHED STAFF 2015



Distinguished Staff, 2015
Ms. Tine Currie

Tina Currie personifies the Christian mission by effortlessly working with Baptist College faculty and staff in a kind and compassionate manner. She is very responsive to providing technical support whenever the need arises. She is a member of the Association of Information Technology Professionals, a mentor for Messick Adult Center and is active in her church. Tina is a model employee both at work and in her personal life.

MISSION

Baptist Memorial College of Health Sciences (Baptist College) provides quality education in a Christian atmosphere to prepare graduates for diverse health care environments.

Grounded in Christian principles and building on the legacy of education since 1912, Baptist College is a private, specialized institution focusing on undergraduate education in the health sciences. The College seeks to attract a diverse student population who shares commitments to Christian values and ethics, academic excellence, and lifelong professional development.

In partnership with Baptist Memorial Health Care, Baptist College extends the learning environment beyond classroom to include experiences found in real-world health care settings throughout the Mid-South.

To fulfill its mission, Baptist College is committed to:

- Educating individuals to value both competency and caring in their roles as members of the interprofessional health care team.
- Developing students to become engaged learners and leaders in their chosen professions.
- Creating a learning environment in which students are encouraged to develop intellectually, socially, and spiritually.
- Providing a curriculum that reflects a strong general education foundation.
- Promoting and rewarding excellence in teaching, professional practice and scholarly activity.
- Contributing positively to the health status of the community.
- Fostering an atmosphere of respect for cultural diversity and the dignity of all persons.

VISION

Baptist College will be a leading health sciences college distinguished by its faculty, staff, and graduates and their careers of service in health care.

VALUES

The shared values of our learning community are:

- **Integrity**
Aspiration Statement: Baptist College models high ethical standards in all aspects of learning, teaching, service, and business.
- **Professionalism**
Aspiration Statement: Baptist College provides an environment that promotes the competence, character, and commitment of faculty, staff and students to their careers and vocations.
- **Service as an expression of Christian values**
Aspiration Statement: Baptist College fosters a Christian environment where servant leadership is modeled in all aspects of learning, teaching, service, and business.
- **Continuous Improvement**

Aspiration Statement: Baptist College promotes ongoing assessment as a means to achieve personal and organizational excellence.

NON-DISCRIMINATION POLICY

It is the policy of Baptist College to maintain an academic environment free of discrimination, including harassment. Discrimination, harassment and retaliation on the basis of, race, color, national or ethnic origin, sex, disability or age are prohibited in Baptist College's programs and activities. If you believe you are a victim of discrimination, harassment and/or retaliation you may contact the Vice President of Administrative Services at 901-572-2592, Room 244A in the Main Campus building, 1003 Monroe Avenue, Memphis, TN 38104 and/or file a complaint using Baptist College's grievance procedures. Information on the grievance procedures can be found in the Student Handbook, Faculty & Staff Handbook, and Baptist College's intranet and website.

The Section 504/ADA Coordinator, the designated official responsible for Baptist College's compliance efforts under the Rehabilitation Act and the Americans with Disabilities Act., ensures that Baptist College's facilities, programs and services are accessible to and usable by individuals with disabilities. Students who have accessibility questions or who need accommodations should contact the Section 504/ADA Coordinator, MARY Akin-Deko, Room 101, Science Building, at 901-572-2570 or by sending an email to Disability.Accommodations@bchs.edu. Employees or visitors who have questions should contact the Vice President of Administrative Services, Room 244A Main Campus, 901-572-2592.

HARASSMENT

It is the policy of Baptist College to maintain an academic and work environment free of discrimination, including harassment. Any individual that believes that he/she is a victim of discrimination, harassment and/or retaliation on the basis of race, color, national origin, sex, disability, or age carried out by Baptist College's employees, other students, or third parties may address his or her concerns by seeking informal resolution and/or filing a formal complaint.

Harassment consists of unwelcome conduct whether verbal, physical, or visual that insults or shows disrespect toward a person's protected status as defined above.

If the student believes he or she is a victim of discrimination, harassment, or retaliation, the student should contact the Vice President of Administrative Services, Room 244A, Main Campus, 901-572-2592, or via e-mail as outlined in the Non-Discrimination Policy-Student or file a complaint using Baptist College's grievance procedures as outlined in the Alleged Discrimination Grievance-Complaint Policy-Students.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974

Baptist College complies with the Family Educational Rights and Privacy Act of 1974. Student rights covered by this Act include the right to:

- inspect and review information contained in educational records.
- request amendment of educational records.
- consent to disclosure, with certain exceptions specified in the Act.
- secure a copy of the College policy.
- file complaints with the Department of Education concerning alleged failure to comply with this Act.

The policy statement and procedure for accessing records is included in the *Student Handbook*.

CONSUMER PROTECTION

Complaints related to state consumer protection laws (e.g., laws related to fraud or false advertising) shall be referred to the Tennessee Division of Consumer Affairs and shall be reviewed and handled by that Unit (<http://www.tn.gov/consumer/>).

ADMISSIONS

Marilissa Morgan
Director, Admissions

Christopher Cotton
Admissions Officer

Tilly Leaf
Admissions Officer

Vacant
Admissions Officer

Mary Margaret Freeman
Admissions Officer

Melodi Nathan
Secretary

Natassah Chipman
Secretary

ADMISSION TO THE COLLEGE

Baptist College seeks academically well prepared, highly motivated students who are interested in careers in health sciences. **Admission is based on a variety of criteria including grade point averages and standardized test scores.** Special attention is given to academic performance and standardized test scores in science and math, and, if applicable, academic performance in any professional program curriculum.

Admission to the College: Admission to Baptist College is a selective, competitive process and every facet of the individual's application and academic record is reviewed in making an admission decision. The number of applicants admitted to Baptist College during any trimester may be limited. The published admissions criteria outlined in this catalog are minimum criteria for consideration but does not guarantee admission to the College. Admission to the college does not guarantee selection, to a professional major or program. Selection criteria for entry into the professional phase of a major are determined by each program. Students who do not meet the minimum criteria by the stated deadlines will not be considered for admission. Baptist College accepts new students for the fall and spring trimesters only. Applicants with a GED will complete the admission process as a transfer student with 30 or more hours of college level credit. Home school applicants will be considered on an individual basis.

Selection to the Program: Students must be admitted to Baptist College in order to be considered for selection to the professional program. For selection criteria required for each professional program, please refer to that program in this catalog, or log onto www.bchs.edu to review the criteria for each academic program.

DEADLINES

Fall Deadlines

March 1: Priority Admissions Deadline.

May 1: Final Admissions Deadline. Applicants who meet the admission criteria by May 1 will be considered for admission based on available openings.

Spring Deadlines*

September 1: Priority Admissions Deadline.

October 1: Final Admissions Deadline. Applicants who meet the admission criteria by October 1 will be considered for admission based on available openings.

*Beginning with Spring applicants of 2016, the spring admission deadlines will be September 1 (Priority) and October 1 (final). Fall admission deadlines will not change.

FRESHMEN APPLICANTS (0-29 HOURS)

The freshman applicant with 0-29 hours of college level credit must:

1. Submit an application for admission with a \$25.00 non-refundable application fee.
2. Submit ACT and/or SAT scores. The Baptist College ACT code is 3949 and SAT code is 6548.
3. Graduate from an accredited high school.
4. Complete the following high school courses with a grade of "C" or above in each course:
 - a. English: 4 credits required
 - b. College Preparatory Math (from algebra, geometry, calculus, trigonometry): 2 credits required
 - c. Laboratory Science (from biology, chemistry, anatomy & physiology): 2 credits required
5. Earn a high school GPA and an ACT composite score or SAT total that meets the academic criteria for admission. This will be determined by a combination of test scores and high school GPA.

Sliding Scale for ACT/SAT and High School GPA

| ACT/SAT | High School GPA |
|---------|-----------------|
| 18/870 | 2.85 |
| 19/910 | 2.80 |
| 20/950 | 2.75 |
| 21/990 | 2.70 |
| 22/1030 | 2.65 |

6. Submit transcript from all colleges attended.
7. Earn a cumulative grade point average of 2.70 on a 4.0 scale on all college work (not just transfer hours accepted) from a regionally-accredited college or university. Special attention is given to academic

performance in prior science and math courses and, if applicable, academic performance in any professional program curriculum. Applicants must be in good standing and eligible to return to any institution previously attended. Additionally, if applying to a like program, students transferring from another nursing or allied health program must submit a letter of good standing from the dean or director of that professional program.

8. Submit final official transcripts. The final high school transcript must verify date of high school graduation and the final grade point average. The final college transcript must verify final grades from the semester currently attending.
9. Comply with the citizenship/residency requirement for all applicants. (Refer to the section Citizenship/Residency Requirement).
10. Upon acceptance to Baptist College:
 - Submit a \$100.00 non-refundable enrollment fee.
 - Attend orientation. Dates for orientation will be sent upon acceptance to the College.
 - Submit a background check prior to registration for classes. For more information see the section on Criminal Background Checks on page 16.
 - Submit the student health form provided by Baptist College at orientation. This form requires a list of all previous immunizations.
 - Submit proof of health insurance coverage.

TRANSFERS APPLICANTS (30+ HOURS)

The transfer applicant with 30+ hours of college level credit must:

1. Submit an application for admission with a \$25.00 non-refundable application fee.
2. Submit transcripts from all colleges attended.
3. Earn a cumulative grade point average of 2.70 on a 4.0 scale on all college work (not just transfer hours accepted) from a regionally- accredited college or university. Special attention is given to academic performance in prior science and math courses and, if applicable, academic performance in any professional program curriculum. Applicants must be in good standing and eligible to return to any institution previously attended. Additionally, if applying to a like program, students transferring from another nursing or allied health program must submit a letter of good standing from the dean or director of that professional program.
4. Submit final college transcripts verifying final grades. Admission is contingent upon receipt of final transcripts and grades.
5. Comply with the citizenship/residency requirement for all applicants. (Refer to the section Citizenship/Residency Requirement).
6. Upon acceptance to Baptist College:
 - Submit a \$100.00 non-refundable enrollment fee.
 - Attend orientation. Dates for orientation will be sent upon acceptance to the College.

- Submit a background check prior to registration for classes. For more information see the section on Criminal Background Checks on page 16.
- Submit the student health form provided by Baptist College at orientation. This form requires a list of all previous immunizations.
- Submit proof of health insurance coverage.

CITIZENSHIP/RESIDENCY REQUIREMENT

Applicants to Baptist College must either be a United States citizen or a Permanent Resident. All Baptist College applicants whose native tongue is not English will be required to submit, as part of their admissions requirement, a TOEFL score of 550 or above. For applicants whose native tongue is not English and who have graduated from a U.S. high school, the TOEFL will not be required.

To confirm the countries whose native tongue is English, the following website will be used by Baptist College admissions officers to determine native tongue. Click on the link; select the appropriate country; then select people and society.

<https://www.cia.gov/library/publications/the-world-factbook/index.html>

If an applicant has extenuating circumstances regarding this requirement, a request for review must be submitted to the Dean of Enrollment Management.

The Test of English as a Foreign Language (TOEFL) measures the ability of students whose native tongue is not English as it is spoken, written, and heard in college/university settings. Students who have TOEFL scores over a year old will be required to submit new scores. The TOEFL is provided by the Educational Testing Service (ETS).

EARLY ADMISSION

Students may apply for Early Admission to Baptist College during the junior year in high school and be accepted to begin classes after completion of the junior year.

The student may be planning to take courses during the summer only and return to high school as a senior or may take courses at Baptist College concurrent with the high school senior year.

The requirements for admission are:

- Completion of the junior year of high school.
- Minimum ACT composite of 24 or equivalent SAT.
- Minimum high school GPA of 3.25 (4.0 point scale) in academic subjects. Must include 3 English, 3 math, and 2 laboratory science courses with a grade of "B" (3.0) or better.
- Letter of request from the prospective student outlining the reason for requesting Early Admission.
- Letters of support from parent and high school principal or counselor.

To complete the formal application process to Baptist

College after high school graduation, students who earned college credit at any accredited college while in high school must submit an updated admission application and all credentials after graduation from high school. All Baptist College admissions criteria and requirements must be met. Early Admission students will be eligible for academic scholarships designated for "new" freshmen, once all freshman admissions criteria have been met.

RN-BSN COMPLETION DEGREE PROGRAM

The RN-BSN applicant must:

1. Submit an application for admission with a \$25.00 non-refundable application fee.
2. Graduate from an accredited nursing program with a cumulative grade point average of 2.50 on a 4.0 scale.
3. Submit transcripts from all colleges attended.
4. Earn a cumulative grade point average of 2.50 on a 4.0 scale on all college work (not just transfer hours accepted) from regionally accredited colleges or universities. RN-BSN applicants must be in good standing and eligible to return to institutions previously attended.
5. Submit a final official transcript verifying final grades from the semester currently attending.
6. Hold an active, unencumbered RN license or be eligible to apply for licensure as a registered nurse.
7. Comply with the citizenship/residency requirement for all applicants. (Refer to the section Citizenship/Residency Requirement).
8. Upon acceptance to Baptist College,
 - Submit a \$100.00 non-refundable enrollment fee.
 - Attend orientation. Dates for orientation will be sent upon acceptance to the College.
 - Submit a background check prior to registration for classes. For more information see the section on Criminal Background Checks on page 16.
 - Submit the student health form provided by Baptist College at orientation. This form requires a list of all previous immunizations.
 - Submit proof of health insurance coverage.

RESPIRATORY CARE DEGREE RRT-BHS COMPLETION PROGRAM

The RRT-BHS applicant must:

1. Submit an application for admission with a \$25.00 non-refundable application fee.
2. Graduate from an advanced respiratory care program with a cumulative grade point average of 2.50 on a 4.0 scale.
3. Submit transcripts from all colleges attended.
4. Earn a cumulative grade point average of 2.50 on a 4.0 scale on all college work (not just transfer hours accepted) from regionally accredited colleges or universities. RRT-BHS applicants must be in good

standing and eligible to return to institutions previously attended.

5. Submit a final official transcript verifying final grades from the semester currently attending.
6. Hold an active RRT credential and be currently licensed to practice respiratory care.
7. Comply with the citizenship/residency requirement for all applicants. (Refer to the section Citizenship/Residency Requirement).
8. Upon acceptance to Baptist College:
 - Submit a \$100.00 non-refundable enrollment fee.
 - Attend orientation. Dates for orientation will be sent upon acceptance to the College.
 - Submit a background check prior to registration for classes. For more information see the section on Criminal Background Checks on page 16.
 - Submit the student health form provided by Baptist College at orientation. This form requires a list of all previous immunizations.
 - Submit proof of health insurance coverage.

HEALTH CARE MANAGEMENT PROGRAM

The Health Care Management Program applicant must meet the following admissions requirements:

1. Submit an application for admission with a \$25.00 non-refundable application fee.
2. Submit transcripts from all colleges attended.
3. Earn 60 hours of college credit from a regionally accredited college/university; of the 60 hours, 24 must transfer towards the general education core curriculum.
4. Earn a minimum grade point average 2.50 on 4.0 scale.
5. Complete English Composition I.
6. Demonstrate three years of full time employment or equivalent (experience in health care preferred).
7. Submit resume and complete interview required for admission into the program.
8. Submit a final official transcript verifying final grades from the semester currently attending.
9. Comply with the citizenship/residency requirement for all applicants. (Refer to the section Citizenship/Residency Requirement).
10. Upon acceptance to Baptist College:
 - Submit a \$100.00 non-refundable enrollment deposit.
 - Attend orientation. Dates for orientation will be sent upon acceptance to the College.
 - Submit a background check prior to registration for classes. For more information see the section on Criminal Background Checks on page 16.
 - Submit the student health form provided by Baptist College at orientation. This form requires a list of all previous immunizations.
 - Submit proof of health insurance coverage.

MEDICAL LABORATORY SCIENCE PROGRAM

The Medical Laboratory Science (MLS) applicant must:

1. Submit an application for admission with a \$25.00 non-refundable application fee.
2. Submit transcripts from all colleges attended.
3. Earn 68 hours of approved college credit from a regionally accredited college/university including 32 hours of natural science and chemistry courses with labs prior to enrolling in MLS professional courses.
4. Earn a cumulative grade point average of 2.70 on a 4.0 scale on all college work from regionally accredited colleges or universities. MLS applicants must be in good standing and eligible to return to institutions previously attended.
5. Complete the required interview for admission into the MLS program.
6. Submit final college transcripts verifying final grades. Admission is contingent upon receipt of final transcripts and grades.
7. Comply with the citizenship/residency requirement for all applicants. (Refer to the section Citizenship/Residency Requirement).
8. Meet the MLS program Essential Functions requirements.
9. Upon acceptance to Baptist College:
 - Submit a \$100.00 non-refundable enrollment fee.
 - Attend orientation. Dates for orientation will be sent upon acceptance to Baptist College.
 - Submit a background check prior to registration for classes. For more information see the section on Criminal Background Checks on page 16.
 - Submit the student health form provided by Baptist College at orientation. This form requires a list of all previous immunizations.
 - Submit proof of health insurance coverage.

CREDIT FOR PRIOR LEARNING/EXPERIENTIAL LEARNING

Credit may be granted for prior learning, including learning acquired from previous work experience, non-credit courses, or associated with professional licensure/certification processes.

The awarding of Credit for Prior Learning (CPL) at Baptist College requires that students equate their knowledge or skill to specific Baptist College course outcomes.

For prior learning to be awarded academic credit at Baptist College, the student must develop a *Credit for Prior Learning Portfolio* and petition for a specified number of credit hours, using Baptist College course description and/or syllabi which match the learning experience. Baptist College faculty will be responsible for reviewing the portfolios and determining equivalency of the learning outcomes achieved by prior learning related to specific Baptist College courses.

CPL cannot be used to meet professional program curricular requirements for the degree, unless a pre-approved amount of credit can be earned for possession of a state-recognized professional license, certification, or registration.

The maximum number of credit hours that a student may earn through the CPL process is determined by the individual degree program and approved by the appropriate Baptist College process.

Proper documentation and verification of prior learning are required. Necessary precautions will be taken to ensure that all documents received are authentic.

Students **may not** petition for credit in subjects for which they have already received Baptist College transfer credits.

If a student's portfolio is not approved for the number of credit hours petitioned, the student is responsible for acquiring the additional program requirements.

TRANSFER CREDIT

Baptist College reserves the right to decline transfer credit on any courses submitted. However, the following criteria and process are followed when reviewing previous course work for consideration:

- Only transcripts that are submitted as part of the admissions process will be officially evaluated. Credit for transfer will be considered with an official transcript from a regionally accredited college. Additional material such as the course description, syllabus, outline and/or textbook(s) may be requested in order to assure similar curriculum objectives.
- Credit received from other regionally accredited colleges for specific required courses in General Education must satisfactorily parallel with courses offered by Baptist College. Equivalent courses with grades of "C" or above may be accepted from other regionally accredited colleges. If an equivalent course was repeated at one of the regionally accredited colleges,

only the most recent grade will be considered for transfer credit.

- Earned credit five years old or less for courses equivalent to the following Baptist College courses may be submitted for review: A and P I, II, Microbiology, Chemistry I, II, Pathophysiology and Physics I, II. When the latter courses are considered for fulfilling the requirements of the Baptist College Medical Laboratory Science degree, the time limit for earned credit is seven years. For completion degrees and the Health Care Management program, the five-year limit for earned credit may not apply. All other courses being considered for transfer will be reviewed for credit regardless of age.
- For practicing registered nurses comparable general education courses, completed with a grade of "C" or above (including science courses) taken at an accredited college/university, will be accepted regardless of year completed.
- Earned credit three years old or less in computer science courses may be submitted for review. A computer competency examination is available for students with older course work.
- On a regular basis, the Dean of General Education and Health Studies develops transfer guidelines after having reviewed descriptions of courses offered at nearby regionally accredited colleges; subject matter experts are consulted as needed. The transfer guidelines for these courses are provided to the Registrar's Office, which then applies such guidelines to accept transfer credit from nearby regionally accredited colleges. All general transfer credit courses that have not been reviewed via this process need approval by the appropriate academic dean.
- Program-specific courses completed at other regionally accredited colleges will be reviewed, case-by-case, by the dean/chair of that program for consideration of transfer credit.
- Transfer credit for courses from non-regionally accredited colleges and universities may be considered by the appropriate dean after he/she reviews all materials submitted.
- The academic deans will use the ACE Manual (<http://www2.acenet.edu/militaryguide/CourseSearch.cfm>) in determining transfer credit for military experience on a case-by-case basis.
- Transfer credit appeals must be submitted during the student's first term of attendance.
- Transfer of course/degree credit from Baptist College is determined by the receiving institution.

Procedures:

- Official transcripts are evaluated by the Registrar's Office when applicants meet admission criteria.
- The Registrar's Office approves courses with established transfer credit guidelines from surrounding colleges. The Dean of General Education and Health Studies reviews and approves courses without transfer credit guidelines. Program specific courses

taken from other institutions will be reviewed by the dean/chair of a particular program.

- Approved transfer credit evaluations are provided to applicants electronically (personal email).
- Transfer credits are posted in the student information system when applicants are accepted to Baptist College.
- Applicants/students with inquiries about courses that were not accepted as transfer credit are directed to the "transfer credit appeal" form on the web and provided with instructions on the documentation necessary for the dean to review course content.
- The Registrar's Office notifies applicants/students of the transfer credit appeal decisions via email which includes explanations for denied appeals. If advisors are assigned to students during this time, the respective advisor is copied in the communication.
- As final transcripts are received, transfer credit evaluations are updated and posted in the student information system by the Registrar's Office. Students and advisors are notified to review the degree plan for additional transfer credits accepted into their program.

READMISSION

Once admitted to Baptist College, students are expected to enroll for classes each academic term according to individual progression plans. Students who are not enrolled for more than one academic term will be considered withdrawn and must apply for readmission to Baptist College, unless granted a leave of absence.

Admission to Baptist College, including readmission, is based on space availability and may require participation in a competitive admissions process. Former students may apply for readmission to Baptist College, including students who were academically dismissed or withdrawn for not progressing satisfactorily.

Readmission may be granted based on the following criteria:

- The former student left Baptist College in good standing and is in good standing at any other colleges attended, if applicable, or
- The former student has earned a credential (diploma, certificate, associate degree, or bachelor degree) from an accredited clinical program or regionally accredited college or university, and
- The former student meets the applicable admission criteria.

Students who are administratively dismissed are not eligible for readmission to the College. Students granted readmission will enroll under the policies, procedures, and curriculum in place at the time of readmission.

Readmission application process:

1. Submit a Baptist College admissions application with a \$25.00 non-refundable fee.
2. Clear any previous academic and/or financial obligations.

3. Submit official transcripts from colleges attended since last enrollment at Baptist College.
4. Meet all current admissions criteria. Refer to specific criteria for admission on pages 9-13.
5. Complete a personal interview if requested by Baptist College.
6. Submit a \$100.00 enrollment fee upon readmission to Baptist College.
7. Submit a background check prior to registration for classes. For more information see the section on Criminal Background Checks on page 16.
8. Attend orientation. Dates for orientation will be sent upon acceptance to the College.

Note: Students readmitted in a clinical major will complete a clinical drug screen 30 days prior to entering their clinical courses.

ADVANCED PLACEMENT

Baptist College may accept up to a maximum of 28 semester hours of advanced placement credit. Each course or examination must meet program requirements in order to be accepted. The Registrar's Office will provide information on courses which can be accepted as credit.

The two types of special advanced placement that can be reviewed for credit are as follows:

1. College Entrance Examination Board (CEEB). Credit may be given for advanced placement courses taken in high school with a score of 3 or above. Credit will be given with a grade of "P" (pass), but no quality points will be awarded, nor will the credit be included in calculation of the student's cumulative GPA. A recording fee of \$25.00 per course will be assessed.
2. College Level Exam Program (CLEP). Credit will be given for specific subjects taken through the College Level Examination Program (CLEP) if a score above the 50th percentile is obtained on each specific subject test. Credit earned through CLEP examinations is not included in calculating the student's cumulative GPA. The student will receive a grade of "P" (pass) for the equivalent course when the credit is awarded, but no quality points will be awarded. A recording fee of \$25.00 per course will be assessed.

Credit may also be earned by passing approved in-house examinations, if available, that supports the curriculum of Baptist College. Fees for this type of exam may be charged based upon the type of exam taken.

No advanced placement will be granted for professional courses in the Baptist College programs.

BLUE MOUNTAIN COLLEGE AND BAPTIST COLLEGE OF HEALTH SCIENCES COLLABORATIVE ACADEMIC ARRANGEMENT FOR THE DUAL DEGREE PROGRAM

Dual Degree Programs in Affiliation with Blue Mountain College

Blue Mountain College (BMC) and Baptist College began a cooperative effort in 2012 to provide a joint undergraduate/professional program of study that may lead to students receiving both the Bachelor of Science degree from BMC and either the Bachelor of Health Science (BHS) degree or the Bachelor of Science in Nursing (BSN) from Baptist College. The degrees will be awarded as individual students successfully complete the requirements.

Three years of study at BMC will prepare the student for two years of a professional program at Baptist College. The program allows the student to complete a major in Biology at BMC and the core courses needed for a degree at both institutions. During the last two years of study, specific courses in the chosen field of study at Baptist College will be transferred to BMC, which will enable the student to complete the BMC degree requirements. At the end of five years, with the successful completion of the prescribed course of study and other institutional requirements for graduation, the student will be eligible for a Bachelor of Science degree from Blue Mountain College and a Bachelor of Health Science or a Bachelor of Science in Nursing from Baptist College.

Concentration in Health Care Management

Blue Mountain College (BMC) and Baptist College cooperate to provide a joint undergraduate/professional program of study that will lead to students receiving the Bachelor of Science in Business Administration from Blue Mountain College with a concentration in Health Care Management provided by Baptist College.

AUDITING

Regularly enrolled Baptist College students may audit courses. No academic credit will be awarded to students enrolled on this basis. Students must have the approval of the appropriate dean to audit a course.

Students auditing a course are not required to prepare assignments or papers or take examinations and do not participate in laboratory sessions.

Fees for auditing will be assessed at the rate of \$201.50 per credit hour for all courses. A student may not change from a credit basis to audit or from audit to credit basis after the last day of registration.

SPECIAL (NON-DEGREE) STUDENTS

Students who desire to take one or more courses at Baptist College will be allowed to enroll for such courses on a "space-available" basis and upon approval from the

appropriate dean. Once enrolled, academic advisors will be assigned to special students. Interested students should contact the Admissions Office for a Baptist College admissions application and pertinent information regarding the admissions process.

Special students who intend to enroll as degree-seeking students in a future trimester must complete the admissions process and meet all admission criteria by the stated deadline for that trimester. Once special students have met all admissions criteria and have been admitted into a degree program, credit earned as a special student will be applied toward a degree at Baptist College.

Admissions Process for Special Students

1. Submit a Baptist College admissions application with a \$25.00 non-refundable fee.
2. Submit a high school transcript and evidence of good standing from any college previously attended (transcript or official letter from institution).
3. Submit proof of current health insurance.

CRIMINAL BACKGROUND CHECK

Students in all degree programs must submit to and demonstrate satisfactory completion of a criminal background check as an enrollment requirement to Baptist College. A private company approved by Baptist College will conduct the background check. If the student is enrolled in a professional program, prior to initial placement in a clinical course or internship, a mandatory update must be completed. The cost of the background check will be borne by the student.

The criminal background check will include but is not limited to: Social Security Fraud, Criminal Background, Sex Offender Search, Tennessee Abuse Registry, OIG, Medicare Sanctioned List, Licensure, Certification and Designation.

Each student signs a disclosure acknowledging that results may be shared with clinical agencies. Any convictions that occur after a background screen has been submitted must be reported to the Dean of Student Services. Students who refuse to submit to a background check or refuse to allow Baptist College access to the report will be dismissed from Baptist College and will be ineligible for readmission.

In the event of an adverse action, Baptist College will notify the applicant to make an appointment with the Dean of Student Services to review the results of the background screening. Situations in which a person does not have a satisfactory background check will be reviewed on a case-by-case basis.

Convictions involving the following crimes, but not limited to these crimes, may serve to disqualify a person from being enrolled to the College and if applicable, from participating in required clinical learning experiences:

- Any felony, whether listed below or not;
- Crimes involving drugs, including but not limited to unlawful possession or distribution;

- Crimes of physical violence to include any type of abuse (child, spousal, or of the elderly), abduction, such as kidnapping, manslaughter, murder, robbery, sexual crimes, possession of a restricted fire armor any related weapons offenses, assault and battery;
- Crimes against property, including but not limited to arson, theft of property and merchandise, vandalism, criminal trespass, larceny and burglary;
- Crimes showing dishonesty, including but not limited to fraud, forgery, deception or financial exploitation of any person or employer.

Enrolled Students

In the event of an adverse action that is disclosed at any time during enrollment, Baptist College will notify the student to schedule an appointment with the Provost or designee. The Provost or designee will review the adverse action on a case-by-case basis, with the potential outcome of being dismissed from the College. In addition, if the student enrolled in a professional program is ineligible for clinical placement due to this adverse action, he/she will be dismissed from the professional program.

FINANCIAL AND BUSINESS SERVICES – FINANCIAL INFORMATION

| | | |
|--|--|-----------|
| Leanne Smith Vice President, Financial and Business Services | MLS 420 | \$ 18.00 |
| | RTT 423 | \$ 25.00 |
| | NMT 471 | \$ 25.00 |
| | RAD 454 | \$ 75.00 |
| | RAD 472 | \$ 135.00 |
| | NMT 392, DMS 392, DMS, RAD 390, RTT 392, RCP 303, MLS 300 | \$ 150.00 |
| Business Office | BIO 301 | \$ 10.00 |
| | ALEKS Code (MAT 110) | \$ 34.00 |
| April Tyson Director, Financial & Business Services | Assessment for Prior Learning Credit (per credit hour) | \$ 50.00 |
| | Auditing Fee - All Courses (per credit hour) | \$ 201.50 |
| Jessica Ayers Accountant | CEEB or CLEP (recording fee, per course), plus fee charged by testing organization | \$ 25.00 |
| | Challenge Exams (NSG 304/NSG 306) | \$ 65.00 |
| | \$50 exam fee, \$15 recording fee | \$ 20.00 |
| Financial Aid Office | Computer Competency Examination | \$ 20.00 |
| | CPR fees (RCP 303/RAD 390/DMS 392/NMT 392/RTT 391/RTT 392/NSG 305) | \$ 50.00 |
| Nikola Dennis Financial Aid Officer | Enrollment Fee or Deposit | \$ 100.00 |
| | Graduation Fee - payable when registering for final trimester | \$ 75.00 |
| Carly Schumann Financial Aid Officer | Health Insurance Fee* | \$ 670.00 |
| | Health Services Fee (per trimester) required for all students enrolled in Clinical courses | \$ 105.00 |
| Latrisia A. Wallace Financial Aid Officer | Health Services Fee (per trimester) required for all students not enrolled in Clinical courses | \$ 70.00 |
| FEES & EXPENSES 2014 - 2015 | ID Card or Parking Hang Tag – Replacement (original - no charge) | \$ 10.00 |
| Tuition - All Courses (per credit hour) | Laboratory-based courses, per course | \$ 30.00 |
| Application Fee (all programs) | Late Installment Payment Fee | \$ 25.00 |
| Assessment Fees: | Late Registration Fee** | \$ 100.00 |
| NSG 301 | Online Course Fee (per credit hour) | \$ 25.00 |
| NSG 303 | Parking Fees (per trimester) | \$ 75.00 |
| NSG 304 (Traditional students only) | Lot A (College Lot, 1003 Monroe) | \$ 25.00 |
| NSG 305 | Lot A (College Lot, 1003 Monroe) - residence hall students | \$ 25.00 |
| NSG 306 (Traditional students only) | Lots B, C, & D (Union Ave, Madison/Pauline, Science Bldg), unrestricted parking | \$ 25.00 |
| NSG 321 | Parking Violations (per incident) | \$ 25.00 |
| NSG 331 | Preclinical Drug Testing (NSG 305/NSG 451/ DMS 392/MLS 300/RAD 390/NMT 391/ | \$ 40.00 |
| NSG 335 | NMT 392/RTT 392/RCP 303) | \$ 12.50 |
| NSG 340 | Printing (250 additional pages) | \$ 20.00 |
| NSG 360 | Professional Liability Insurance (annually when enrolled in clinical courses) | \$ 5.00 |
| NSG 410 | Registration Change Fee (drop/add), per | |
| NSG 415 | | |
| NSG 420 | | |
| NSG 442 | | |
| NSG 445 | | |
| NSG 451 | | |
| NSG 461 | | |
| RCP 303 | | |
| RCP 307 | | |
| RCP 312 | | |
| RCP 416 | | |

| | |
|--|----------|
| course dropped or changed | |
| Repeat ATI/HESI Fee | \$ 61.00 |
| Registration Change Fee (drop/change) per course | \$ 5.00 |
| Returned Check Fee (or Credit Card Chargeback Fee) | \$ 25.00 |
| Special Examination Fee | \$ 20.00 |
| Student Activity Fee | \$ 10.00 |
| Technology Fee (per credit hour, all courses) | \$ 35.00 |
| Transcript Fee, per official transcript | \$ 5.00 |

**The Health Insurance Fee is charged if proof of health insurance is not provided prior to the registration date specified in the Academic Calendar each trimester.*

***The Late Registration fee is charged if registration and payment are not completed on or before the registration dates specified in the Academic Calendar.*

HOUSING FEES

| | |
|---|------------|
| Room, double occupancy, <u>if available</u> , per trimester | \$1,100.00 |
| Room, single occupancy, <u>if available</u> , per trimester | \$1,800.00 |
| Food Services (per trimester) | \$ 300.00 |
| Housing Application Fee (non-refundable) | \$ 100.00 |
| Housing Deposit (refundable) | \$ 250.00 |

Details regarding housing assignments are in the **Residence Handbook**.

The room charge will cover Lot A additional parking fee (\$50 per term) and access to laundry facilities.

OTHER COSTS

Professional Liability Insurance

Students in the health professions are required to participate in various clinical learning experiences as a prerequisite to successful completion of programs of study. The clinical facilities where these learning experiences take place will only accept students who are covered by professional liability insurance. Accordingly, Baptist College of Health Sciences has arranged to provide coverage meeting the required coverage standards to all students who are enrolled in clinical courses through Healthcare Providers Service Organization (HPSO). All Baptist College of Health Sciences students enrolled in clinical courses must obtain coverage through HPSO, other personal liability insurance coverage notwithstanding.

The annual premium for this coverage will be \$20 and will be charged with student billing for tuition and fees. All payments must be submitted to the College Business Office.

Miscellaneous Costs

In addition to the expenses noted, the student is also responsible for the cost of books, supplies, uniforms, transportation and meals, as well as health screenings and immunization expenses, assessment fees, criminal

background checks, health insurance and licensing/certification fees.

PAYMENT AND REFUND POLICIES

Baptist College reserves the right to make changes in costs at the beginning of any trimester by publication of the new rates for tuition, fees, and room rent three months in advance of the effective date. Changes in other fees, charges, or policies may be made by an announcement one month in advance of the effective date of the change.

PAYMENT OF TUITION & FEES

All tuition, housing, and other fees must be paid in full during the designated registration days for each trimester before a student will be officially admitted to classes. Payments may be made in cash, check, or debit or credit cards. Payments may be made through installment payments offered to qualified students to help satisfy payment requirements by the appropriate fee payment deadline. A fee will be charged for each late installment payment. Late installment payment(s) are defined payment(s) not received by the specified due date(s) indicated in the payment plan agreement and promissory note. Registration is not complete for financial aid recipients until aid has been awarded and applied to all fees and all debt has been paid in full. Students with delinquent accounts will be denied registration.

Registration is subject to deletion and/or a late registration fee if all tuition, fees, and/or fee payment requirements for enrollment are not satisfied by the appropriate fee payment deadline. The installment payment plan is available to qualified students to help satisfy payment requirements by the appropriate fee payment deadline.

The installment payment plan is reserved for students based on the following:

- Good financial standing (Business Office)
- Good academic standing (Registrar's Office)
- No federal financial aid funds available (Direct Loans included)
- No eligibility for Parent PLUS Loan
- \$250.00 minimum balance

REFUND OF TUITION AND FEES

This policy applies to dropping a course or withdrawing from school:

- A student who withdraws from a course on or before the published registration date for the term in which they are enrolled will receive 100% tuition and course fee refund.
- A student who withdraws from a course after the published registration date for the term in which the student is enrolled through the change/add period specified for the course in which the student is enrolled will receive a **100% tuition refund only**.
- No tuition or fee refund will be processed after the change/add period specified for each course. Course

fees are non-refundable after the published registration date for the term.

- A schedule of specific refund dates for each term will be published on the Baptist College website, distributed to all students via email each trimester and via course syllabi.
- **All fees not related to a course are non-refundable.**
- **All refunds will be processed electronically or mailed.**

Return of Title IV (Federal Financial Aid) Funds:

The Higher Education Amendments of 1998 specifies that financial aid must be earned through class attendance. A student has not earned 100% of his/her financial aid until he/she has attended more than 60% of the term. If a financial aid recipient totally withdraws from school or drops all remaining courses, on or before the 60% point of the term, there is a portion of the financial aid that has not been earned. This unearned portion is repaid by both the student and the school based on a federal formula. The amount each student owes must be calculated based on the date of withdrawal or drop and the amount of financial aid received. Any unearned amounts are to be returned to Title IV financial aid programs in the appropriate order. Any amount remaining after the applicable programs have been fully repaid is returned to the student.

Other Fees:

All other fees are non-refundable.

FINANCIAL AID

Financial Aid is designed to assist qualified students with the cost of their education. Scholarships, grants, work study, and loans are awarded to recipients who meet specific criteria. It is the responsibility of the applicant to comply with all policies regulating any financial aid for which he or she may qualify. Contact the Financial Aid Office for specific guidelines on each financial aid source. **All applicants must complete a Free Application for Federal Student Aid (FAFSA) online at www.fafsa.gov.**

Federal Aid Programs

Pell Grant

A non-repayable award for undergraduate students pursuing a first Bachelor's degree. Awards vary in amount each year and are based on financial need and hours of enrollment. Pell Grant is awarded based on full-time status but will be adjusted and disbursed based on actual hours enrolled. Students receiving full time Pell Grant awards for the fall and spring semesters will have no remaining eligibility for summer.

Supplemental Educational Opportunity Grant (FSEOG)

A non-repayable campus-based award for undergraduate students pursuing a first Bachelor's degree. Awards are made to early applicants who demonstrate the most financial need and have the lowest Expected Family Contribution (EFC).

Direct Subsidized Loan

A variable interest loan available to degree seeking students enrolled at least half-time, based on financial need. The interest rate changes every July 1st and is paid by the government while the students are attending school. Repayment of principal and interest begins 6 months after graduation or enrollment ceases to be at least half-time.

Direct Unsubsidized Loan

A variable interest loan available to degree seeking students enrolled at least half-time, not based on financial need. Eligibility for the subsidized loan must be determined before an unsubsidized loan can be considered. The interest rate changes every July 1st and will be charged from the time the loan is disbursed until it is paid in full. The interest can be paid while the student is still in school. Repayment of principal and interest begins 6 months after graduation or enrollment ceases to be at least half-time.

Direct Parent Loan for Undergraduate Students (PLUS)

This program allows the parent with a good credit history to borrow to pay the cost of education for a dependent undergraduate student enrolled at least half-time. The yearly limit is equal to the student's cost of attendance minus any other financial assistance expected or received. The interest rate is a fixed rate of 7.9%. There is no grace period for these loans, but payments may be deferred until the student graduates or ceases to enroll at least half-time. Interest begins to accumulate at the time the first disbursement is made. Repayment of both principal and interest will begin 60 days after the full loan amount has been disbursed.

More details for these programs are available through the Baptist College Financial Aid Office or online at www.bchs.edu.

Veterans' Benefits

Most programs are approved for Veterans' Benefits. Amounts of benefits vary with eligibility and enrollment status. More information is available through the Registrar's Office.

State Aid Programs

These programs are administered through the Tennessee Student Assistance Corporation (TSAC).

Tennessee Student Assistance Award

A non-repayable fund for financially needy undergraduate students who are residents of Tennessee. Applicants must be enrolled at least half time, at a public or an eligible non-public postsecondary institution in Tennessee. Funds are awarded based on guidelines provided by TSAC.

Tennessee Educational Lottery Scholarship Programs (TELS)

Hope Lottery Scholarship

Awarded to a student in pursuit of an associate or baccalaureate degree at an eligible postsecondary institution that is funded from the net proceeds of the state lottery.

The amount of the award is based on full-time status but will be adjusted and disbursed based on actual hours enrolled.

Hope Aspire

Awarded to a student in pursuit of an associate or baccalaureate degree at an eligible postsecondary institution who qualifies for a Tennessee Hope Scholarship and whose adjusted gross income does not exceed \$36,000. The amount of the award is based on full-time status but will be adjusted and disbursed based on actual hours enrolled.

Hope General Assembly Merit

Awarded to a student in pursuit of an associate or baccalaureate degree at an eligible postsecondary institution who qualifies for a Tennessee Hope Scholarship and demonstrates academic excellence. The amount of the award is based on full-time status but will be adjusted and disbursed based on actual hours enrolled.

Hope Access Grant

Awarded to a student in pursuit of an associate or baccalaureate degree at an eligible postsecondary institution whose adjusted gross income does not exceed \$36,000 per year. In addition to the adjusted gross income limit, a student must be an entering freshman and have at least an unweighted high school GPA of at least 2.75 and at least 18ACT/860SAT score. This grant is non-renewable. If a student meets the HOPE Scholarship renewal criteria, they will be eligible for the Hope Lottery Scholarship during subsequent years of enrollment. The amount of the award is based on full-time status but will be adjusted and disbursed based on actual hours enrolled.

Hope Non-Traditional

Awarded to a student who is 25 years or older and enrolled in an eligible postsecondary institution as an entering freshman or have not been enrolled for at least two (2) years after last attending any postsecondary institution. Students cannot have earned a baccalaureate degree and their adjusted gross income cannot exceed \$36,000 per year. The student must have a minimum cumulative GPA of 2.75 after attempting 12 trimester hours.

Tennessee Promise

The Tennessee Promise is both a scholarship and mentoring program available beginning with the 2015 high school class for graduates pursuing an associate degree. Students must apply online at www.tnpromise.gov for eligibility requirements and deadlines. NOTE: Any information regarding the TN Promise may be subject to change. To learn about any recent changes, please visit www.tnpromise.gov.

More details for these programs are available through the Baptist College Financial Aid Office or online at www.bchs.edu.

STUDENT EMPLOYMENT

Federal Work Study

A need based, federally funded, campus based financial aid award designed to help students defray the costs of

post-secondary education. **THIS AWARD CANNOT BE USED TO MEET REGISTRATION FEES.** Students are paid for hours worked up to the point that cumulative earnings equal the amount of the work study award.

More details for these programs are available through the Baptist College Financial Aid Office or online at www.bchs.edu.

Institutional Work Study

A Baptist College program that provides funding to employ students in various positions on campus. Students must maintain a 2.75 cumulative GPA and be in good academic standing. The application process is handled through the Financial Aid Office.

GRANTS AND SCHOLARSHIPS

Information regarding specific award amounts for all grants and scholarships are available in the Financial Aid Office or online at www.bchs.edu. All applicants must complete a Baptist College Financial Assistance Application and the Free Application for Federal Student Aid (FAFSA) online at www.fafsa.gov.

Anita Vaughn Nursing Scholarship

This scholarship was established to honor Mrs. Anita Vaughn, CEO/Administrator of Baptist Memorial Hospital for Women and Baptist Memorial Hospital School of Nursing Alumna. This award is given annually to nursing students demonstrating financial need.

Allied Health Alumni Scholarships

Established by Allied Health alumni, these scholarships are awarded annually to students based on financial need and professional goals.

Ambassador Council Centennial Scholarship

Established by alumni and friends of Baptist College to commemorate 100 years of educating health care professionals, these scholarships are awarded to first generation college students based on academic achievement, professional goals, personal achievement, and leadership potential.

Baptist Memorial Health Care Foundation Scholarships

Established by the Baptist Memorial Health Care Foundation, these awards may be given to incumbent students or entering freshmen. Selection criteria include academic achievement, professional goals, and community service.

BCEI Scholarship

Established by a gift from the Breast Cancer Eradication Initiative (BCEI), which organizes the Pink Ribbon Open, an LPGA Pro-Am event that takes place in the Memphis area every May. Proceeds from the golf tournament are used to fund breast cancer research, education and treatment.

Carol Paterson Nursing Scholarship

This scholarship was established by Denise Burnett of O.R. Nurses, Inc. in memory of her late business partner, Carol J. Paterson. Ms. Paterson received her training at New York's Mt. Sinai Hospital School of Nursing in 1961, served as a lieutenant in the United States Navy Nurse Corps., and worked at St. Francis Hospital before forming

O.R. Nurses, Inc. in 1988. This award is given annually to a nursing student and is awarded on academic achievement and professional goals.

Charles R. Baker Scholarships

Established by Mr. Charles R. Baker, these scholarships are awarded based on academic achievement, professional goals, personal achievement, and community service. Transfer students are given first priority for these awards.

Christine and Oral Edwards Scholarship

This scholarship was established by a generous donation from Mr. Oral Edwards, longtime friend and benefactor of Baptist College. Mr. Edwards has served on the Board of Directors of Baptist College and Baptist Memorial Health Care System. Selection criteria include academic achievement and professional goals.

Denese Shumaker Nursing Scholarship

This scholarship was established to honor Denese Shumaker for her lifelong contributions to the Baptist Memorial Hospital School of Nursing, Baptist College and Baptist Memorial Health Care system. Criteria for this award include academic and professional achievement, financial needs, and a desire to work within the Baptist Memorial Health Care system.

Diane Rubin Brown Memorial Scholarship

Established in memory of Diane Rubin Brown by her family, friends, and coworkers in recognition of her devotion to the nursing profession and to teaching. Ms. Brown was an associate professor of nursing at the Baptist College from 2002 until her passing in April of 2009.

Don and Lynn Pounds Scholarships

Established by Mr. Donald Pounds, Senior Vice-President and CFO of Baptist Memorial Health Care, these scholarships are awarded annually to entering freshman male students with exceptional academic credentials. Professional goals and community service are also criteria considered in the selection process.

Dr. Ling H. Lee Memorial Scholarship

Established by the Lee family in memory of Dr. Ling H. Lee, who was a noted Radiologist with Baptist Memorial Hospital, this annual scholarship is awarded to a radiological sciences student based on academic merit and financial need.

Elizabeth Farnell Scholarships

Established to honor Ms. Elizabeth Farnell, former Vice-President of Nursing and Administrator of the Baptist Memorial Hospital School of Nursing, these scholarships are awarded to students based on academic achievement, professional goals, and community service. Ms. Farnell made a lifelong commitment to nursing innovation and excellence, and this scholarship continues that commitment.

Ellen Norris Memorial Scholarship

This scholarship was established in memory of Ellen Norris by her family, friends and co-workers in recognition of her devotion to Baptist College of Health Sciences.

Follett Scholarship

Established by the Follett Corporation, this scholarship is awarded annually to a current student based on academic achievement, professional goals, and community service. Follett provides bookstore services on our campus and supplies the funding for this generous academic scholarship.

HealthNet Federal Credit Union Scholarship

This scholarship is funded by HealthNet Federal Credit Union and made available to HealthNet Federal Credit Union members or their relatives.

Gladys Holcomb Nursing Scholarship

This scholarship was established by Colonial Baptist Church in Memphis, TN in memory of long-time church member Gladys Cordle Holcomb.

James R. Maxine Weaver Cox Nursing Scholarship

This award was established from the trust of Mr. James and Maxine Weaver Cox. This award is awarded annually to nursing students demonstrating financial need.

Janieth Faye Grimes Memorial Scholarship

This scholarship was established in memory of Janieth "Faye" Grimes by her family, friends and co-workers in recognition of her devotion to Baptist College.

I.V. Murphree Memorial Scholarship

This scholarship was established by a bequest from Miss I.V. Murphree. Miss Murphree graduated from the Baptist Memorial Hospital School of Nursing in 1935 and was a private duty nurse for more than 50 years. She was the College's oldest living graduate. This scholarship is awarded annually to a nursing student and is awarded on academic achievement and professional goals.

Joseph Powell Scholarships

Established by the Baptist Memorial Health Care Foundation in honor of Joseph Powell, President Emeritus of Baptist Memorial Health Care, these scholarships are awarded to high school students entering Baptist College and are based on academic achievement, professional goals, and community service.

Legacy of Community Service Scholarship

Established by the Baptist system's Community Involvement Department in honor of the College's 100th anniversary and its legacy of student involvement in community outreach. The award is based on financial need.

Lettie Pate Whitehead Foundation Grants

The Lettie Pate Whitehead Foundation is a charitable private foundation dedicated to the support of deserving female students. Multiple awards are granted annually to students who meet criteria established by the Foundation.

Lloyd Barker Memorial Scholarship

This scholarship was established from the estate of Robert F. Allen to honor his brother-in-law, Rev. Lloyd Barker. Rev. Barker served as a chaplain at Baptist Memorial Hospital-Medical Center and taught students at the Baptist Memorial Hospital School of Nursing. This scholarship is awarded to an entering freshman and is based on academic achievement, professional goals, and community service.

Lula Curtis Scott Scholarship

Established in honor of Lula Scott, a retired nursing instructor, this scholarship is awarded annually to a nursing student based on academic achievement and professional goals.

Marilyn Crosby Nursing Scholarship

This scholarship was established to honor Mrs. Marilyn Crosby, a 1959 Baptist Memorial Hospital School of Nursing alumna.

Mary C. Bronstein Scholarship

Established by Memphis internist and cardiologist, Dr. Maury W. Bronstein, in honor of his wife Mary Bronstein. During his 51 years of service with Baptist, Dr. Bronstein established Memphis' first coronary care unit at Baptist Hospital and held many leadership posts, including president of the medical staff, chief of staff and chairman of the Department of Medicine. This award is given annually to a nursing student and is based on academic achievement, professional goals, and financial need.

Mary E. Fuchs Nursing Scholarship

Established by a bequest from the estate of 1938 Baptist Memorial Hospital School of Nursing Alumna, Mary Swann Fuchs, who worked at Baptist Hospital in Memphis for nearly 40 years.

Matthew Hindman Memorial Pediatric Scholarship

Established by Kathy Hindman in memory of her son Matthew Hindman who was born with a rare disorder called Moebius Syndrome. This award is given annually to a student interested in pediatric nursing. The award is based on academic achievement, professional goals, and financial need.

Myra Whitaker Maybee Nursing Scholarship

This scholarship was established in memory of Mrs. Myra Whitaker Maybee by her husband, Mr. Lowell Phillip Maybee. Mrs. Maybee was a graduate of the Baptist Memorial Hospital School of Nursing and spent the majority of her career as an operating room nurse. This scholarship was established to honor her and the career that she cherished. Incumbent students or entering freshmen applying for this scholarship should express an interest in perioperative nursing. Academic achievement, professional goals, and community service are the basis of this award.

Myrtle Dunn Oglesby Memorial Scholarship

The Myrtle Dunn Oglesby Memorial Scholarship was established in memory of Mrs. Myrtle Dunn Oglesby, mother of Dr. Claude Oglesby, well known Ophthalmologist in Memphis, TN.

Nursing Alumni Scholarships

Established by alumni of Baptist Memorial Hospital School of Nursing, these scholarships are awarded annually to students based on financial need and professional goals.

Pauline Faulkner Nursing Scholarship

This scholarship was established by a generous donation from Baptist School of Nursing alumna, Patsy Faulkner Gaw, in memory of her mother Pauline Faulkner. Selection criteria include academic achievement and professional goals.

Robert F. Scates Scholarships

The Robert F. Scates Scholarships were established by a bequest from Mr. Robert F. Scates, Sr., who worked in the health care field for 50 years and was a former vice president at Baptist Memorial Hospital in Memphis. Mr. Scates received a Distinguished Service Award from the Tennessee Hospital Association and served for 10 years as a delegate to the American Hospital Association. He was a life fellow of the American College of Healthcare Executives and a former board member of the Southeastern Hospital Conference. In addition, Mr. Scates was a founding member and former president of Lifeblood, which has been the Memphis community's leading provider of blood to area hospitals since 1974.

Ruby Turrell Scholarship

Established by Ruby Turrell, this scholarship is awarded to a high school student seeking a nursing degree. Academic achievement, professional goals, and community service are the basis of the award.

Sarah & Jim Ainsworth Scholarship

Established by Jim D. Ainsworth, retired BMHCC Vice President, in honor of wife, Sarah Ainsworth, M.Ed. biology instructor at Baptist College. Mrs. Ainsworth came to the College to teach biology in 1997 after teaching at Hernando High School in Hernando, Miss., for 18 years. In the Summer of 2004, she became the first faculty member to retire from the College. This award is granted to Biomedical students demonstrating financial need.

Sherry Rendleman Ross Scholarship

The Sherry Rendleman Ross Scholarship was established by Mr. Fred Ross in memory of his wife Mrs. Sherry Rendleman Ross, a 1967 Baptist Memorial Hospital School of Nursing alumna. Selection criteria includes students having an interest in pediatrics or maternal.

St. Joseph Hospital Scholarships

Established by the Sisters of St. Francis in honor of St. Joseph School of Nursing Alumni, these scholarships are awarded to students seeking a nursing degree. These awards are based on academic achievement, professional goals, community service, and financial need.

Smith & Nephew/Jack Blair Scholarship

Established by Smith & Nephew, N.A., Inc. in honor of Mr. Blair's retirement, this scholarship is awarded to a Baptist College student based on academic achievement, expressed professional goals, community service, and financial need.

Smith & Nephew/Dr. Robert Tooms Scholarship

Established by Smith & Nephew – Memphis in honor of Dr. Robert E. Tooms, a prominent Memphis orthopedic surgeon. In addition to many positions at the University of Tennessee Health Science Center, Dr. Tooms was president of the medical staff at Baptist Memorial Hospital and chief of staff of the Campbell Clinic from 1987-1994 and served on the Baptist College of Health Sciences Board of Directors. This award is given annually to a current nursing student and is based on academic achievement and professional goals.

Susan Ogilvie Thomason Scholarship

Susan Thomason, a 1947 graduate of the Baptist Memorial Hospital School of Nursing, established this scholarship through her desire to encourage students

pursuing their nursing degree. This award will be given to a freshman nursing student meeting all scholarship criteria.

Stephen C. Reynolds Student Leader Scholarship

This scholarship was established in honor of past president and CEO of the Baptist Healthcare System, Stephen C. Reynolds, who retired in May of 2014 after 42 years of service. This award is granted annually to students serving in leadership roles at Baptist College.

United Parcel Service (UPS) Scholarship

This scholarship was established from a generous donation by the United Parcel Service Scholars Program. The UPS Foundation for Independent Higher Education supports scholarships at 655 independent colleges nationwide as well as several National Merit Scholars each year. The donation to Baptist College was made possible through our affiliation with the Tennessee Independent Colleges and Universities Association. Criteria for this award include academic achievement and professional goals.

Virginia Rose Memorial Scholarship

Established in memory of Mrs. Virginia W. Rose by her family and friends in honor of the loving care she received from her intensive care unit nurses at Baptist Memorial Hospital – Memphis.

TUITION DEFERRAL PROGRAM

Based on the workforce needs of the Baptist Corporation, students of Baptist College enrolled in a clinical major may be eligible to apply for participation in the Tuition Deferral Program.

In addition to workforce needs, selection criteria for participation will include such things as the student's academic record and the entrance interview. Students must interview and be selected to participate in this program.

For those students selected, Baptist College will defer clinical tuition. Following graduation and licensure, Baptist Memorial Health Care (BMHC) will hire program participants as full-time employees of a BMHC hospital upon successful completion of the employment process. The agreement specifies that each participant will agree to work for Baptist while earning forgiveness each month of work during this work period. The tuition to be deferred and the corresponding work period may vary by major.

OTHER FINANCIAL ASSISTANCE

Other sources of financial assistance include scholarships awarded by various civic groups and religious organizations. Students should investigate these and other sources in the community for additional financial support.

ACADEMIC INFORMATION & POLICIES

Loredana C. Haeger

Provost/Vice-President of Academic and Student Affairs and Professor

Patricia (Trish) Moss

Administrative Secretary, Provost/Vice President's Office

Carol L. Warren

Dean and Associate Professor, Division of Allied Health

Anne Plumb

Dean and Professor, Division of Nursing

Barry Schultz

Dean and Professor, Division of General Education and Health Studies

Distinguished Faculty 2002

Enrollment Management

Arnold Arredondo

Dean, Enrollment Management

Vacant

Director of Records/Registrar

Miranda Fairley

Academic Records Specialist

A'na Khan

Operations Coordinator, Enrollment Management

Keneshia Reed

Academic Records Evaluator

Center for Academic Excellence

Melissa Surlles

Director, Center for Academic Excellence

Mary Akin-Deko

Supervisor CAE Learning Center
Section 504/ADA Coordinator

Melody Selph

Academic/Career Advisor

Michelle Berry

Library Specialist

Nichelle Mack

Librarian

Tracy McAllister

Instructional Designer/Faculty
Development Coordinator

Student Services

Nancy Reed

Dean, Student Services

Jeremy Wilkes

Director, Student Services and Housing

Kasson Sanborn

Student Activities Officer

Devin Foster

Residence Life Specialist

Caryn Schmitz

College Counselor

Sheri Whitlow

Operations Coordinator, Student Services

DEGREES OFFERED

Baptist College offers programs of study that lead to the following degrees:

- Associate of Science (AS) with a major in Pre-Health Studies
- Bachelor of Science in Nursing (BSN)
- Bachelor of Health Sciences (BHS) with a major in Biomedical Sciences, Diagnostic Medical Sonography, Health Care Management, Medical Radiography, Nuclear Medicine Technology, Medical Laboratory Science, Radiation Therapy, or Respiratory Care

A student may earn one Associate of Science degree, one Bachelor of Science in Nursing degree and one Bachelor of Health Sciences degree. Students seeking more than one major under the Bachelor of Health Sciences degree must meet all requirements for the second and each subsequent major. A minimum of 30 additional semester hours of credit beyond the requirements of the first degree must be completed at Baptist College for the second Bachelor's degree.

Students who receive a second major within a single degree will not be issued an additional diploma; however, the second major will be posted on the academic transcript.

Admission to a second degree or major is based on individual program selection criteria and space availability.

DIRECTED STUDY COURSES

A directed study course is defined as a course that involves a learning contract between a faculty or program and a student for outcome achievement.

Approval of any directed study course will be based upon whether the intended learning outcomes can be achieved through directed study and the availability of College resources to offer the course to an individual student.

A directed study course may be initiated by program faculty as a part of a revised progression plan, according to the Academic Progression, Probation, and Dismissal policy and must be approved by the appropriate dean(s). Up to six (6) hours in directed study may be counted toward graduation. The directed study must be done during a regularly scheduled academic term.

EXPERIMENTAL COURSES

An experimental course is defined as an elective course designed by a faculty member and offered for one trimester on a trial basis. Goals and objectives are clearly defined and delineated in course syllabi.

UNIT OF CREDIT

Baptist College operates on a trimester calendar. One semester hour for credit is earned for various types of learning activities, according to the following table:

| Learning Activity | Clock Hours per Trimester |
|--|---------------------------|
| Classroom | 1:1 |
| General Education and Health Studies Lab | |
| Lower Division | 2:1 |
| Upper Division | 3:1 |
| Allied Health Lab | 3:1 |
| Nursing Lab/Clinicals | 3:6:1 |
| Respiratory Care Clinicals | 4:1 |
| Other Allied Health Clinicals | 6:1 |
| Health Care Management Internship | 3:2:1 |

GRADING

A 4.0 quality-point system is employed at Baptist College. Grades are translated into quality points at the end of each trimester and used to determine the level of proficiency and rate of academic growth which characterizes each student's progress.

The following are the grades with their corresponding quality points:

| | | |
|------------|--------------------------|---------|
| A | Excellent Achievement | 4.0 pts |
| B | Good Achievement | 3.0 pts |
| C | Satisfactory Achievement | 2.0 pts |
| D | Unsatisfactory | 1.0 pts |
| F | Failure | 0.0 pts |
| W* | Withdrew | |
| WP* | Withdrew Passing | |
| WF | Withdrew Failing | 0.0 pts |
| I* | Incomplete | |
| IP* | In Progress | |
| AU* | Audit | |
| P* | Pass | |
| S* | Satisfactory | |
| U* | Unsatisfactory | |
| NR* | Not Recorded | |

*No quality points awarded. Does not impact GPA.

WF For courses offered during a full trimester, this symbol indicates that a student was making

below a "C" when he or she withdrew from a course dropped after the 28th day of the trimester. A "WF" is considered a failure of the course. Any student who withdraws from a course after the 64th day of the term will automatically receive a "WF" for the course. Check Baptist College's Academic Calendar for specific dates.

For all other courses offered during academic terms of varying lengths, please refer to the course syllabus for withdrawal information.

D, F This grade indicates unsatisfactory completion of the course and must be repeated at Baptist College.

The following symbols are approved for use in the cases indicated, but will not be included in determination of the grade point average:

I This symbol indicates that the student, for nonacademic reasons beyond his/her control, was unable to meet the full requirements of the course. All "I" grades must be removed within four weeks from the start of classes in the next trimester. Students with several "I" grades may be required to carry a reduced class load for the following trimester. "I" grades will be changed to "F" if they are not removed on schedule. Courses must then be repeated in order to earn credit.

IP If a student takes a course extending over more than one term and evaluation of performance is deferred until the end of the final term, provisional grades of IP (In Progress) are assigned in the intervening term(s). The provisional grades are replaced by one final grade when the full sequence is completed. Can only be used for HSC 460.

W For courses offered during a full trimester, this symbol indicates that a student withdrew from a course after the sixth day of classes and up to and including the 28th day of classes.

For all other courses offered during academic terms of varying lengths, please refer to the course syllabus for withdrawal information.

WP For courses offered during a full trimester, this symbol indicates that a student was passing with a "C" or better when he or she withdrew from a course dropped after the 28th day of the trimester and up to and including the 64th day of the trimester. Check Baptist College's Academic Calendar for specific dates.

For all other courses offered during academic terms of varying lengths, please refer to the course syllabus for withdrawal information.

AU This symbol indicates that a student was given permission to audit this course. After the last day of registration, students may not transfer from audit to credit or vice versa.

NR This symbol indicates that the grade has not

been recorded.

- P** This symbol indicates that a student was awarded credit by CEEB, CLEP, correspondence course, or approved challenge exam with a "P" (pass) determination. In addition, this symbol is used to indicate that block credit has been awarded for completion degrees once a student has successfully completed the requirements indicated in the individual program policy. No quality points are awarded nor is the credit included in GPA calculations.
- S** This symbol indicates that credit has been given for completion of degree requirements for a clinical course or other designated course.
- U** This symbol indicates unsatisfactory performance in an attempt to complete degree requirements for a clinical course or other designated course.

Each attempt of a course is reflected on the student's transcript.

CUMULATIVE GRADE POINT AVERAGE

A student's cumulative grade point average, based only on the courses attempted at Baptist College, is determined by dividing the quality points by the hours for which the student has registered, excluding courses taken for no credit (AU), repeated courses, those from which the student has officially withdrawn while passing (WP), and those that were completed with the grades of P, S, U, or I. The most recent grade assigned in a course is the grade used in the calculation of grade point average.

GRADE REPORTS

Official grade reports are available via web to each student at the end of every trimester and grades are posted on the student's permanent record within a couple of days after the final examination period. Grades will not be available to students who have a non-approved financial indebtedness to Baptist College.

TRANSCRIPTS

A transcript is a copy of the academic record of all courses for which a student has registered. All transcript requests must be made in writing and should include the student's name, signature, and date of birth. There is a \$5.00 fee for each official transcript. Official transcripts bearing the Baptist College seal and signature of the Registrar are sent only to an employing agency or another educational institution. Unofficial copies of transcripts are available for student use and will be marked "Unofficial Copy Issued to Student." The Registrar's Office cannot issue transcripts from other colleges or institutions. No transcript will be issued for a student who has not met his/her financial obligation to Baptist College.

CLASSIFICATION OF STUDENTS

Full-Time/Part-Time. In order to be classified as full-time, a student must carry at least a 12 credit hour

load during an academic term. Students registering for less than 12 credit hours are considered part-time.

Class Standing. The following hours are used to determine class standing:

| | |
|-----------|------------------------|
| Freshman | 0-29 semester hours |
| Sophomore | 30-59 semester hours |
| Junior | 60-89 semester hours |
| Senior | 90 or > semester hours |

APPLICATION FOR CONSIDERATION OF CHANGE OF MAJOR

Students are expected to declare a major at the time of acceptance to Baptist College.

A change of major at Baptist College is approved on a space available basis and may require participation in a competitive selection process.

Prior to selection and starting a professional program, students should consult their General Education and Health Studies academic advisor regarding the process of requesting a change of major. Once enrolled in a professional program, a student may request a change of major through his or her program advisor and/or Baptist College Registrar.

Students granted a change of major must meet all the requirements of the new program and will be required to adhere to all academic policies and professional standards of the program. Once approved for a change of major, students may not return to the original major without a formal request through the academic advisor. If a change of major is not granted, the student may remain enrolled in the major of record at the time of the request.

If a student has been academically dismissed from a professional program and remains in good standing with Baptist College, the student may request a change of major with the appropriate academic deans after consulting the Academic/Career Advisor or submit a request for the undeclared major. If approved, the student may remain enrolled in Baptist College.

The Registrar's Office will notify the student regarding the outcome of any change of major request. If the change is approved, the student will be notified of his or her new advisor and any additional transfer credit awarded due to the major change.

UNDECLARED MAJOR

For students who are unsuccessful in a professional program or decide they are no longer interested in their current professional program, this major would allow students to continue enrollment at Baptist College while exploring other programs/majors at the College.

ACADEMIC ADVISEMENT

The purpose of the academic advisement program is to provide academic guidance and support throughout the college experience. Once admitted to Baptist College, each student will be assigned to a faculty advisor. An

advisor will guide the student in his/her academic progress until graduation. Students may request a change in advisor by contacting the Registrar's Office.

Students must schedule appointments with their advisors to discuss courses before registration. Office hours for advisement are posted by each individual advisor.

TRIMESTER LOAD

In order to be classified as a full-time student at Baptist College, a student must be enrolled in a minimum of 12 semester hours. Those students wishing to register for 18 credit hours or more in any given trimester must obtain permission from the appropriate academic dean.

WEB RELATED INSTRUCTION

Online courses are offered through Moodle where the faculty member and the students are geographically separated except during specified orientation and testing times. Online courses are offered at Baptist College to provide alternatives for varying learning styles and flexible scheduling so that students can meet their degree requirements. The students will be required to attend class on campus on stated occasions as specified by the instructor.

Blended courses are offered to provide a combination of instructional formats - traditional classroom and online instruction. The classroom time must account for a minimum of one half of the course while up to one-half may be online instruction/learning. Blended courses are designed to cover the stated course objectives and match the amount and depth of the traditional class format. Faculty should clearly articulate the outcomes expected to be completed in both the traditional class time and those in the online learning.

The following are examples for use in blended courses: course syllabi, online assignments, web sites, online journal article links (including PDF files or forms), posted case studies, self-assessment quizzes, discussion boards, announcements and grade book.

Web-assisted courses are courses in which Moodle platform is used to supplement traditional classroom instruction, not to replace it. Any Baptist College faculty member may incorporate web-assisted instruction into their curriculum after participation in a Baptist College training session and with the appropriate approval.

The following are examples for use in web-assisted courses: syllabi, online assignments, websites, online journal article links (including PDF files or forms), posted case studies, self-assessment quizzes, announcements and grade book. Computers in the computer classrooms, classrooms, or any laboratory at the College may not be used to fulfill the requirements of an online or blended course.

Computers in the library may be used during approved hours. Any student repeating a course in which a "WF", "D", or "F" was earned in the first attempt, may not register for an online section of the course without prior approval by his/her advisor, program chair (if applicable), and dean of the division where the course resides.

The Learning Management System grade book is for communicating grades only. The Learning Management System grade book is not the official grade book; the official grade book is maintained by the course instructor and contains the grades of record.

WITHDRAWAL FROM A COURSE

Students must obtain the appropriate signatures within the stated time frame (see Academic Calendar) in order to drop a course without receiving a grade. The second time the student enrolls in the course from which he/she has previously withdrawn, the earned grade will be assigned. A student discontinuing class attendance without completing the process for dropping the course will receive an "F" in the course.

REGISTRATION

An open registration period is scheduled before the beginning of each trimester. A student will be authorized to register only if he or she has met with his or her academic advisor (*see section on Academic Advisement on page 26 on page 29*). Registration for all mini term courses, regardless of session, must be completed by the last day to "change or add a course" as noted on the college calendar. Fees must be collected according to policy before the student may attend classes. A late fee of \$100.00 is assessed for students not completing registration during open registration.

Changes in Registration. All changes in registration after the end of drop/add must have the advisor's signature, a Financial Aid Officer's signature, the Student Accounts Coordinator's signature, and be processed through the Registrar's Office. Students should consult the College's Academic Calendar for dates for adding or dropping classes.

Students wishing to drop a class must formally withdraw from the class by following the procedure outlined by the Registrar's office. Ceasing to attend class does not constitute formal withdrawal. A student discontinuing class attendance without completing the process for withdrawing from the course will receive an "F" in the course.

REQUEST FOR CONSIDERATION OF TAKING COURSE AT ANOTHER COLLEGE/UNIVERSITY

Once students have enrolled at Baptist College, they are required to complete all remaining degree requirements at Baptist College. In special circumstances, students may request that a course requirement be completed elsewhere. In order for those credits to be accepted by Baptist College, permission from the appropriate academic dean must be received prior to enrolling in the course. A form is available in the Registrar's office for requesting such permission. Upon approval, a minimum grade of "C" must be earned and an official transcript received by Baptist College from the approved college by the end of the next academic term for transfer credit to be awarded and recorded on the official transcript. Approval to take a course off-campus applies only to the academic term requested. If the student decides not to take a

course as approved, the approval will become void and cannot be used for subsequent attempts without prior approval. For Health Care Management see page 44.

All courses that are repeated due to earning an unsatisfactory grade must be taken at Baptist College.

ATTENDANCE

Students are expected to be punctual and attend all planned learning experiences, both classroom and clinical. The student has professional accountability for meeting this expectation. Financial Aid eligibility may be affected by nonattendance in all scheduled courses.

Course-specific standards related to attendance are explained in each course syllabus in keeping with the standards and policies of Baptist College. Attendance may be included as a factor in calculating a student's final grade.

Regardless of the reason(s) for absence, the student is responsible for all work covered by the instructor during the absence, including timely submission of assignments. The instructor has the discretion to allow students to make up missed work in circumstances of reasonable absence.

PRESIDENT'S LIST

To be eligible for the President's List, a student must:

- Earn 12 or more credits in one semester
- Have a trimester Grade Point Average of 4.0
- Have no incomplete grades

DEAN'S LIST

To be eligible for the Dean's List, a student must:

- Earn 12 or more credits in one trimester
- Have a trimester Grade Point Average of 3.50 to 3.99.
- Have no incomplete grades

ACADEMIC INTEGRITY

Academic integrity is a commitment, even in the face of adversity, to the five basic values: Honesty, Trust, Fairness, Respect, and Responsibility. Academic communities are able to translate ideals into action by following these principles of behavior. The search for truth and knowledge in an academic community of integrity is advanced by requiring intellectual and personal honesty in learning, teaching, research, and service.

To remain in good standing with Baptist College, students are expected to demonstrate academic honesty, integrity, civility and respect for others. Academic integrity is defined as implicit or explicit behaviors that exemplify honesty and truthful representation of personal academic work. Cheating, lying, and plagiarism are each examples of destructive and unethical behaviors that reflect deception or dishonesty.

The faculty member is responsible for maintaining order in the classroom and providing an environment that is conducive to learning. If a student refuses to practice

honesty and courtesy in the classroom, the instructor may immediately remove the student from the classroom. This may be done permanently or for a brief period of time, at the instructor's discretion. Students demonstrating plagiarism or cheating on any academic or clinical work are subject to disciplinary action up to and including dismissal from Baptist College. A report of any disciplinary action taken will become a part of the student's permanent record.

HONOR CODE

All students are expected to uphold the Honor Code of Baptist College and will be required to electronically accept the Honor Code Pledge during the online registration process.

"In support of the Christian mission of Baptist College, I commit myself to honesty and integrity. I will not cheat, lie or commit plagiarism and I will hold others accountable to these standards."

COMPLETION TIME FOR ACADEMIC STUDY

There is no specific time limit for the completion of undergraduate degrees, but Baptist College reserves the right to review course work that is more than seven years old and any delayed progression plan that will extend the professional phase of the degree beyond one academic year or three trimesters. Furthermore, Baptist College is neither obligated nor committed to continue courses or programs so that students can take more than the normal four or five years to complete a traditional baccalaureate degree program.

ACADEMIC PROGRESSION, PROBATION, AND DISMISSAL

Good Academic Standing

A student is considered in good academic standing at Baptist College as long as the following standards are met:

- A. A Cumulative grade point average (GPA) of 2.0 or better is maintained.
- B. A grade of "C" or better is earned in each professional course of a program. The chair/dean of each degree program will determine the courses that are considered a part of the professional curriculum.

Satisfactory Academic Progression for Early Placement in Nursing

A student who has been admitted with placement in upper division nursing courses, must meet the following criteria to maintain priority progression to the nursing curriculum:

- A. Minimum of a 2.80 cumulative grade point average at the conclusion of all required lower division's course work: 3 trimesters/43 credit hours
- B. Minimum grade of "C" or better in all courses

- C. Completion of "intent to progress" form by posted deadlines.

A student who fails to fulfill these requirements will lose priority placement and will be placed within the competitive pool of applicants for program selection.

Satisfactory Academic Progression in a Professional Program

Satisfactory academic progress in a degree program is achieved as long as the following standards are met:

- A. All professional courses must be completed with a letter grade of at least a "C" before progressing to subsequent professional courses in the degree plan. Each degree program will determine the courses that are considered a part of the professional curriculum.
- B. Course withdrawal during the professional phase of the degree plan will delay progression to subsequent professional courses. Delayed progression plans must be approved by the program chair and/or academic dean for continued progression.

Academic Probation

A student will be placed on academic probation for either of the following circumstances:

- A. A student's cumulative GPA is below 2.0

A student placed on academic probation for failure to achieve a cumulative GPA of 2.0 will be limited to not more than 13 hours for the following trimester.

- B. A student fails a professional course in a program.

In the case of academic probation in a program, the program chair and/or academic dean may develop individual delayed progression plans for the student. These plans will be designed on a case-by-case basis to address identified learning deficiencies specific to that student and provide the best opportunity for successful acquisition of expected graduate competencies. Delayed progression plans may include repeating a course the next time it is regularly scheduled at Baptist College. All revised progression plans will be developed, based upon the individual student's learning needs, professional competencies to be addressed, and the division's available resources to implement the plan.

A student placed on academic probation for failure of a professional course may be restricted in total credit hours attempted the following academic term in the student's delayed progression plan.

Academic probation serves as a notice to the student that his/her continued enrollment in the College or program is subject to the remedy of a GPA below 2.0 or a failing grade in the professional curriculum. Following a course failure in a program, a student's continued enrollment will also be subject to satisfactory performance in all subsequent professional courses in the program.

Students will be advised of their probationary status by letter with the copy distributed to their assigned academic

advisor.

A student on academic probation will be advised to reduce participation in extracurricular activities and off campus work.

Removal of Academic Probation Status

A student placed on academic probation for failure to achieve a cumulative GPA of 2.0 must achieve a cumulative GPA of 2.0 or better within the next 12 credit hours to remove the academic probation.

A student placed on academic probation for failure of a professional course in the degree program must retake and earn a passing grade in the repeated course to remove the academic probation.

Academic Dismissal

- A. Dismissal from Baptist College

A student on academic probation will be allowed 12 credit hours to achieve a cumulative GPA of 2.0 or higher. Any student who does not achieve a cumulative GPA of 2.0 or higher in the 12 credit hours taken while on probation will be academically dismissed from Baptist College.

- B. Program Dismissal

Any student who fails to perform satisfactorily in two professional courses will be academically dismissed from the program. Each degree program will determine the courses that are considered a part of the professional curriculum. Satisfactory performance in nursing courses with a clinical component is defined as both a grade of "C" or better for the theory portion and an "S" for the clinical portion or practicum. Satisfactory performance in allied health courses is defined as a grade of "C" or better for both theory and clinical courses.

Academic dismissal from a program does not mean that the student is dismissed from Baptist College, unless the condition under subsection A (above) exists.

PROGRESSION INTERRUPTION DUE TO MILITARY SERVICE

Students who are absent from Baptist College of Health Sciences (Baptist College) due to required military service may be required to withdraw from enrollment. Such withdrawal will be in good standing, and a refund for that trimester will be made. Any refunds under this policy will adhere to Federal Financial Aid (Title IV) guidelines.

Students who are absent from Baptist College for a limited period of time due to required military service may be allowed to make up any work missed with the approval of the appropriate academic dean. The decision of the Dean regarding make up work or withdrawal will be final.

Students under these guidelines will be allowed to reenroll in the program. Reenrollment must be within three years of the completion of service. Students will meet with the appropriate academic dean to develop new progression plans for their degree.

Students seeking reenrollment under this policy must submit notification of intent to reenroll to the Registrar prior to the term of planned attendance. Notification of intent to reenroll must be submitted to Baptist College no later than three years after completion of the period of service. The cumulative length of all absences from Baptist College for military service may not exceed five years.

Any student seeking reenrollment under this policy will be required to submit a copy of the official military orders requiring military service or a letter from the military units commanding officer delineating the dates of activation and release if the official orders are unavailable at the time of the student's request. This documentation will be made a part of the student's permanent record in the Registrar's Office.

READMISSIONS

Once admitted to Baptist College, students are expected to enroll for classes each academic term unless granted a Leave of Absence. Students who are not enrolled for more than one academic term will be considered withdrawn and must apply for readmissions to Baptist College. See page 15 for readmissions process.

WITHDRAWAL FROM COLLEGE

Students withdrawing from Baptist College for a time exceeding one trimester should obtain a "College Exit Form" from the Registrar's Office. Withdrawing students must confer with their academic advisor, the appropriate dean, the financial aid officer, and other identified college personnel to assure that all necessary procedures and paperwork are completed to meet institutional, state, and federal requirements.

Students in good academic standing who withdraw for a time period exceeding one trimester must apply for re-admission. For more information see readmission procedures on page 15.

LEAVE OF ABSENCE

If a student is performing satisfactory work but for non-academic reasons beyond his/her control, is unable to meet the full requirements of the course/program, he or she may request a Leave of Absence to maintain active enrollment status. Students should contact the Registrar regarding policies and procedures to apply for a Leave of Absence.

RESIDENCY REQUIREMENTS

Residency requirements refer to the required number of credit hours taken while enrolled at Baptist College to qualify for a degree. The minimum number of credit hours required to be taken in residence is defined as:

A. Traditional Baccalaureate Degree Program

Sixty semester hours in residence must be obtained at Baptist College for graduation. The thirty hours immediately preceding graduation must be taken at Baptist College.

B. Associate Degree Program

Thirty semester hours in residence must be obtained at Baptist College for graduation. The fifteen hours immediately preceding graduation must be taken at Baptist College.

C. Accelerated and Completion Degree Programs

Twenty-five percent (25%) of the degree credits must be obtained at Baptist College for graduation.

GRADUATION REQUIREMENTS

The following requirements must be met for a student to be eligible for graduation:

1. Completion of all required course work with a minimum grade of "C" or "S" in each course.
2. Completion of all residency requirements.
3. Completion and submission of a final degree audit in the trimester preceding the anticipated graduation.
4. Completion and submission of a Graduation Application Form and payment of the graduation fee at registration for the trimester of anticipated graduation.
5. Satisfy all financial obligations to Baptist College. Financial arrangements for students on loans must be completed.
6. Completion of Service and Worship requirements.

Graduation Participation Guideline:

Candidates who receive an incomplete grade in NSG445 or RCP416 or who do not complete the Service and Worship requirement will be permitted to participate in graduation; however, the degree is not conferred until the term in which all requirements are met.

Since graduation is an important milestone for students, participation in the graduation ceremony is expected unless written approval is received from the appropriate academic dean.

GRADUATION WITH HONORS

Graduation with Honors is based on the final cumulative grade point average on courses earned at Baptist College and indicates a consistently high level of scholastic achievement. Honors status is awarded according to the following established cumulative grade point averages:

| | |
|-------------|-----------------|
| 3.50 - 3.66 | Cum Laude |
| 3.67 - 3.83 | Magna Cum Laude |
| 3.84 - 4.00 | Summa Cum Laude |

SERVICE AND WORSHIP

Service and Worship (formerly known as Student Life and College Service/SLCS) provides a structured co-curricular program to facilitate participation in the mission and Christian heritage of Baptist College. It is a shared experience that encourages the development of well-rounded, spiritually sensitive students. All students, except those in completion programs, Health Care Management, Medical Laboratory Science and Associate Degree students will be required to participate in events selected by the student whose total points equal 100. Students in RN-BSN, Health Care Management program, or Medical Laboratory Science, or Associate degree will

be required to participate in events selected by the student whose total points equal 30; Associate degree students will be required to participate in events totaling the outline below:

| Program | Points |
|--|---------------|
| Pre-Health Studies (<i>Associate</i>) | 50 |
| Health Care Management | 30 |
| RN-BSN, Completion | 30 |
| Registered Respiratory Therapist, Completion | 30 |
| Medical Laboratory Science (<i>students enrolled prior to Fall 2015</i>) | 30 |
| Medical Laboratory Science (<i>students entering Fall 2015</i>) | 40 |

| Event | Points |
|-----------------------------------|---------------|
| Mission Trip | 20 |
| College Sponsored Student Retreat | 20 |
| | |
| Local Mission Projects | 15 |
| Convocations | 15 |
| Spiritual Renewal Week Events | 15 |
| | |
| Chapels | 10 |
| Concerts | 10 |

REQUEST FOR CHANGE IN FINAL EXAM TIME

Final examinations are expected of students in all courses. Students who have three (3) exams in one day or other extenuating circumstances may request that a final examination time be changed. The form to request a change in an examination time can be obtained in the Registrar's Office. The completed form must be submitted to the appropriate academic dean at least one week prior to the beginning date of final examinations. If approved, a special exam fee will be assessed.

CENTER FOR ACADEMIC EXCELLENCE (CAE)

The CAE includes the Learning Center, Health Sciences Library, Academic/Career Advising and Testing Center.

THE LEARNING CENTER (LC)

Science Building Room 102
22 N. Pauline Street

The Learning Center provides students with the extra assistance necessary for academic success through the use of software programs, textbooks, models, simulation, on-line tutoring and a student tutoring program.

Learning Center Staffed Operating Hours

| | |
|-------------------|------------------------|
| Monday - Thursday | 8:00 a.m. - 7:00 p.m. |
| Friday | 8:00 a.m. - 3:00 p.m. |
| Saturday | 10:00 a.m. - 4:00 p.m. |
| Sunday | CLOSED |

Unstaffed Hours

Badge access during regular building hours.
Hours are subject to change.

These hours are subject to change. For additional information contact the CAE at 901-572-2570.

THE HEALTH SCIENCES LIBRARY

The Health Sciences Library, a part of the Center for Academic Excellence (CAE), is located on the ground floor of the College. The library serves as the primary library for students, faculty and staff, and supports both general education and professional studies. The College library resources include books, journals, audio-visuals, and online resources including Medline and the Cumulative Index of Nursing & Allied Health Literature (CINAHL) for searching the professional literature. The catalog of library holdings is also online. These resources have links posted on the College library website and MyBCHS. Students enrolled in one or more credit courses have borrowing privileges with the presentation of a student I.D. card. Professional books may be checked out for a period of two weeks. Reference books are not circulated and may not be checked out.

Off campus access to online resources presently requires ID's and passwords. These are available on MyBCHS, the College website (Library section) and emailed to all college students, faculty and staff.

To avoid delays with registration, grades or transcript requests, you need to ensure that; you have no overdue fines/materials. Routine fines for overdue books are 15 cents/day.

Staffed Operating Hours:

| | |
|-------------------|------------------------|
| Monday - Thursday | 7:30 a.m. - 10:30 p.m. |
| Friday | 7:30 a.m. - 6:00 p.m. |
| Sunday | 1:00 p.m. - 6:00 p.m. |

The Library is closed on College holidays; and during the break between trimesters, the library is open 7:30 a.m. to 4:30 p.m., Monday through Friday.

Memphis Public Library requires a fee for out of town users' library card. The Health Sciences Library will reimburse students for the fee on proof of payment.

DIVISION OF GENERAL EDUCATION AND HEALTH STUDIES

Administration

Barry Schultz

Dean and Professor
Distinguished Faculty 2002

Kendricks Hooker

Chair and Associate Professor, Biomedical Sciences

Michelle McDonald

Chair, General Education and Assistant Professor,
Biology
Distinguished Faculty 2015

David Rosenthal

Chair and Associate Professor, Health Care Management

Patty Liddell

Science Laboratories Supervisor

Vacant

Academic Operations Coordinator

Faculty

Michelle Alexander

Assistant Professor, Biology

Charity Brannen

Assistant Professor, Chemistry

Christopher L. Church

Professor, Philosophy & Religion
Distinguished Faculty 2007

Lee Danley

Assistant Professor, Health Care Management

Roger D. Duke

Assistant Professor, Communication & Religion

Gregory Freeman

Associate Professor, Mathematics

Janet Heath

Professor, Mathematics

Lisa J. Hight

Professor, Biology
Distinguished Faculty 2010

Abby Johnston

Instructor, Sociology

Mary Gwynne Millione

Professor, English

Lilian Ogari

Assistant Professor, Biology

Hurley Shepherd

Lab Instructor, Biology

Robert Strausser

Assistant Professor, Psychology

Lucia Vanderpool

Associate Professor, Computer Science

Patricia Ann Waggener

Associate Professor, English

Joseph Weingarten

Professor, Health Care Management

GENERAL EDUCATION AND HEALTH STUDIES MISSION

The General Education mission is to provide students with a strong foundation in the arts and sciences to prepare them with the intellectual, social, and spiritual values needed to succeed in the health care profession. General Education courses focus on students developing skills in critical thinking, scientific inquiry, communication, and ethics.

OUTCOMES

Upon completion of their course of study, students will be able to:

- Communicate effectively in writing.
- Communicate effectively orally.
- Critically think.
- Conduct quantitative reasoning.
- Reason about right and wrong human conduct.
- Reason about spiritual dimensions of life in relation to Christian values.
- Comprehend and analyze issues as they are shaped and influenced by cultural diversity.

GENERAL EDUCATION CORE COURSES (30 HOURS)

The purpose of the General Education Core of Baptist College is to create a common curriculum that supports the mission of the College and educates well-rounded students capable of intellectual discourse. The courses that meet these criteria are selected by the faculty of the College.

Humanities/Fine Arts (18 hours)

| | |
|---|---|
| English Composition I - ENG 101 | 3 |
| English Composition II - ENG 102 | 3 |
| Literature - ENG 201, 202, 203, or 204 | 3 |
| Philosophy* - PHI 201, 202, or 301 | 3 |
| Religion - REL 201, 210, 220, 301, or 302 | 3 |
| Communication - SPE 211 or COM 220 | 3 |

Social/Behavior Sciences (6 hours)

| | |
|--|---|
| General Psychology - PSY 201 | 3 |
| Introduction to Medical Sociology* - SOC 201 | 3 |

Natural Sciences/Mathematics (6 hours)

| | |
|---|---|
| Natural Sciences* - BIO 110, 201, CHE 115 or PHY 305 | 3 |
| Mathematics - MAT 110 or MAT 240 | 3 |

* Non-traditional programs, which often accept a majority of the general education course work as transfer credit, may substitute with other courses from within that particular principal area of knowledge (Humanities/Fine Arts, Social/Behavior Sciences, or Natural Sciences/Mathematics). These programs include Medical Laboratory Sciences, Health Care Management, and RN-BSN.

BAPTIST COLLEGE REQUIRED COURSES (4 HOURS)

HSC 104 Baptist College Experience (1 hour) and HSC 301 U.S. Health Care Systems/HCM 470 US Health Care Systems and the Health Economy (3 hours) are required by all traditional programs. These courses are optional for the Medical Laboratory Sciences, Health Care Management, and RN-BSN programs.

Baptist College Required Courses (4 hours)

| | |
|---|---|
| Baptist Experience - HSC 104 | 1 |
| U.S. Health Care Systems - HSC 301/HCM 470 | 3 |
| U.S. Health Care Systems and the Health Economy | |

GENERAL EDUCATION AND HEALTH STUDIES COURSE DESCRIPTIONS

BIO 110 General Biology I (4)

This is an introduction to general biological principles. Topics will include evolution, cell chemistry, cell structure and function, metabolism, cellular reproduction, and genetics. Three hours lecture, two hours lab per week.

BIO 120 General Biology II (4)

A study of biodiversity, plant and animal systems and ecology. Three hours lecture, two hours lab per week. *Prerequisite: BIO 110.*

BIO 201 Anatomy and Physiology I (4)

The study of the structure and function of cells, tissues, organs, and systems of the human body including but not limited to the chemistry of living organisms, skeletal, muscular, nervous, and integumentary systems. Three hours lecture, two hours lab per week.

BIO 202 Anatomy and Physiology II (4)

The study of the structure and function of systems in the human body with emphasis on the digestive, respiratory, cardiovascular, urinary, endocrine, reproductive, and immune systems. Three hours lecture, two hours lab per week. *Prerequisite: BIO 201.*

BIO 205 Microbiology (4)

The study of the biology of micro-organisms and their significance to human health with emphasis on microbial structure and function, pathogenicity, control, and chemotherapeutic agents. Three hours lecture, two hours lab per week.

BIO 301 Pathophysiology (3)

The physiologic pathology of selected diseases and dysfunctions observed in humans. Development of a knowledge base of current concepts and common conditions observed in health care settings. *Prerequisites: BIO 201, BIO 202.*

BIO 310 Applied Pathophysiology (3)

A focus on the underlying principles common to disease processes. This course expands on how alterations of structure and function disrupt the human body as a whole. The course offers students the opportunity to observe various physiological changes of the body and how they manifest impact on various systems by incorporating simulation. *Prerequisites: BIO 201, BIO 202.*

BIO 315 Applied and Environmental Microbiology (3)

A study of the use of microbes in food production, cause and prevention of food spoilage, and foodborne illnesses. Microbes in their natural environment and how their activities affect the environment, soil and soilborne illnesses, water treatment and waterborne illnesses, and usage in biological warfare will be discussed. *Prerequisite: BIO 205.*

BIO 320 Cross Sectional Anatomy (2)

This course is designed to teach anatomy recognition via diagrams and human sections using imaging modalities such as CT, MR, PET and sonography. The focus of the course will be the major systems of the body with an

emphasis on anatomical relationships and pathological changes. The content serves as a foundation for further study within the imaging modalities. *Prerequisites: BIO 201, BIO 202.*

BIO 340 Histology (4)

A study that focuses on the branch of anatomy that deals with structure, composition, design, and function of body tissues as it relates to the principles of human physiology. Examination of microscopic cell structure as it correlates with tissue composition and organ function will be discussed. Three hours of lecture, three hours of lab per week. *Prerequisites: BIO 201, BIO 202.*

BIO 350 Genetics (3)

This is a study of the fundamental principles of heredity including the molecular mechanisms by which cellular processes impact eukaryotic cells. Topics include introduction to molecular genetic techniques and genomics, in depth study of structures and chromosomes, the regulation of gene expression, and abnormal regulatory processes that lead to disease. *Prerequisites: BIO 110, BIO 120.*

BIO 360 Applied Anatomy and Physiology (3)

This course builds on the concepts of Anatomy and Physiology I and II using Human Patient Simulators and case study analysis as the principal methodologies. Learning will focus on multi-system interactions which will apply how the body systems impact each other and how they perform when disease is present. The knowledge of the functions of each system will be applied to understanding how body processes occur. *Prerequisites: BIO 201, BIO 202.*

BIO 370 Infectious Diseases (2)

An introduction to the concepts of infection, disease process, immune responses, and epidemiology. Focusing on bacteria, viruses, protozoa, and other agents responsible for major emerging and re-emerging infectious diseases affecting the world population in the 21st century. *Prerequisite: BIO 201 or a college level biology course.*

BIO 390 Immunology (3)

This course presents an overview of all major aspects of the field of immunology. This branch of science deals with the innate and adaptive mechanisms the body uses to fight infectious disease and prevent its recurrence. It also covers recognition of foreign or altered cells unrelated to microorganisms such as cells or organs received during transplantation. This course will cover the cells involved, their site production, how they proliferate and respond to foreign antigens. The proteins produced by cells in response to infection and the chemical signals that affect their production are also covered. Some other topic areas included are transplantation serology, hypersensitivity and allergies, hereditary and acquired autoimmune disorders, and vaccines. *Prerequisite: BIO 205 or permission of the instructor.*

BIO 401-404 Special Topics in Biology (1-4)

Study of selected topics or current issues in Biology. Provides student an opportunity to explore various topics in Biology with greater detail. Course may be repeated with permission from Chair. *Prerequisite: Faculty deter-*

mine appropriate prerequisite/corequisite for each topic.

BIO 410 Molecular Cell Biology (4)

To prepare students with advanced knowledge of molecular biology as it pertains to human health, disease and treatment. *Prerequisite: BIO 205, CHE 220.*

BIO460 Cancer Biology (3)

Focuses on the cell physiology and genetics involved in the process of cell transformation. Other topics included the mechanics of cell growth and division when altered, and the interactions between tumors and their host. *Prerequisite: BIO 350; Corequisite of BIO 350 with permission from the instructor.*

CHE 115 General Chemistry I (4)

A study of basic concepts in general chemistry with an emphasis on gas laws and nuclear processes. Other topics include composition and structure of matter, chemical reactions, bonding, solution chemistry, kinetics, thermodynamics, equilibrium, acids and bases, electro-chemistry, and classification of organic compounds. Three hours of lecture, two hours of laboratory per week. *Prerequisite: MAT 110.*

CHE 125 General Chemistry II (4)

A study of kinetics, thermodynamics, equilibrium, free energy, electrochemistry, and transition elements. Intermolecular forces, molecular geometry, properties of mixtures and compounds, and organic compounds will be discussed. Three hours of lecture, two hours of laboratory per week. *Prerequisite: CHE 115.*

CHE 210 Organic Chemistry I (4)

A study of the fundamental types of organic compounds and the properties, reactions, mechanisms, and syntheses of those carbon compounds. Other topics include stereochemistry and theory behind analysis techniques. Three hours of lecture, three hours of laboratory per week. *Prerequisite: CHE 115 and CHE 125.*

CHE 220 Organic Chemistry II (4)

A study of common organic functional groups and their chemistry. Lipids, amino acids, proteins, and synthetic polymers along with classical organic laboratory techniques such as syntheses, separation, and purification of compounds will be discussed. Three hours of lecture, three hours of laboratory per week. *Prerequisites: CHE 115, CHE 125, and CHE 210.*

CHE 310 Biochemistry (4)

The study of the structure and function of the major classes of macromolecules including lipids, proteins and carbohydrates. Enzymatic mechanisms, cell signaling, immunology and the current biochemical techniques for isolating nucleic acids, cloning and protein studies will be covered. Three hours lecture, three hours laboratory per week. *Prerequisites: CHE 115, CHE 125, and CHE 210.*

CHE 330 Molecular Pharmacology (3)

A study of the cellular and molecular mechanisms of drug actions with emphasis on target receptors and signaling pathways. Other topics will include pharmacodynamics, pharmacokinetics, drug metabolism, drug delivery, and drug discovery and design. *Prerequisite: CHE 220 and BIO 301, suggested after CHE 310.*

CIS 101 Introduction to Computer Concepts (3)

A study of computer concepts, terms, ethics and the use of the Internet and computer software including word processing, spreadsheets, graphics, and relational databases.

COM 220 Intercultural Communication (3)

Develops and enhances interpersonal communication skills and the abilities appropriate for a multicultural society. Emphasizes understanding diversity within and across cultures. Covers relevant concepts and practices concerning the self, perception, communication ethics, language, verbal/nonverbal communication, and presentation skills.

ENG 101 English Composition I (3)

Principles of composition with emphasis on analysis of various expository rhetorical modes and production of essays which exhibit effective content, organization, and style. Development of editing and critical thinking skills.

ENG 102 English Composition II (3)

Principles of composition with emphasis on analysis and argumentation, including development of library skills, research methodology, synthesis of ideas, and appropriate documentation of source material as applied to the formal research paper. *Prerequisite: ENG 101.*

ENG 103 Writing for the Health Care Profession (1)

This course introduces students to writing for the health care profession, the organization of scientific papers, and the basics of American Psychological Association (APA) documentation. *Prerequisite: ENG 102.*

ENG 201 Perspectives in World Literature (3)

Selected readings providing a survey of major authors and literary works which have greatly influenced the development of Western civilization. Explores the relationship between literary works and their historical context. *Prerequisite: ENG 101.*

ENG 202 Perspectives in American Literature (3)

Selected readings provide a survey of major authors and literary works that have greatly influenced the development of American civilization. Explores the relationship between literary works and their historical context. *Prerequisite: ENG 101.*

ENG 203 Literature and Medicine (3)

An interdisciplinary course which uses fiction, drama, poetry, film, essays, and non-fictional works to explore medical issues dealing with illness and health. It offers a forum to explore human needs, across times and cultures, related to illness, death, and the human condition in general. Students are expected to gain greater understanding of the patient experience and gain greater self knowledge of the role they play in it. *Prerequisite: ENG 101*

ENG 204 Multi-cultural American Literature (3)

Studies commonalities and differences across social, cultural, and ethnic American communities as portrayed through late 20th century American literature. Examines how understanding various communities' cultural and social characteristics may help health care members provide more competent care. *Prerequisite: ENG 101.*

HCM301 Financial Accounting (3)

An introduction to accounting principles and procedures with preparation and interpretation of financial statements and management's use of accounting data.

HCM305 Principles of Health Care Management & Leadership (3)

Examines foundational management principles, including assessment, planning, organizational design & structure, and market assessment. Health Care as an industry is explored in addition to classical and current views of leadership. Provides a foundation in theories and models of leadership. Allows students to assess their own leadership style.

HCM325 Health Care Marketing (3)

Examines approaches, strategies, and tactics of marketing and their application to the health care industry. Key areas of marketing include strategic market planning, the external marketing environment, buyer behavior, market segmentation, product/service development, pricing, and brand management and communication. Special emphasis is placed on the role of marketing in value creation as well as the importance of socially responsible marketing practices in an organization.

HCM330 Human Resource Management (3)

Examines job analysis, design, description, and evaluation; wage and salary administration; recruitment and selection; personnel testing; assessing employee performance; training and development; and employee discipline.

HCM340 Organizational Communication for Health Care Managers (2)

Provides a foundation for professional writing and interpersonal communication within contemporary health care organizations. Standard formats of documentation to prevent plagiarism are reviewed with an overview on preparation of reports, correspondence memoranda, technological communication and executive summaries in the health care environment.

HCM350 Organizational Behavior and Development (3)

Provides an interdisciplinary analysis of the relationship of groups and individuals within organizations utilizing theoretical concepts from psychology, sociology, philosophy, and communication. Introduces the concepts of organizational development (OD) and process of change management through techniques such as process consultation, conflict resolution, and feedback.

HCM360 Quality Improvement in Health Care (3)

Provides the health care manager with tools needed to develop and implement quality measures and outcomes in the health care organization. Emphasis on basic quality improvement techniques.

HCM370 Health Care Finance (3)

Legal forms of American business policy, methods, and organization involved in financing business with emphasis on health care. Principle concepts include corporation, cash flow, securities, expansion, time value, and acquisitions.

HCM395 Internship (3)

Supervised fieldwork experience concluding with the development of a portfolio documenting the effective use

of qualitative and quantitative methods to evaluate their fieldwork experiences. *Must have consent of chair before registering for the course.*

HCM425 Health Administration Information Systems (3)

Understanding of information needs of management and information technology used by variety of businesses, including the health care environment. Topics include strategies and methodologies, decision support systems, and total quality management. *Prerequisite: CIS 101.*

HCM440 Legal Environment of Health Care (3)

Introduction to legal and health policy making systems for healthcare. Examines ethical dilemmas that commonly appear in contemporary healthcare situations. Explains issues around governance, organizational structure, contracts and reimbursement. Introduces regulatory, accreditation and professional association's oversight. Explores the role of diversity in organizations and need for cultural competence throughout organizations.

HCM442 Managerial Epidemiology, Population Health, and Health Policy (3)

Analyze the potential impact of diseases at the community level. Utilize epidemiological methods for extracting clinical information and interpret when such outcomes should lead to management decisions and/or health policy changes that support reallocation of resources for improved efficiency and effectiveness of a unit, an organization, or society as a whole.

HCM445 Health Care Research and Statistical Analysis for Decision Making (3)

Prepares the student to evaluate components of the research process utilizing statistical analysis. Includes introduction to computer applications using statistical packages, basic research methodology, and literature reviews.

HCM450 Strategic Management (3)

Provides the student with the knowledge and skills necessary to develop, implement, and evaluate an organizational strategic plan, including business/corporate unit strategies.

HCM470 US Health Care Systems and the Health Economy (3)

The study of economic issues arising from the unique nature of health care. Topics include the current health care environment, the economic underpinnings of the healthcare delivery system, and the importance of economics in healthcare decisions. The topic of how regulatory agencies, governmental bodies and public policy influences the economy of healthcare will also be addressed.

HCM475 Operations Management in Health Care (3)

Introduction to operations function within manufacturing and health care services. Emphasis on continuous improvement of systems for producing goods and services, including demand forecasting, managing capacity, and queuing systems.

HCM495 Capstone Directed Study Intensive (3)

Capstone completion allows students to demonstrate competencies learned throughout the curriculum. Students perform a project plan to organize, coordinate, and present a project that addresses a contemporary issue

that affects managers in health services. The course has experiential, research, quality, and synthesis components. Students may opt to analyze solutions to issues based on experiences encountered through work, internship, simulated cases, or described in directed readings.

HIS 101 World Civilization (3)

A study of social, economic, political, cultural, and technological development within major world civilizations.

HIS 102 American History (3)

A study of the political, cultural, social, and economic development of the United States.

HPE 101 Health and Wellness (1)

Overview of theory and application of principles related to developing an individualized approach to prevention of disease through wellness lifestyle choices. Areas of wellness include social, psychological, physical, spiritual, and emotional aspects of life.

HPE 104 Aerobics (1)

HPE 105 Swimming (1)

HPE 108 Basic Strength Fitness (1)

Course is designed for men and women. Instruction in correct use of weight training equipment for warm-up exercises, circuit training, and individualized training. The course will include exercises/programs for strengthening, toning, and firming up muscles. The emphasis of this class will be on overall physical fitness through an individualized daily exercise program focusing on strength, endurance, and flexibility. This is *not* a power-lifting or body building course.

HPE 109 Physical Activities (1)

Students will engage in a variety of physical activities to promote and encourage fitness and health. Activities will involve both group and individual participation.

HSC 104 Baptist College Experience (1)

Assist students in the transition to academic life at Baptist College. Focuses on their personal and academic growth and development, Ensures they have knowledge of College resources and are introduced to roles and responsibilities of the Baptist College Healthcare Team.

HSC204 Spiritual Life and College Service (1)

The Spiritual Life and College Service (SLCS) course provides a structured co-curricular program to facilitate participation in the mission, purpose, and Christian heritage of Baptist College. It is a shared experience that encourages the development of well-rounded, spiritually sensitive students who are involved in college life. All students, except completion and Health Care Management program students, will be required to participate in ten events during their enrollment, selected from a schedule provided at the beginning of each trimester. Completion and Health Care Management program students will be required to participate in one event each term of attendance. Registration for this course and the awarding of credit will occur during the trimester of graduation.

HSC 210 Career Planning in Health Sciences (1)

An overview of careers in the health care field. Introduces necessary knowledge for beginning career planning in health sciences. *Prerequisite: Must be a sophomore level student.*

HSC 301 U.S. Health Care Systems (3)

The study of economic and financial issues arising from the unique nature of health care. Topics include the role of government in health care, legal and regulatory issues unique to health care, reimbursement and reform issues, quality improvement initiatives, and the impact of a dynamic health care system on patients, payers and providers including nursing and allied health professionals. Health care costs and outcomes in the United States are contrasted with those of other industrialized countries.

HSC 320 Research for Health Professionals (3)

Prepares the student to evaluate components of the research process utilizing statistical analysis. Includes introduction to computer applications using statistical packages, basic research methodology, and literature reviews.

HSC 350 Perspectives in Epidemiology (3)

An introduction to the basic concepts, principles and methods of epidemiologic research and analysis, including outbreak investigations and the role of epidemiology in public health. The course will include a focus on how social interactions, past and present, yield differences in health outcomes between persons within a population. *Prerequisites: ENG 101, MAT 211, SOC 201*

HSC 360 Interdisciplinary Seminar (1)

Students will explore in greater depth and breadth a "topic of interest" which relates to their selected courses within the Interdisciplinary Minor. Working with a faculty mentor, students will learn the fundamentals of scientific writing and research as they prepare a "publication ready" research paper. A required course for the Interdisciplinary Studies Minor. *Prerequisite: completion of at least 9 hours in the minor.*

HSC 410 Interprofessional Health Care Experiences (3)

Exposes students to field experiences in their chosen biomedical or health care setting. Guided/supervised work experiences will enable students to link practical application with previously or concurrently studied theory. The opportunity provided will assist students in meeting individual goals while earning credit toward their degree and adding valuable professional experience to their resume/transcript. *Prerequisite: Must be a senior level student.*

HSC 460 Independent Research (1)

This course enhances student-directed learning by providing independent research opportunities. Students will initiate and complete an independent project in consultation with a faculty mentor. Course may be repeated with permission of the Chair. *Prerequisite: Permission of the Chair.*

MAT 110 College Algebra (3)

The study of basic algebraic skills, principles, and applications. Includes equations in two variables, relations/functions with graphing techniques, and theory of

polynomial equations.

MAT 211 Statistics (3)

A study of descriptive statistics with an introduction to inferential statistics. Topics include data organization, measures of central tendency and dispersion, probability, normal distributions, hypothesis testing, correlations, and analysis of variance.

MAT 230 Advanced Statistics (3)

A study of descriptive statistics with an introduction to advanced inferential statistics. Topics include data organization, measures of central tendency and variance, and advanced hypothesis testing. Advanced topics include: two-way ANOVA, multiple linear regression, ANCOVA, advanced correlation for quantitative and categorical variables, two/three-sample cases for chi-square tests and other nonparametric tests. *Prerequisite: MAT 211*

MAT 240 Elements of Calculus (3)

Introductory study of selected topics of calculus, including limits, differential and integral calculus, and their applications. *Prerequisite: MAT 110 or ACT mathematics score of 22 or higher.*

MUS 101 College Chorus (1)

Performance choir, with enrollment by audition. Focus on a variety of musical styles, with emphasis on the development of basic musicianship, group performance, rehearsal and performance discipline, and development of vocal ability. *Continued participation is possible with no fee.*

MUS 102 College Chorus (1)

MUS 103 College Chorus (1)

MUS 104 College Chorus (1)

NUT 101 Fundamentals of Nutrition (3)

A study of basic principles of human nutrition with emphasis on nutrients, food sources and their function in the body, and human nutrition requirements throughout various phases of the life cycle.

PHI 201 Classical Issues in Philosophy (3)

Introduction to philosophical thought focused on the emergence of philosophical inquiry and on philosophical problems in exploring the meaning of human life. Examines the relevance of classical philosophy to modern culture.

PHI 202 Critical Thinking (3)

This course involves the development of creative and critical thinking skills. Emphasis on the creative process and the skills and techniques involved in dealing analytically with what is read and observed.

PHI 301 Biomedical Ethics and Values (3)

Study of ethical issues and values related to contemporary medical practices, biological innovations, and the impact of scientific and technological advancements. Emphasis on the critical analysis of human values and basic ethical positions which guide people's lives.

PHY 305 Physics I (4)

The study of classical concepts in physics including

measurements and mathematical concepts, laws of motion and kinematics, mechanical waves and sounds, thermodynamics and fluid mechanics. Three hours lecture, three hours laboratory. *Corequisite: MAT 110.*

PHY 315 Physics II (4)

The socialization and education of various providers; the provider-patient relationship; and disparities in the study of electrical potential, current and resistance, magnetic forces and fields in addition to various aspects of optics. There will be a focus on modern physics that will include the atom, nuclear physics, radioactivity and forms of radiation. Principles are tested and reinforced in the laboratory sessions. Three hours lecture, three hours weekly laboratory. *Prerequisite: PHY 305.*

PSY 201 General Psychology (3)

An introduction to general psychological theories and methods as applied to an understanding of humans interacting with the environment. Topics include personality, emotion, sensation, perception, learning, conditioning, and psychological evaluation.

PSY 301 Human Growth and Development (3)

Examination of the biopsychosocial aspects of development of the individual across the life span. Growth and development of the physical body, motor skills, intellectual skills along with emotional and social behavior.

PSY 311 Marriage and Family (3)

Focus on the American family, including mate selection, male-female relationships, parent-child communication, and current issues of family life.

PSY 320 Abnormal Psychology (3)

A study of the basic concepts of the development and definition of psychopathology with an emphasis on the causes and types of abnormal phenomena, mental hygiene, and therapeutic methods. *Prerequisite: PSY 201.*

REL 201 World Religions (3)

A study of the origins, evolution, and current status of the major religions of the world, along with their impact on humankind and the environment today.

REL 210 Old Testament Survey (3)

A survey of the Old Testament from Genesis to Malachi.

REL 220 New Testament Survey (3)

A survey of New Testament literature with reference to the writings' historical backgrounds, their distinctive points of view, the literary devices employed, and their central theological messages.

REL 301 Literature of the Bible (3)

A study of the various types of literature employed in the Judaeo-Christian scriptures, with reference to historical background, the points of view of various authors and their purposes, and analysis of various literary structures employed.

REL 302 Spiritual Aspects of Care (3)

Emphasizes the importance of the health care worker's role in spiritual care of clients. Includes spiritual needs from the perspective of major denominations and various cultural groups.

SOC 201 Introduction to Medical Sociology (3)

An examination of the diverse social, cultural, political, and economic context of medicine and health and illness processes. Topics include defining medical care and health care; social and cultural determinants of; health processes, outcomes, and the distribution of disease; health and illness behaviors; the organization of medical care delivery; distribution of health and medical resources.

SOC 202 Sociology of Aging (3)

An overview of the body of knowledge specific to social gerontology. Topics include population change, housing, social adjustment, dealing with loss, retirement, mobility, family status, health, and finances of the older person.

SPA 201 Spanish I (3)

Basic grammar and practice in conversation, reading, and composition. For beginning student.

SPA 202 Spanish II (3)

Grammar review, conversation, and reading in Spanish literature. *Prerequisite: SPA 201.*

SPE 211 Speech Fundamentals (3)

A study of the theories and techniques of preparing and delivering speeches. Course covers speaker and audience variables, composition, style, and delivery. Students will deliver several types of speeches in class.

BIOMEDICAL SCIENCES

Mission

The mission of the Biomedical Sciences Program is to prepare students in their pursuit for admission into graduate and professional schools and/or careers in the health sciences field.

At the completion of the Biomedical Sciences program, the graduate is able to:

- Explain fundamental concepts in the major areas of biomedical sciences.
- Demonstrate the ability to communicate scientifically and apply it to current and future health care issues.
- Demonstrate a commitment to medical ethics and service to a diverse population.
- Successfully compete for enrollment in graduate and professional schools and/or careers in the health care field.

Program Learning Outcomes

At the completion of the Biomedical Sciences program, the graduate will:

- Apply concepts in the biological sciences, chemistry, physics, and mathematics.
- Integrate concepts in the biological sciences, chemistry, physics, and mathematics.
- Demonstrate scientific literacy.
- Use analytical skills.
- Evaluate ethical dimensions in scientific research.
- Examine differences within diverse populations and how they integrate individuals within the community as a whole.

Degree Requirements for a Bachelor of Health Sciences in Biomedical Sciences

General Education/Pre-Professional Courses

| | | |
|---------|-------------------------|---|
| AHS 202 | Medical Terminology | 2 |
| BIO 110 | General Biology I | 4 |
| BIO 120 | General Biology II | 4 |
| BIO 201 | Anatomy & Physiology I | 4 |
| BIO 202 | Anatomy & Physiology II | 4 |
| BIO 205 | Microbiology | 4 |
| CHE 115 | General Chemistry I | 4 |

| | | |
|-------------------------------|---|--------|
| CHE 125 | General Chemistry II | 4 |
| CIS 101 | Introduction to Computer Concepts | 3 |
| ENG 101 | English Composition I | 3 |
| ENG 102 | English Composition II | 3 |
| ENG 103 | Writing for the Health Care Profession | 1 |
| ENG 201, 202, 203, or 204 | Literature Elective | 3 |
| HSC 104 | Baptist College Experience | 1 |
| HSC 301 | U.S. Health Care Systems | 3 |
| HSC 320 | Research for Health Professionals | 3 |
| MAT 110 | College Algebra | 3 |
| MAT 211 | Statistics | 3 |
| NUT 101 | Nutrition | 3 |
| PHI 301 | Biomedical Ethics | 3 |
| PSY 201 | General Psychology | 3 |
| PSY 301 | Human Growth and Development | 3 |
| REL 201, 210, 220, 301 or 302 | Religion Elective | 3 |
| SOC 201 | Medical Sociology | 3 |
| SPE 211/COM 220 | Speech Fundamentals/Intercultural Communication | 3 |
| Total | | 77 hrs |

Major Courses

| | | |
|------------------|--|--------|
| AHS 204 | Patient Care | 3 |
| BIO 301 | Pathophysiology | 3 |
| BIO 350 | Genetics | 3 |
| BIO 390 | Immunology | 3 |
| CHE 210 | Organic Chemistry I | 4 |
| CHE 220 | Organic Chemistry II | 4 |
| CHE 310 | Biochemistry | 4 |
| HSC 410 | Interprofessional Healthcare Experiences | 3 |
| MAT 240 | Elements of Calculus | 3 |
| PHY 305 | Physics I | 4 |
| PHY 315 | Physics II | 4 |
| *Major Electives | | 9 |
| Total | | 47 hrs |

Total Credit Hours for Degree Requirements 124 hrs

*Major Elective Options (9 hours required)

| | | |
|-------------|--------------------------------------|-----|
| BIO 310 | Applied Pathophysiology | 3 |
| BIO 315 | Applied & Environmental Microbiology | 3 |
| BIO 320 | Cross-Sectional Anatomy | 2 |
| BIO 360 | Applied Anatomy and Physiology | 3 |
| BIO 370 | Infectious Diseases | 2 |
| BIO 340 | Histology | 4 |
| BIO 401-404 | Special Topics in Biology | 1-4 |
| BIO 410 | Molecular Cell Biology | 4 |
| BIO 460 | Cancer Biology | 3 |
| CHE 330 | Molecular Pharmacology | 3 |
| HSC 350 | Perspectives in Epidemiology | 3 |
| HSC 460 | Independent Research | 1 |
| MAT 230 | Advanced Statistics | 3 |
| PSY 320 | Abnormal Psychology | 3 |

HEALTH CARE MANAGEMENT PROGRAM

The major in Health Care Management program is intended to accommodate the needs of working adults seeking a degree in Health Care Management. The professional curriculum is designed to be accomplished in 19 months by attending classes one evening a week and completing self-directed off-campus assignments rendered in blended, on-line and face-to-face learning formats.

Mission

The Health Care Management program will provide entry level, early careerists, and advancing health care managers a career pathway into the dynamic health care market-place with a solid academic foundation for future success in a variety of health care settings, and fostering the continuing development of necessary leadership and managerial skills.

Program Learning Outcomes

Upon completion of their course of study, Health Care Management graduates will:

- Communicate effectively within the business environment.
- Identify basic principles of good management practices.
- Differentiate key characteristics of health care industry from other industries.
- Utilize technology appropriately within the business environment.
- Evaluate business strategies at the departmental level within the health care environment.

Admissions Requirements

The Health Care Management applicant must meet the following admissions requirements:

1. Earn 60 hours of college credit from a regionally accredited college/university; of the 60 hours, 24 hours must transfer towards the general education core curriculum.
2. Earn a minimum grade point average of 2.5 on 4.0 scale.
3. Complete English Composition I.
4. Demonstrate three years of full time employment or equivalent (Health care experience preferred.).
5. Submit resume and complete interview required for admission into the program.
6. All applicants whose native tongue is not English must submit a TOEFL (Test of English as a Foreign Language) score of 550 or above.

Upon acceptance to the College:

- Submit a \$100.00 non-refundable enrollment deposit.
- Attend orientation. Dates for orientation will be sent upon acceptance to the College.

- Submit the student health form provided by Baptist College at orientation. This form requires a list of all previous immunizations.
- Submit proof of health insurance coverage.
- Submit a background check prior to registration.

Degree Requirements

| Academic Course Requirement | Credit Hours |
|--------------------------------|--------------|
| General Studies Courses | 42 |
| Elective Courses | 35 |
| Health Care Management Courses | 45 |
| Total | 122 |

Required General Studies Courses: 42 hours

| General Studies Courses Required by Course Category | Credit Hours |
|---|--------------|
| Communications | 9 |
| English I* | |
| English II** | |
| Speech/Communications** | |
| Humanities/Fine Arts | 9 |
| Literature** | |
| Philosophy | |
| Foreign Language | |
| Art, Music, or Theater | |
| Women's Studies | |
| World/American History | |
| Social/Behavioral Sciences | 9 |
| Sociology | |
| General Psychology** | |
| Anthropology | |
| American Government | |
| Geography | |
| Political Science | |
| Economics | |
| Introduction to Computers | 3 |
| Math | 6 |
| College Algebra** | |
| Statistics | |
| Introduction to Research | |
| Religion | 3 |
| Any Christian or comparative course | |
| Science | 3 |
| Any Science course | |
| Total Hours | 42 |

Electives

Additional regionally accredited college-level courses completed with a "C" or better will be accepted in this category.

Total Hours 35

*Must be taken before entering the program.

**Required

Application Process

All applicants to the Health Care Management program will be evaluated based on the admissions requirements listed on this page. Applicants who meet admissions requirements will be invited to Baptist College for an admission interview. When there are more qualified applicants applying than there are seats available, applicants will be competitively assessed and selected based upon the stated requirements. Applicants not selected may reapply for the next cohort.

Student Cohort Placement and Schedule

Once admitted to the Health Care Management program, students will be placed in a cohort. The trimester academic calendar for each cohort follows the college calendar for the entire 19 months. Classes are offered in both the trimester mini-terms and full trimesters. Students admitted to the program are referred to the Health Care

Management Student Handbook that is distributed during student orientation to obtain each cohort's scheduled sequence of classes.

Admissions Deadline

July 1 for September Cohort

Request for Consideration of Taking Course at Another College/University

Once enrolled in the Health Care Management program, a student may request to take any remaining requisite general education or elective coursework for degree completion at another college/university. It is recommended that all courses be approved to meet program requirements prior to registering in order to receive credit from another college/university. Students must submit a "Request to Take Course at another College" form. This form requires approval by the student's advisor and appropriate academic dean. Approval to take a course off-campus applies only to the academic term requested. If the student decides not to take a course as approved, the approval will become void and cannot be used for subsequent attempts without additional approval. In addition, if the student does not notify Baptist College of the change in plans, he or she may have to provide documentation to prove that the course was not taken. Upon completion of the off-campus work, the student must have an official transcript sent from the approved college to Baptist College. To earn transfer credit for approved courses, students must earn a grade of "C" or better.

HEALTH CARE MANAGEMENT PROGRAM CURRICULUM (19-MONTH PROGRESSION PLAN)

General Education Pre-Requisites for Health Care

Management

| | |
|----------------------------|---------|
| Communications | 9 hours |
| Humanities/Fine Arts | 9 hours |
| Social/Behavioral Sciences | 9 hours |
| Computer Science | 3 hours |
| Math | 6 hours |
| Religion | 3 hours |
| Science | 3 hours |

General Education Total 42 hours

Elective Course Total 35 hours

(College-level courses completed with a "C" or better will be accepted in this category.)

General Education and Elective Pre-requisites Total 77 hours

| Course Number | Course | Credit Hours |
|---------------|---|------------------|
| HSC 104 | Baptist College Experience | 1 hour |
| HCM 305 | Principles of Health Care Management and Leadership | 3 hours |
| HCM 325 | Health Care Marketing | 3 hours |
| HCM 330 | Human Resource Management | 3 hours |
| HCM 340 | Organizational Communications for Health Care Managers | 2 hours |
| HCM 350 | Organizational Behavior and Development | 3 hours |
| HCM 360 | Quality Improvement in Health Care | 3 hours |
| HCM 370 | Health Care Finance | 3 hours |
| HCM 425 | Health Administration Information Systems | 3 hours |
| HCM 440 | Legal Environment of Health Care | 3 hours |
| HCM 442 | Managerial Epidemiology, Population Health & Health Policy | 3 hours |
| HCM 445 | Health Care Research and Statistical Analysis for Decision Making | 3 hours |
| HCM 450 | Strategic Management | 3 hours |
| HCM 470 | US Healthcare Systems and the Health Economy | 3 hours |
| HCM 475 | Operations Management in Health Care | 3 hours |
| HCM 495 | Capstone Directed Study Intensive | 3 hours |
| or HCM 395 | Internship | 3 hours |
| | Health Care Management Major Courses Total | 45 hours |
| | General Education and Elective Pre-requisites Total | 77 hours |
| | Degree Total | 122 hours |

PRE-HEALTH STUDIES

Mission

Provide students with the opportunity to take general education and preparatory courses for a chosen field in health sciences. This program is designed to provide the students an opportunity to consider career alternatives.

Program Learning Outcomes

At the completion of the Pre-Health Studies program, the graduate is able to:

- Apply foundational concepts in general education to health-related topics.
- Demonstrate knowledge of different scientific disciplines.
- Use general, scientific and technical knowledge effectively.

Degree Requirements for an Associate of Science in Pre-Health Studies

| | | |
|-------------------------------|---|-----------|
| ENG 101 | English Composition I | 3 |
| ENG 102 | English Composition II | 3 |
| ENG | Literature Requirement | 3 |
| HSC 104 | Baptist College Experience | 1 |
| HSC 210 | Career Planning in Health Sciences | 1 |
| HSC 301 | U.S. Health Care Systems | 3 |
| MAT 110/240 | College Algebra/Elements of Calculus | 3 |
| PHI | Philosophy Requirement | 3 |
| PSY 201 | General Psychology | 3 |
| REL | Religion Requirement | 3 |
| SOC 201 | Medical Sociology | 3 |
| SPE 211/COM 220 | Speech Fundamentals/Intercultural Communication | 3 |
| | *Humanities Elective | 3 |
| | **Natural Sciences | 28 |
| Total Hours for Degree | | 63 |

*Courses could include another Philosophy, Literature, Religion or History

**Courses from Natural Sciences: (General Biology I and II; Anatomy and Physiology I and II; Physics I and II; Chemistry I and II; Microbiology)

HEALTH CARE MANAGEMENT MINOR

A Health Care Management minor is offered as an elective to all students enrolled at Baptist College. This minor consists of five management courses totaling 15 credit hours (9 hours required; 6 hours electives). These courses may be taken concurrently with degree requirements and must be completed prior to graduating.

In order to earn this minor from Baptist College, 8 credit hours must be completed at Baptist College. If a course is required in a student's declared major, it cannot also apply toward the minor.

All courses completed in the Health Care Management minor will be placed on the official transcript as courses completed at Baptist College, but a minor will not be awarded without the completion of a bachelor's degree from Baptist College.

| | |
|--------------------------|---|
| Required Courses: | 9 Credit Hours |
| HCM 301 | Financial Accounting |
| HCM 305 | Principles of Health Care Management & Leadership |

| | |
|-------------------------|---|
| HCM 330 | Human Resource Management |
| Elective Courses | 6 Credit Hours |
| HCM 325 | Health Care Marketing |
| HCM 350 | Organizational Behavior and Development |
| HCM 360 | Quality Improvement in Health Care |
| HCM 370 | Health Care Finance |
| HCM 425 | Health Administration Info Systems |
| HCM 440 | Legal & Environment of Health Care |
| HCM 450 | Strategic Management |
| HCM 475 | Operations Management in Health Care |

INTERDISCIPLINARY STUDIES MINOR

An Interdisciplinary Studies minor is offered as an elective to all students enrolled at Baptist College. To earn the minor, students would complete 15 credit hours selected from a collection of courses that add value to their major. These courses may be taken concurrently with the degree requirements.

In order to earn this minor from Baptist College, 8 credit hours must be completed at Baptist College. There is a required one-credit hour seminar class. If a course is required in a student's declared major, it cannot also apply toward the minor.

All courses completed in the Interdisciplinary Studies minor will be placed on the official transcript as courses completed at Baptist College but a minor will not be awarded without the completion of a Bachelor's degree from Baptist College.

| | |
|-------------------------|--|
| Required Course: | 1 Credit Hour |
| HSC 360 | Interdisciplinary Seminar |
| Elective Courses | 14 Credit Hours |
| AHS 202 | Medical Terminology |
| BIO 205 | Microbiology |
| BIO 110 | General Biology I |
| BIO 120 | General Biology II |
| BIO 301 | Pathophysiology |
| BIO 315 | Applied and Environmental Microbiology |
| BIO 340 | Histology |
| BIO 350 | Genetics |
| BIO 360 | Applied Anatomy & Physiology |
| BIO 370 | Infectious Diseases |
| BIO 390 | Immunology |
| CHE 115 | General Chemistry I |
| CHE 125 | General Chemistry II |
| CHE 210 | Organic Chemistry I |
| CHE 220 | Organic Chemistry II |
| CHE 310 | Biochemistry |
| ENG 103 | Writing for the Health Care Prof |
| HSC 350 | Perspectives in Epidemiology |
| MAT 211 | Statistics |
| MAT 230 | Advanced Statistics |
| PHY 305 | Physics I |
| PHY 315 | Physics II |
| PSY 320 | Abnormal Psychology |

UNDECLARED MAJOR

This major is for students who are unsuccessful in a professional program or who decide they are no longer interested in their current professional program, this major would allow students to continue enrollment at Baptist College while exploring other programs/majors at the College. Students are limited to two trimesters in the

Undeclared Major Status and this status may only be declared one time during the student's enrollment at Baptist College. The following courses are acceptable to take while enrolled in this major:

- **Biology:**
 - BIO 110 General Biology I (4)
 - BIO 120 General Biology II (4)
 - BIO 201 Anatomy and Physiology I (4)
 - BIO 202 Anatomy and Physiology II (4)
 - BIO 205 Microbiology (4)
- **Chemistry:**
 - CHE 115 General Chemistry I (4)
 - CHE 125 General Chemistry II (4)
- **Information Technology:**
 - CIS 101 Introduction to Computer Concepts (3)
- **English:**
 - ENG 101 English Composition I (3)
 - ENG 102 English Composition II (3)
 - ENG 103 Writing for the Health Care Profession (1)
 - ENG 201 Perspectives in World Literature (3)
 - ENG 202 Perspectives in American Literature (3)
 - ENG 203 Literature and Medicine (3)
 - ENG 204 Contemporary American Literature: Cultural Diversity (3)
- **College Life Experience:**
 - HSC 104 Baptist College Experience (1)
- **Health Care Systems:**
 - HSC 301 U.S. Health Care Systems (3)
 - HSC 210 Career Planning in Health Sciences (1)
- **HSC 320 Research for Health Professionals (3)**
- **Mathematics:**
 - MAT 110 College Algebra (3)
 - MAT 211 Statistics (3)
 - MAT 240 Elements of Calculus (3)
- **Nutrition:**
 - NUT 101 Fundamentals of Nutrition (3)
- **Philosophy:**
 - PHI 201 Classical Issues in Philosophy (3)
 - PHI 202 Critical Thinking (3)
 - PHI 301 Biomedical Ethics and Values (3)
- **Physics:**
 - PHY 305 Physics 1 (4)
 - PHY 315 Physics II (4)
- **Psychology:**
 - PSY 201 General Psychology (3)
 - PSY 301 Human Growth and Development (3)
- **Religion:**
 - REL 201 World Religions (3)
 - REL 210 Old Testament Survey (3)
 - REL 220 New Testament Survey (3)
 - REL 301 Literature of the Bible (3)
 - REL 302 Spiritual Aspects of Care (3)
- **Sociology:**
 - SOC 201 Introduction to Medical Sociology (3)
- **Speech:**
 - SPE 211 Speech Fundamentals (3)

DIVISION OF NURSING

Administration

Anne M. Plumb

Dean and Professor

Cheryl Johnson-Joy

Associate Dean and Professor

Anita Mobrak

Chair, Curriculum and Associate Professor
Distinguished Faculty 2009

Cindy Borgers

Chair, Assessment/Evaluation and Associate Professor

Shirley Morquecho

Academic Operations Coordinator

Brenda McMillen

Secretary

Faculty

Ivy Anderson

Assistant Professor

Angel Boling

Assistant Professor
2012 DAISY Award Recipient

Judi Brittingham

Assistant Professor

Cynthia Brooks

Assistant Professor

Pam Cherry

Assistant Professor

Angie Crow

Assistant Professor

Julie Darby

Assistant Professor

Shannon Davenport

Assistant Professor

Diana Kim Ennis

Associate Professor

Phyllis Jeans

Assistant Professor

Kim Kennel

Assistant Professor

Judy LaBonte

Associate Professor
Distinguished Faculty 2013
2015 DAISY Award Recipient

Sandra Lea

Associate Professor

Sharon Markham

Assistant Professor

Deborah Overton

Assistant Professor
2014 DAISY Faculty Award Recipient

Carla Renee Parker

Assistant Professor

Robert Parker

Assistant Professor

Ramona Patterson

Assistant Professor

Nan Riedé

Assistant Professor

Amanda Riley

Supervisor, Nursing Learning Lab

David Smith

Assistant Professor

Cathy Stepter

Associate Professor
Distinguished Faculty 2014

Margaret Strong

Associate Professor

Deborah Lynn Sweeney

Associate Professor
Distinguished Faculty 2004

Laritha Sweet

Associate Professor

Rita West

Assistant Professor

PROGRAM MISSION

Congruent with the mission of Baptist College, the nursing faculty is committed to preparing professional nurses at the baccalaureate level for the diverse practice environment.

To fulfill its mission, the nursing faculty share a commitment with Baptist College to:

- Provide high-quality liberal and professional education in a Christian environment which enables individuals to become competent providers of care; designers, coordinators and managers of care; and members of the nursing profession.
- Provide a learning environment that fosters intellectual, social, and spiritual development.
- Instill respect for humans as diverse, spiritual, emotional, and physical beings and for their right to make informed decisions regarding their health.
- Advance knowledge through scholarly activity.
- Serve the communities in which they live.
- Foster a value for lifelong learning.

VISION

The baccalaureate nursing program of Baptist College will be a leader in nursing education by graduating nurses who distinguish themselves and the nursing profession through careers of service.

GOALS

The goals of baccalaureate nursing education at Baptist College are to:

1. Prepare professional nurses as generalists who:
 - Provide comprehensive direct and indirect patient-centered care for diverse populations along the health-illness continuum, in a variety of health care settings.
 - Promote quality and safety as well as stewardship of health care resources.
 - Use research to guide evidence-based practice.
2. Prepare graduates to successfully pass the National Council of State Boards of Nursing Licensure Examination for Registered Nurses (NCLEX-RN).
3. Provide an avenue for students of Associate Degree of Nursing and Diploma programs to attain the knowledge and competencies of the professional nurse at the baccalaureate level.

CORE VALUES

The essential values emphasized throughout the curriculum are:

- Respect for others
- Teamwork/collaboration
- Communication
- Problem solving/critical thinking
- Compassionate care
- Professionalism
- Service to community

PROGRAM LEARNING OUTCOMES

Using previously learned concepts (i.e. liberal arts, sciences, and nursing) the graduate will:

- Apply critical thinking and clinical reasoning skills to address simple to complex situations and translate research-based evidence into practice for safe, high-quality, patient-centered care outcomes.
- Practice holistic care in a variety of health care settings for diverse populations across the lifespan and the health-illness continuum.
- Integrate cultural, economic, social, environmental, genetic, regulatory, and political factors in designing care for individuals, families, and communities.
- Use standardized terminology, information systems, and patient care technology effectively.
- Use effective communication and collaboration skills with members of the health care team, patients, and support networks.
- Synthesize principles of leadership and management, accountability, and lifelong learning while functioning in multiple roles of care (i.e., designer, provider, manager, and coordinator) to ensure a safe practice environment.
- Incorporate legal and ethical precepts, as well as standards of practice, in serving as advocates for the patient and the profession.
- Integrate principles of quality improvement and safety to ensure optimum care.

ACCREDITATION AND APPROVAL

The baccalaureate nursing program at Baptist is accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, DC 20036, (202) 887-6791.

The baccalaureate nursing program of Baptist College is approved by the Tennessee Board of Nursing (Department of Health, Bureau of Health Licensing and Regulation, Division of Health Related Boards, 277 French Landing, Suite 300, Heritage Place Metro Center, Nashville, TN 37243, 1-800-778-4123).

BSN SELECTION/PROGRESSION FOR THE TRADITIONAL NURSING PROGRAM

Applying to the Nursing Program

High School Seniors: High school seniors admitted as a freshman to Baptist College may at the time of admission to the College be admitted to the nursing program. High school seniors, once enrolled at the College, and admitted to the nursing program must meet and maintain the criteria listed under "Selection to the Nursing Program: Minimum Criteria" to maintain guaranteed progression to the nursing program:

Students in their first year of college (0-29 hours):

Applicants with 0-29 hours of college level credit who wish to be considered for selection to the nursing program must first meet all admission criteria and be accepted to the College. Once accepted and enrolled, students must then meet and maintain the criteria listed under "Selection to the Nursing Program". The student must complete and submit an "Intent to Progress" form by posted deadlines.

Transfer Students (30 or more hours): Applicants with 30 or more hours of college level credit who wish to be considered for selection to the nursing program must first meet all admission criteria and be accepted to the College. Once accepted and enrolled, students must then meet and maintain the criteria listed under "Selection to the Nursing Program". The student must complete and submit an "Intent to Progress" form by posted deadlines.

When space is available, transfer students may apply to the College and nursing program simultaneously. The following criteria must be met in order to be considered for priority placement in the nursing program: Completion of 32 college credit hours which transfer toward the nursing degree, including a minimum of 8 credit hours of science prerequisites. Earn a minimum 3.2/4.0 GPA in all college work and a minimum 3.0/4.0 GPA in the prerequisite science courses. Additionally, all transfer students must complete a minimum of 12 hours in residence at Baptist College (including three hours in the sciences) with a minimum grade of "C" or better in order to be considered for selection to the nursing program.

Selection to the Nursing program - Minimum Criteria:

- Meet all Baptist College admission requirements and be accepted to the College. Admission to Baptist College does not guarantee selection to the Nursing program as selection to the program is competitive.

- Earn a minimum grade point average of 2.6/4.00 in prerequisite science courses. A prerequisite science course can be repeated only once to receive a grade of C or higher. A maximum of two prerequisite science courses may be repeated to earn the minimum required grade for consideration for selection.
- Complete all lower division pre-nursing courses listed below with a minimum 2.8 GPA and a grade of C or better in all prerequisite courses (prescribed 3 trimesters/43 credits of coursework). Show evidence that any remaining prerequisite courses, as outlined in the sample curriculum plan at www.bchs.edu will be completed prior to the trimester of progression requested on the Intent to Progress form. Nine (9) credit hours can be taken with the professional nursing curriculum: Religion or Philosophy, Introduction to Medical Sociology, and US Health Care Systems.

A & P I & II (8 hours)*

Baptist College Experience (1 hour)

College Algebra (3 hours)

English Composition I & II (6 hours)

Human Growth & Development (3 hours)

General Psychology (3 hours)

Intro to Computer Sciences (3 hours)

Literature (3 hours)

Religion or Philosophy (3 hours)

Nutrition (3 hours)

Pathophysiology (3 hours) *

Speech Fundamentals (3 hours)

Statistics (3 hours)

Writing for the Health Care Professions (1)

*Prerequisite science courses must have been completed within five years of the date of entrance to the College. If additional time lapses between the time the credit was earned and the date of request for progression to the major, the student may be asked to audit the course to validate currency of knowledge.

- Students who are transferring from any other accredited nursing program must submit a letter of good standing from the dean/director of the previous nursing program and a college transcript submitted verifying passing grades of a "C" or better in the nursing courses. Before transfer credit is considered, a course syllabus must be provided for review by the academic dean. Applicants with less than a "C" received from another institution in a nursing course will not be eligible for consideration. This includes repeated courses in which a grade above a "C" was earned.
- Students who transfer to Baptist College must complete 12 hours in residency at Baptist College prior to submitting an Intent to Progress form by stated deadlines.
- Earn a minimum cumulative 2.8 GPA, which only includes grades earned in courses taken at Baptist College as well as grades earned in courses transferred to Baptist College.
- Meet the Technical Standards for Professional Nursing.
- Participate in an interview, if required.

Selection/Progression in the nursing program is competitive. If the number of applicants exceeds the slots/positions available, some applicants may be placed on an alternate list. Placement on an alternate list does not guarantee admission to the nursing program. If openings do not become available, applicants on the alternate list may petition for the next deadline.

Deadlines for applicants to submit "Clinical Intent to Progress Forms:"

- **November 15 for summer progression**
- **March 15 for fall progression**
- **July 15 for spring progression**

If a student is selected for progression but then fails to successfully complete all required courses with a minimum of a "C or better" or maintain the GPA progression requirements or meet the residency hour requirement, **the student will not automatically progress and must resubmit application for Intent to Progress to the Major.**

TECHNICAL STANDARDS FOR NURSING

The following technical standards and essential functions outline reasonable expectations of a student in a nursing program for the performance of common nursing functions:

| Essential Function | Standard | Physical Requirement |
|-------------------------------------|---|---|
| Communication | Ability to communicate with a wide variety of people, and the ability to be easily understood. Reading, writing, recording, and documenting patient information is required. | Speaks clearly and adapts communication to the condition and age of recipient. Uses English language effectively. Hearing acuity sufficient to hear normal conversation, avoids need for repetition of statements. Writes in legible and clear sentence structure. Ability to problem solve quickly. |
| Analytical Skills/Critical Thinking | Analytical skills sufficient to process information, to transfer knowledge from one situation to another, and to prioritize tasks. Critical thinking ability sufficient for safe, clinical judgment. | Ability to learn and reason, to integrate, analyze, and synthesize data concurrently. |
| Hearing | Auditory abilities sufficient to monitor and assess patient needs; to detect and respond to alarms, emergency signals and cries for help. | Use of auditory sense. Accurate hearing. Hearing acuity sufficient to hear normal conversation, avoids need for repetition of statements. |
| Visual | Ability sufficient for observation and assessment necessary for the care of patients and operation of equipment. | Use of sight. Accurate 20/40 near and far vision with accurate color discrimination, differentiation of subtle changes in color, and depth perception. |
| Tactile | Ability sufficient for patient assessment and operation of equipment. | Normal tactile feeling and use of touch to feel sensitivity to heat, cold, pain, pressure, size, shape, texture, etc. |
| Mobility | Physical ability, flexibility, strength and stamina sufficient to provide safe and effective care. | Continuous (67-100% of work day): Standing Frequent (36-66% of work day): Walking, carrying objects, push/pull, twist, bending, reaching forward, reaching overhead. Occasionally move objects and/or lift objects 20-50 lbs; frequently move and/or lift objects 10-25 lbs. |

| | | |
|-------------------|--|--|
| Fine Motor Skills | Fine motor abilities sufficient to provide safe and effective care. | Frequent (36-66% of work day): Pinching/fine motor activities. Occasional (up to 35% of work day): Keyboard use/repetitive motion. |
| Behavioral | Emotional and mental health sufficient to establish therapeutic boundaries, to perform multiple tasks concurrently, and to handle strong emotions. | Emotional and mental stability. |

PROGRAM ACADEMIC POLICIES

CPR Certification

All students must complete CPR training prior to beginning clinical experience. Students are required to participate in the class Baptist College offers to provide evidence of recent certification in BCLS for a health care provider offered by the American Heart Association. Evidence of current certification must be provided to progress in clinical nursing courses.

Criminal Background Check and Drug Screen

All students must complete a criminal background check and drug screen prior to beginning clinical experience. Evidence of background clearance and drug screen clearance must be provided to progress in clinical nursing courses.

Health Requirements

Upon admission to Baptist College, students must submit proof of immunizations. Prior to starting clinical courses, students must show proof of current TB skin test and evidence of completing the Hepatitis B series. TB skin tests are updated annually.

Transportation

Reliable transportation to, from, and during all clinical and field experiences is the responsibility of the student.

Dosage Calculation Competency (for traditional program only)

Dosage calculation competency examinations will begin in the trimester after completing NSG 305, Basic Skills of Nursing Practice, and will be given each trimester thereafter. It is imperative for safe practice that students are knowledgeable and prepared at all times for administering medications.

Licensure

Students who successfully complete the baccalaureate program (traditional) are eligible to sit for the National Council of State Board of Nursing Licensure Examination for Registered Nurses (NCLEX-RN).

DEGREE REQUIREMENTS FOR THE TRADITIONAL BSN OPTION

| General Education/Pre-Professional Courses | | |
|--|---|---------------|
| BIO 201 | Anatomy & Physiology I | 4 |
| BIO 202 | Anatomy & Physiology II | 4 |
| BIO 205 | Microbiology | 4 |
| BIO 301 | Pathophysiology | 3 |
| CIS 101 | Introduction to Computer Concepts | 3 |
| ENG 101 | English Composition I | 3 |
| ENG 102 | English Composition II | 3 |
| ENG 103 | Writing for Health Care Profession | 1 |
| ENG 201, 202, 203, or 204 | Literature Elective | 3 |
| HSC 104 | Baptist College Experience | 1 |
| HSC 301 | U.S. Health Care Systems | 3 |
| MAT 110/MAT 240 | College Algebra/Elements of Calculus | 3 |
| MAT 211 | Statistics | 3 |
| NUT 101 | Fundamentals of Nutrition | 3 |
| PHI 201, 202 or 301 | Philosophy Elective | 3 |
| PSY 201 | General Psychology | 3 |
| PSY 301 | Human Growth and Development | 3 |
| REL 201, 220, 210, 301, or 302 | Religion Elective | 3 |
| SOC 201 | Introduction to Medical Sociology | 3 |
| SPE 211/COM 220 | Speech Fundamentals/Intercultural Communication | 3 |
| Total | | 59 Hrs |

| Professional Nursing Courses | | |
|--|---|----------------|
| NSG 301 | Essentials of Professional Nursing | 3 |
| NSG 304 | Pharmacology | 3 |
| NSG 305 | Basic Skills of Nursing Practice | 4 |
| NSG 306 | Health Assessment | 3 |
| NSG 321 | Adult Health Concepts I | 7 |
| NSG 335 | Nursing Research in Evidence-Based Practice | 3 |
| NSG 331 | Adult Health Concepts II | 7 |
| NSG 340 | Psychiatric/Mental Health Nursing | 5 |
| NSG 345 | Perspectives of Healthy Aging | 2 |
| NSG 360 | Community Health Nursing | 5 |
| NSG 410 | Pediatric Nursing | 5 |
| NSG 415 | Nursing Leadership & Care Management | 3 |
| NSG 420 | Maternal/Newborn Nursing | 5 |
| NSG 442 | Senior Nursing Capstone | 7 |
| NSG 445 | Senior Seminar | 1 |
| Total | | 63 Hrs |
| Total Credit Hours for Degree Requirement | | 122 Hrs |

SELECTION/PROGRESSION FOR THE RN-BSN COMPLETION PROGRAM

A sequence of study for the diploma or associate degree nurse is available to qualified students who wish to pursue a Bachelor of Science in Nursing. Completion degree students are admitted to Baptist College and to the professional program simultaneously.

DEGREE REQUIREMENTS FOR THE RN-BSN OPTION

| General Education/Pre-Professional Courses | | |
|--|---|---------------|
| BIO 201 | Anatomy & Physiology I | 4 |
| BIO 202 | Anatomy & Physiology II | 4 |
| BIO 205 | Microbiology | 4 |
| BIO 301 | Pathophysiology | 3 |
| CIS 101 | Introduction to Computer Concepts | 3 |
| ENG 101 | English Composition I | 3 |
| ENG 102 | English Composition II | 3 |
| ENG 103 | Writing for Health Care Profession | 1 |
| SPE 211 | Speech Fundamentals | 3 |
| ENG 201, 202, 203, or 204 | Literature Elective | 3 |
| HSC 104 | Baptist College Experience | 1 |
| HSC 301 | U.S. Health Care Systems | 3 |
| MAT 110/MAT 240 | College Algebra/Elements of Calculus | 3 |
| MAT 211 | Statistics | 3 |
| PHI 201, 202 or 301 | Philosophy Elective | 3 |
| PSY 201 | General Psychology | 3 |
| PSY 301 | Human Growth and Development | 3 |
| REL 201, 210, 220, 301, or 302 | Religion Elective | 3 |
| SOC 201 | Introduction to Medical Sociology | 3 |
| SPE 211/COM 220 | Speech Fundamentals/Intercultural Communication | 3 |
| Total | | 56 Hrs |

| Professional Nursing Courses | | |
|------------------------------|---|----------------|
| NSG 303 | Transition to Professional Nursing | 3 |
| NSG 304 | Pharmacology | 3 |
| NSG 306 | Health Assessment | 3 |
| NSG 335 | Nursing Research in Evidence-Based Practice | 3 |
| NSG 345 | Perspectives of Healthy Aging | 2 |
| NSG 451 | Community Health Nursing | 5 |
| NSG 461 | Leadership and Case Management | 6 |
| Total | | 25 hrs |
| Validation Credits | | 41 hrs |
| Total | | 122 hrs |

** Validation and Articulation:

Baptist College encourages educational mobility for the registered nurse holding an associate degree or diploma in nursing from an accredited program. The active registered nurse license is recognized as evidence of basic nursing competency. Awarding of academic credit is accomplished through successful completion of a validation course. NSG 306 Health Assessment, when successfully completed, serves as validation for Basic Skills of Nursing Practice, Maternal/Newborn Nursing, Adult Health Concepts I & II, Psychiatric/Mental Health Nursing, Pediatric Nursing, Senior Capstone Course (4 credit hours), Senior Seminar, and Fundamentals of Nutrition.

NURSING COURSE DESCRIPTIONS

NSG 301 Essentials of Professional Nursing (3)

Explores the roles of the baccalaureate generalist nurse. Focuses on the historical evolution of the nursing profession, values fundamental to the discipline of nursing, scope and standards of practice, code of ethics, and social policy. Levels of health care, clinical/critical reasoning skills, professional communication, legal aspects, quality and safety concepts, cultural sensitivity, and patient education are integral components.

NSG 303 Transition to Professional Nursing (3)

Builds on prior experience of the registered nurse pursuing a baccalaureate degree with an emphasis on professional standards, nursing philosophies and theories, and current issues in practice. Critical thinking/clinical reasoning skills, professional communication, use of technology and portfolio development are integral components. *This course is for the RN-BSN student only.*

NSG 304 Pharmacology (3)

Focuses on the principles of pharmacology and pharmacogenetics. Pharmacologic management of disease prevention and disease management, including alternative therapies are emphasized. A culture of safety is stressed for the delivery of patient-centered care. Challenge exam available for RN-BSN completion students with the approval of the Dean of Nursing. *Prerequisites: BIO 301, MAT 110*

NSG 305 Basic Skills of Nursing Practice (4)

Focuses on clinical skills fundamental to the practice of nursing. The holistic care of patients, clinical decision-making, communication and collaboration, informatics, evidence-based practice and professionalism are introduced. Medical terminology and dosage calculation are integral components. Psychomotor skills are practiced in the laboratory setting and in patient-centered simulation exercises. Students are introduced to the health care environment. Two credit hours theory, two credit hours lab/clinical. *Prerequisites: MAT 110; Pre/Corequisite NSG 306*

NSG 306 Health Assessment (3)

Introduces basic concepts of health history and physical examination techniques for patients across the lifespan. Emphasizes normal developmental changes as well as deviations from normal. Introduces age-related changes and assessment instruments. Explores physical, psychosocial, cultural, and nutritional dimensions related to assessment. This course serves as validation for prior nursing education for the RN-BSN student. A challenge exam is available for RN-BSN students with the approval of the Dean of Nursing. Two credit hours theory, one credit hour lab. *Prerequisite: BIO 301, PSY 301.*

NSG 321 Adult Health Concepts I (7)

Focuses on restoration of health and collaboration among interprofessional team members to provide holistic, patient-centered care to adults with acute and/or chronic physical disorders. Emphasis is on cardiopulmonary function, fluid and electrolyte/acid-base balance, oncological concepts, and diabetes. The safe care of adults of all ages is addressed including the preservation

of dignity in life and in death. Critical thinking, clinical reasoning, communication, cultural sensitivity, therapeutic interventions, informatics, and technology are integral components of this course. The role of the baccalaureate generalist nurse is reinforced. Four credit hours theory, three credit hours clinical. *Prerequisites: NSG 301, NSG 305, NSG 306.*

NSG 331 Adult Health Concepts II (7)

Focuses on the restoration of health and collaboration among interprofessional team members to provide holistic, patient-centered care to adults with acute and/or chronic physical disorders. Emphasis is on alterations in metabolism, digestion, and in sensory/nervous, musculoskeletal and reproductive systems. The safe care of adults of all ages is addressed including the preservation of dignity in life and in death. Critical thinking, clinical reasoning, communication, cultural sensitivity, therapeutic interventions, informatics, and technology are integral components of this course. The role of the baccalaureate generalist nurse is reinforced. Four credit hours theory, three credit hours clinical. *Prerequisites: NSG 304, NSG 321.*

NSG 335 Nursing Research in Evidence-Based Practice (3)

Provides the student with an overview of selected qualitative and quantitative research designs. The student is introduced to research terminology, information literacy and technology, ethical issues, data collection methods, and analysis and interpretation of data. Emphasis is on appraisal and utilization of research findings that impact safe, quality care outcomes. Focus is on evidence-based practice and the professional role of the evidence user. *Prerequisites: MAT 211, NSG 321.*

NSG 340 Psychiatric/Mental Health Nursing (5)

Introduces health promotion, health maintenance, and restoration of health for patients experiencing acute and chronic mental/behavioral illnesses. Emphasizes safe and quality patient care, clinical reasoning, cultural sensitivity, effective and therapeutic communication, and professionalism. Experiential learning is provided in a variety of mental/behavioral health settings. The role of the baccalaureate generalist nurse is reinforced. Three credit hours theory, two credit hours clinical. *Prerequisite: NSG 331.*

NSG 345 Perspectives on Healthy Aging (2)

Focuses on healthy aging, health promotion, and minimizing the loss of independence associated with functional decline and illness. Integrates critical thinking and clinical reasoning to address the unique aspects of physical and psychosocial age-related changes of older adults. Communication and collaboration among the interprofessional team members are emphasized for patient-centered care of older adults and families. *Prerequisite: NSG 321.*

NSG 360 Community Health Nursing (5)

Introduces the student to population-focused care. Emphasis is placed on health promotion and disease and injury prevention across the lifespan. Interprofessional communication and collaboration, professional standards, cultural sensitivity, and ethical decision making are emphasized. Teaching theories and techniques, technology, environment, health policy, financial resources,

and advocating for social justice are integral components. The role of the baccalaureate generalist nurse is reinforced. Three credit hours theory, two credit hours clinical. *Prerequisites: NSG 331, NSG 335.*

NSG 410 Pediatric Nursing (5)

Introduces nursing care for child-rearing families with an emphasis on health promotion, illness prevention, restoration of health during acute and chronic illness, and preservation of dignity in life and in death. Emphasizes family-centered care for diverse populations in a variety of health care settings through experiential learning. Integral components of the course are critical thinking, clinical reasoning, cultural sensitivity, and effective and therapeutic communication. The role of the baccalaureate generalist nurse is reinforced. Three credit hours theory, two credit hours clinical. *Prerequisite: NSG 331*

NSG 415 Nursing Leadership and Care Management (3)

Introduces the principles of leadership and care management essential to nursing practice. Focuses on decision making, delegation, prioritization, communication, advocacy, power, conflict resolution, negotiation, accountability, and change. Principles of quality and safety are incorporated as essential elements to nursing practice. Informatics and technology are integrated throughout the course. *Prerequisite: NSG 331. Recommended to be taken the trimester prior to graduation.*

NSG 420 Maternal/Newborn Nursing (5)

Focuses on holistic, safe and quality care for childbearing women and their families. Experiential learning in a variety of settings provides opportunities to develop cultural sensitivity, clinical reasoning, communication skills, professionalism, and leadership. The role of the baccalaureate generalist nurse is reinforced. Three credit hours theory, two credit hours clinical. *Prerequisite: NSG 331.*

NSG 442 Senior Nursing Capstone (7)

Focuses on the student's transition as a baccalaureate generalist graduate. Emphasis is on clinical/critical reasoning to address simple to complex situations across the lifespan and health-illness continuum from a holistic approach. Provides experiential learning under the direction of nurse preceptors and nursing faculty in a variety of practice settings. The student engages in inquiry that is evidence-based and applies research principles in the clinical setting. Informatics and technology are integrated throughout the course. Synthesis of knowledge from prior nursing courses and general education studies is required for successful completion. Three credit hours theory, four credit hours clinical. *Must be taken trimester of anticipated graduation. Prerequisite: NSG 415.*

NSG 445 Senior Seminar (1)

Focuses on the transition from student to entry-level professional nurse. Attendance at a NCLEX-RN review course and practice with NCLEX-RN type questions are integral components of this course. Passage of a comprehensive exit examination is required for successful completion of the course. *Must be taken trimester of anticipated graduation.*

NSG 451 Community Health Nursing (5)

Introduces the student to population-focused care. Emphasis is placed on health promotion and disease and

injury prevention across the lifespan. Interprofessional communication and collaboration, professional standards, cultural sensitivity, and ethical decision making are emphasized. Teaching theories and techniques, technology, environment, health policy, financial resources, and advocating for social justice are integral components. The role of the baccalaureate generalist nurse is reinforced. Three credit hours theory, two credit hours clinical. *Prerequisite: NSG 335.*

NSG 461 Leadership and Case Management (6)

Focuses on theories and concepts of leadership and case management. Emphasis is on developing and applying behaviors that promote quality and safety. Clinical experiences provide students with opportunities to coordinate care for individuals and families within and across levels of care. Evidence-based practice, informatics, and professional practice are integral components. Four credit hours theory, two credit hours clinical. *Prerequisites: NSG 335 and NSG 451.*

DIVISION OF ALLIED HEALTH

Administration

Carol L. Warren

Dean

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Academic Operations Coordinator

Kira Anderson

Chair and Assistant Professor
Respiratory Care

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Chair and Assistant Professor
Nuclear Medicine Technology
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Julie Lasley

Chair and Associate Professor
Radiation Therapy
Distinguished Faculty 2012

Vacant

Chair and Associate Professor
Medical Radiography

Connie Willis

Chair and Assistant Professor
Diagnostic Medical Sonography

Darius Wilson

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Medical Laboratory Science

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Care

Christen Ganley

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Heather McCain

Instructor
Diagnostic Medical Sonography

Benjamin Roberts

Instructor

Medical Radiography

Debra Smith

Instructor
Medical Radiography

PHILOSOPHY

The Allied Health faculty of Baptist College believe that the baccalaureate degree provides the academic and experiential foundations to prepare graduates for challenging careers as leaders in health care. Through an integrated, goal-directed educational experience, graduates are prepared to provide responsive, quality care, and service to a diverse population in a variety of settings. This goal is readily accomplished in an atmosphere grounded in the Christian principles reflected in the mission of Baptist College.

Faculty believe that quality educational experiences are enhanced when responsibility is shared between the instructor and the learner. Since each learner comes to Baptist College with unique strengths, talents, and previous experiences, the faculty are committed to maximizing the development of the individual's potential, in order to meet the education standards of the discipline.

GOAL

To fulfill the mission of Baptist College, the Allied Health Division is committed to educating health care professionals in a Christian atmosphere for diverse practice environments.

The faculty and staff of the Allied Health Division of Baptist College are committed to providing quality educational programs in a learning-centered environment to promote student success.

CLINICAL ASSIGNMENTS INFORMATION

CPR Certification

All students who have direct patient contact must complete Cardiopulmonary Resuscitation (CPR) training prior to beginning clinical experiences. If required by the discipline, students must participate in classes offered by Baptist College and provide evidence of current certification in CPR for the Health Care Provider, administered by the American Heart Association, before beginning clinical courses.

Criminal Background Check

All students must complete a criminal background check and provide evidence of background clearance prior to beginning clinical experiences. Criminal background checks are coordinated through Baptist College Student Services.

Health Records and Training

Upon admission to Baptist College, students must submit proof of immunizations as required in the Mandatory Health Records and Training policy:

A. Health Requirements for Enrollment:

1. Documentation of immunity for measles, mumps, rubella, tetanus, diphtheria; negative TB screening; and initiation of Hepatitis B series
2. Documented immunity for chicken pox (varicella).
3. Verification of Health Insurance coverage.

B. Health-related Prerequisites Prior to Clinical Courses:

1. Completion of Hepatitis B series unless documented medical reason given. Declination statement must be signed in this instance.
2. Documentation of current tuberculosis skin test at-time of enrollment and annually thereafter.
3. Documentation of negative urine drug screen prior to entrance into clinical coursework.
4. Documentation of flu immunization.

C. Educational Requirements Prior to Clinical Courses:

1. Documentation of attendance at education sessions on Universal Precautions and OSHA Blood Borne Pathogens in the first professional clinical courses and annually thereafter.
2. Basic Life Support (BLS) training as designated by programs.

Professional Attire

All allied health students must demonstrate professional appearance in attire and grooming during clinical assignments. Unless otherwise required by a clinical site, allied health students must wear grape scrubs and short white lab coats with the Baptist College patch on the left chest above the pocket. Students should refer to the program-specific Clinical Handbook in the individual discipline for detailed information related to the required professional attire and appearance standards. In addition, students must always wear their Baptist College identification badge clearly visible to faculty and staff, patients, and clinical colleagues at all times.

Transportation

Due to the limited number of clinical sites available, students may be assigned to out-of-town locations in order to gain the appropriate amount and type of clinical experiences necessary to provide sufficient opportunities to demonstrate required program outcomes. Transportation to, from, and during all clinical assignments is the responsibility of the student.

ALLIED HEALTH SCIENCE COURSE DESCRIPTIONS

Allied Health Science courses are inter-professional and open to all disciplines. These courses are taught by faculty in Allied Health.

AHS202 Medical Terminology for the Health Sciences (2)

This course will focus on the applications of the rules for constructing and defining medical terms with an emphasis on prefixes, suffixes, root words, and combining

forms. (Open to all disciplines)

AHS204 Patient Care (3)

This course provides an interdisciplinary approach to the acquisition of knowledge and skills related to the care of patients in healthcare settings. Emphasis will be placed on regulatory compliance, patient assessment, patient safety, and medical interventions. Two hour lecture; three hour lab per week.

AHS310 Medical Informatics (1)

This course introduces health care information and technology systems used in clinical practice, including mandatory patient-centered documentation for federal, state and credentialing agencies.

AHS390 Aspects of Leadership for Health Sciences Professionals (3)

This course explores attributes and skill sets essential for health science professionals as team members, educators, and leaders. Concepts and behaviors relevant to the facilitation of collaboration, patient/family and peer education, leadership, and management, relative to the provision of health services and related financial impact are emphasized.

DIAGNOSTIC MEDICAL SONOGRAPHY

Mission

The Diagnostic Medical Sonography degree program of Baptist Memorial College of Health Sciences will provide an excellent educational program to prepare students to enter the dynamic field of diagnostic medical sonography.

Program Learning Outcomes

To prepare competent entry-level general sonographers and entry-level vascular sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

Upon completion of the course of study in Diagnostic Medical Sonography, graduates will:

- Function as a knowledgeable entry-level sonographer.
- Demonstrate clinical proficiency of sonographic procedures.
- Exhibit behavior skills that reflect professionalism, effective communication, and time management skills.

Accreditation of the Program

The program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) on recommendation by the Joint Review Committee on Education Programs in Diagnostic Medical Sonography (JRC-DMS). The program at Baptist College is accredited in both the general and vascular concentrations.

- CAAHEP (1361 Park Street, Clearwater, FL 33756, 727-210-2350, www.caahep.org)
- JRC-DMS (6021 University Blvd. Suite 500 Ellicott City, MD 21043, 443-973-3251, www.jrcdms.org)

Applying to the Program

To be considered for selection to the Diagnostic Medical Sonography (DMS) program, applicants must meet the following minimum requirements:

- Meet all Baptist College admission requirements and be accepted to the College. Admission to Baptist College does not guarantee selection to the DMS program.
- Complete at least **24 credit hours** of pre-program coursework as specified by the DMS program.
 - Courses marked with an asterisk in the degree requirements must be completed in the required 24 credit hours.
 - Students will be required to complete all pre-program courses, specified by the DMS program, prior to enrollment into professional DMS courses. Students should earn a "B" or better in all pre-program courses to be competitive.
- Earn a minimum cumulative 2.7 GPA (4.0 scale) which only includes grades earned in courses taken at Baptist College as well as grades earned in courses transferred to Baptist College.

- Submit completed **Intent to Apply to Allied Health Program** and signed Technical Standards forms to their academic advisor. The forms must be submitted **prior to the final applicable published deadline.**

Class size is limited and the selection process is competitive. Academic performance and a general understanding of the DMS profession are strongly considered during the selection process.

Deadlines for Application to the DMS Program:

A student is considered to be in the pre-DMS program once they are admitted to Baptist College and have declared a major. To progress from a pre-DMS to the professional program, the student must have completed required program pre-requisites and apply for selection into the professional program. All completed applications and supporting documentation must be received or postmarked by the published deadlines to be considered for selection. Cohorts will begin the professional course work in the trimester of the year that follows acceptance into the program. For example, if a student is selected in June 2020, the student would start the professional program in summer 2021. The deadline to apply for selection to the professional program is June 1. Based on program needs, an October 1 applicant pool may also be considered.

Selection Process

A selection committee for the DMS professional program will evaluate all completed applications. Applicants meeting the following criteria will receive priority consideration for interviews: current enrollees at Baptist College, applicants with a strong academic background, and applicants completing pre-program courses at institutions with collaborative or articulation agreements. Because selection is competitive, applicants meeting minimum selection criteria are not guaranteed an interview. Some students may choose to indicate interest in more than one program to increase their chances of being accepted during a year of highly competitive applicants.

Selection to the DMS program is based on the following:

- Academic potential for success from the academic record.
- Academic strength in previous college coursework, with specific attention given to performance in the pre-program courses.
- Past failures affecting cumulative college GPA and pre-program courses may impact selection into the program. Each file will be considered individually.
- Preference may be given to qualified applicants completing courses at Baptist College.
- A written essay and personal interview will be required of each applicant. The written essay will be completed on the campus of Baptist College prior to the personal interview. Students will be evaluated on personal strengths and knowledge of Diagnostic Medical Sonography program and profession.

Notification of Selection

Applicants will be notified in writing of selection to the DMS program.

Technical Standards

The following performance/technical standards and essential functions outline reasonable expectations of a student in the diagnostic medical sonography program for the performance of common sonographer functions. Students enrolled in the DMS Program at Baptist College must exhibit and acknowledge having the abilities and skills according to the standards listed below:

- Ability to communicate with a wide variety of people and the ability to be easily understood. Reading, writing, recording and documenting accurate patient information required.
- Analytical skills sufficient to process information, to transfer knowledge from one situation to another, and to prioritize tasks.
- Critical thinking ability sufficient for safe, clinical judgment.
- Auditory abilities sufficient to monitor and assess patient needs; to detect and respond to alarms, emergency signals, and cries for help; to accurately distinguish Doppler sound differences.
- Ability to perform repetitive motion activities, maintain prolonged arm and wrist positions, possess fine motor and good hand-eye coordination abilities sufficient to provide safe and effective care.
- Ability sufficient for observation and assessment necessary for the care of patients and operation of equipment. Including the ability to discriminate shades of gray and color, to work in a variety of lighting conditions, and to possess the three dimensional depth perceptions.
- Emotional and mental health sufficient to establish therapeutic boundaries, to perform multiple tasks concurrently, and to handle strong emotions.
- Physical ability, flexibility, strength, and stamina sufficient to provide safe and effective care.

Degree Requirements for Bachelor of Health Sciences in Diagnostic Medical Sonography

Total
Total Credit Hours for Degree Requirement

65 Hrs
126 Hrs

***These courses must be completed as a part of the 24 hours of required pre-program courses to be considered for selection into the Diagnostic Medical Sonography Program.**

General Education Courses/Pre-Professional Courses

| | | |
|-------------------------------|---|---------------|
| AHS 202 | Medical Terminology for the Health Sciences | 2 |
| BIO 201* | Anatomy & Physiology I | 4 |
| BIO 202* | Anatomy & Physiology II | 4 |
| BIO 301 | Pathophysiology | 3 |
| BIO 320 | Cross Sectional Anatomy | 2 |
| ENG 101* | English Composition I | 3 |
| ENG 102* | English Composition II | 3 |
| ENG 103 | Writings for the Health Care Profession | 1 |
| ENG 201, 202, 203 or 204 | Literature Elective | 3 |
| HCM 440 | Legal Environment of Healthcare | 3 |
| HSC 104 | Baptist College Experience | 1 |
| HSC 301 | U.S. Health Care Systems | 3 |
| MAT 110/MAT 240* | College Algebra/Elements of Calculus | 3 |
| MAT 211 | Statistics | 3 |
| PHI 301 | Biomedical Ethics and Values | 3 |
| PHY 305 | Physics I | 4 |
| PHY 315 | Physics II | 4 |
| PSY 201 | General Psychology | 3 |
| REL 201, 210, 220, 301 or 302 | Religion Elective | 3 |
| SOC 201 | Introduction to Medical Sociology | 3 |
| SPE 211/COM 220 | Speech Fundamentals/Intercultural Communication | 3 |
| Total | | 61 Hrs |

Diagnostic Medical Sonography (DMS) professional courses are offered once a year and specifically sequenced to develop progressively complex competencies by building upon previous courses and experiences. All professional courses in an academic term must be completed satisfactorily in order to progress to subsequent courses in the degree plan. Please refer to the DMS sample degree plan for professional course sequencing.

Professional Courses

| | | |
|---------|--|---|
| AHS 204 | Patient Care | 3 |
| DMS 310 | Foundations of Diagnostic Medical Sonography | 3 |
| DMS 353 | General Sonography I | 3 |
| DMS 354 | General Sonography II | 3 |
| DMS 355 | General Sonography III | 3 |
| DMS 380 | Vascular Sonography I | 3 |
| DMS 381 | Vascular Sonography II | 3 |
| DMS 392 | Introduction to Clinical Practice | 3 |
| DMS 393 | Clinical Practicum 1 | 4 |
| DMS 400 | Capstone Seminar | 1 |
| DMS 436 | Physical Principles of Ultrasound and Instrumentation I | 3 |
| DMS 437 | Physical Principles of Ultrasound and Instrumentation II | 3 |
| DMS 462 | Obstetrical and Gynecological Sonography I | 3 |
| DMS 463 | Obstetrical and Gynecological Sonography II | 3 |
| DMS 474 | Cardiovascular Hemodynamics and Physiology | 1 |
| DMS 475 | Cardiac Sonography I | 3 |
| DMS 476 | Cardiac Sonography II | 3 |
| DMS 495 | Clinical Practicum II | 4 |
| DMS 496 | Clinical Practicum III | 4 |
| DMS 497 | Clinical Practicum IV | 4 |
| DMS 498 | Clinical Practicum V | 5 |

Diagnostic Medical Sonography Course Descriptions

DMS 310 Foundations of Diagnostic Medical Sonography (3)

This beginning course offers an introduction to the basic theories of Diagnostic Medical Sonography to include: historical developments, ultrasound terminology, patient-sonographer-clinician interaction, communication skills, sonographic techniques and protocols, scope of practice, image quality definitions, and overview of ultrasound applications. Must be first course taken in Diagnostic Medical Sonography program. Lecture and lab. **Successful completion of all required pre-professional courses and patient care or permission of program chair.** Prerequisites: AHS 202, BIO 301, BIO 320, and AHS 204.

DMS 350 Abdominal Sonography I (3)

The study and application of medical sonography as it relates to abdominal organs and retroperitoneal structures. Clinical signs and symptoms, pertinent lab values, pathophysiology, and differential diagnosis will be presented. Lecture and lab.

DMS 351 Abdominal Sonography II (3)

Continuation of Abdominal Sonography I. The course will include specific sonography examinations including the thyroid, scrotum, breast, and prostate as they relate to abdominal sonography. Clinical signs and symptoms, pertinent lab values, pathophysiology, and differential diagnosis will be presented. Lecture and lab.

DMS 353 General Sonography 1 (3)

Study and application of diagnostic medical sonography with a focus on abdominal and retro peritoneal structures. Topics to include anatomy, physiology, pathology, examination techniques, clinical symptoms, and sonographic appearance of adult and pediatric abdominal and retroperitoneal structures. Two hours lecture, three hours lab per week.

DMS 354 General Sonography II (3)

Continuation of DMS 353 with a focus on superficial structures. Topics to include anatomy, physiology, pathology, examination techniques, clinical symptoms, and sonographic appearance of adult and pediatric superficial structures. Thyroid and parathyroid glands, male reproductive system, musculoskeletal system, and breast will be covered. Two hours lecture, three hours lab per week. Prerequisite: DMS 353 General Sonography I Co-requisite: DMS 355 General Sonography III.

DMS 355 General Sonography III (3)

Study and application of diagnostic medical sonography with a focus on pediatric examinations. Topics to include anatomy, physiology, pathology, examination techniques, clinical symptoms, and sonographic appearance of various pediatric examinations. Gastrointestinal tract, neonatal head and spine, and pediatric hip will be covered. Three hours lecture per week. Pre-requisite: DMS 353 General Sonography I Co-requisite: DMS 354 General Sonography II

DMS 380 Vascular Sonography I (3)

The study and application of medical sonography related to central and peripheral arterial system, cerebral arterial

system, and venous systems. Topics will include signs and symptoms, risk factors, contributing diseases, physical examination, noninvasive testing, and invasive testing. Lecture and lab.

DMS 381 Vascular Sonography II (3)

Continuation of Vascular Sonography I. Topics will include signs and symptoms, risk factors, contributing diseases, physical examination, noninvasive testing, and invasive testing involved in the sonographic evaluation of arterial disease testing and cerebral artery testing. Test validation of vascular sonography will also be discussed. Lecture and lab.

DMS 392 Introduction to Clinical Practice (3)

Introduction to the clinical setting. Students will obtain clinical experience through active participation in various medical sonography settings. Sixteen hours of clinic per week.

DMS 393 Clinical Practicum I (4)

Clinical experience obtained in assigned clinical settings. Competency evaluation of medical sonography procedures will be completed. Twenty-four hours of clinic per week.

DMS 400 Capstone Seminar (1)

A senior capstone course that emphasizes research, career portfolio, and professional development.

DMS 436 Physical Principles of Ultrasound and Instrumentation I (3)

Designed to provide the theoretical and practical concepts of ultrasound and Doppler instrumentation. The course focuses on ultrasound terminology, sound wave concepts, knobology, transducers, ultrasound imaging systems, beam patterns, and tissue mechanics. Prerequisite: PHY 315

DMS 437 Physical Principles of Ultrasound and Instrumentation II (3)

Continuation of Physical Principles of Ultrasound and Instrumentation I. The course focuses on beam and image artifacts, arterial and venous hemodynamics, Doppler effects, system performance testing, bioeffects, and advanced concepts. Emphasizes the different uses of sonography in the clinical setting and operation of equipment.

DMS 453 Neurosonography (2)

The study and application of medical sonography related to neurosonography. Topics to include examination techniques, recognition of pathology, differential diagnosis, pertinent lab values, anatomy, and clinical signs and symptoms.

DMS 462 Obstetrical and Gynecological Sonography I (3)

The study and application of medical sonography related to the reproductive organs of the female and obstetrical sonography. Topics to include anatomy, pathology, image production and interpretation, examination techniques, and differential diagnosis. Lecture and lab.

DMS 463 Obstetrical and Gynecological Sonography II (3)

Continuation of DMS 462 with emphasis on second trimester, third trimester, maternal, and fetal complications involved in obstetrical sonography. The course will in-

clude specific indications for obstetrical ultrasound examinations, interpretation of lab values, pathophysiology, image analysis, and differential diagnosis. Lecture and lab.

DMS 474 Cardiovascular Hemodynamics and Physiology (1)

The study and application of diagnostic medical sonography related to the cardiovascular system hemodynamics and physiology. Topics will include cardiovascular anatomy, hemodynamics and physiology principles, practical application, and performing echocardiography measurements. One hour of lecture. Prerequisites: DMS 380 Co-requisite: DMS 381

DMS 475 Cardiac Sonography I (3)

The study and application of diagnostic medical sonography related to adult echocardiography. Topics will include cardiac embryology and congenital defects, native and prosthetic heart valve disease, endocarditis, pericardial diseases, cardiac function, coronary artery disease, and performing an echocardiogram. Two hours of lecture and three hours of lab per week. Prerequisites: DMS 380, DMS 381, DMS 474.

DMS 476 Cardiac Sonography II (3)

The study and application of diagnostic medical sonography related to adult echocardiography. Topics will include cardiomyopathies, systemic diseases, cardiopulmonary diseases, cardiac tumors, aortic diseases, and advanced procedures including contrast, stress, transesophageal, and 3D/4D echocardiography, and performing an echocardiogram. Two hours of lecture

and three hours of lab per week. Pre-requisites: DMS 380, DMS 381, DMS 474, DMS 475.

DMS 495 Clinical Practicum II (4)

Continuation of assigned clinical experience. Students will be able to independently perform various sonographic examinations through active participation in medical sonography settings. Competency evaluation of medical sonography procedures will be completed. Twenty-four hours of clinic per week.

DMS 496 Clinical Practicum III (4)

Continuation of assigned clinical experience. Students will be introduced to new sonographic examinations through active participation in various medical sonography settings. Competency evaluation of medical sonography procedures will be completed. Twenty-four hours of clinic per week.

DMS 497 Clinical Practicum IV (4)

Continuation of assigned clinical experience. Students will independently perform sonographic examinations through active participation in various medical sonography settings. Competency evaluation of medical sonography procedures will be completed. Twenty-four hours of clinic per week.

DMS 498 Clinical Practicum V (5)

Continuation of assigned clinical experience from Clinical Practicum IV. Thirty-two hours of clinical experience per week.

MEDICAL LABORATORY SCIENCE

Mission

The mission of the Baptist College Medical Laboratory Science program is in alignment with the mission of the College. The MLS program mission is to provide:

- Exemplary laboratory education.
- Instruction necessary to educate individuals to become skilled, caring healthcare practitioners who value lifelong learning.
- Scholarly activity through practice-based research.
- Positive impact on the health status of the community through service.

Also in accordance with the mission of the College, educational experiences in the MLS program reflect the importance of a strong general educational foundation and include opportunities for critical thinking, use of technology, effective communication skills and the ability to work effectively with others.

Education Goals

1. Maintain a nationally accredited program in medical laboratory science.
2. Implement and promote the rules and regulations of the State of Tennessee Medical Laboratory Board for training programs for medical laboratory personnel.
3. Design and implement a curriculum whereby upon completion of the program the students demonstrate the entry level competencies to gain employment in the MLS or related laboratory field.
4. Provide a program to prepare well trained laboratory professionals who will be eligible to sit for the national certification examinations.
5. Display a commitment to the role and the development of the medical laboratory professional.
6. Develop in the students the necessary interpersonal and communication skills to professionally interact with patients, patients' families, physicians, and other members of the health care team.

MLS Program Learning Outcomes

Upon completion of their course of study, graduates of the Medical Laboratory Science program will:

- Perform the full range of clinical laboratory tests in the diagnostic areas appropriate for entry level practice.
- Demonstrate appropriate communication skills, education techniques and a commitment to professionalism.
- Evaluate validity of laboratory test results and take appropriate corrective action.
- Demonstrate an understanding of safety regulations and standard precautions.

Career Entry Level Competencies

The graduates of the MLS program will be able to:

1. Perform the full range of clinical laboratory tests in hematology, immunohematology, clinical chemistry, microbiology, serology/immunology, coagula-

tion/hemostasis, urinalysis, molecular, and other emerging diagnostics appropriate for entry level practice.

2. Determine specimen collection, processing and testing priorities, and organize workload according to laboratory priority classifications.
3. Integrate patient data for evaluation of validity of laboratory test results to include: confirm abnormal test results; correlate findings to disease processes; recognize discrepancies in patient results and quality control results and take appropriate corrective action; verify quality control procedures.
4. Evaluate test systems, laboratory procedures, and equipment using basic knowledge and skills in financial, operations, marketing, and human resource management of the clinical laboratory to enable cost effective, high-quality, value-added laboratory services.
5. Evaluate published laboratory studies with sufficient knowledge of research design and practice.
6. Implement basic knowledge and skills in information management to enable effective, timely, accurate, and cost-effective reporting of laboratory generated information.
7. Exhibit personal and professional conduct consistent with the Code of Ethics of the American Society of Clinical Laboratory Science.
8. Comply with safety regulations and standard precautions and evaluate quality assurance assessments.
9. Demonstrate appropriate interpersonal and communication skills to professionally interact with patients, patients' families, physicians, and other members of the health care team.
10. Demonstrate education techniques and terminology sufficient to train/educate users and providers of laboratory services.
11. Demonstrate a commitment to the principles and applications of professionalism to address ongoing professional career development and performance improvement.

Accreditation

The MLS program at Baptist College is accredited by National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

NAACLS contact information is 5600 North River Road, Suite 720, Rosemont, Illinois 60018, phone, 773-714-8880, or web address, www.naacls.org.

Tennessee State Licensure Requirement

All medical laboratory personnel and special analysts in Tennessee must hold current Tennessee licensure, unless specifically exempt by statute or rules promulgated by the Tennessee Medical Laboratory Board.

The MLS program at Baptist College has been granted a certificate by the Tennessee Department of Health to conduct and maintain a school for training medical laboratory personnel in the specialty of medical laboratory technologist, general. Tennessee Medical Laboratory

Board contact information is Metro Center Complex, 665 Mainstream Drive, Nashville, TN 37423; phone, 615-532-3202, or web address, www.tennessee.gov.

Applying to the Program

To be considered for selection to the Medical Laboratory Science program, applicants must meet the following minimum requirements:

- Complete 68 credit hours of pre-program coursework with a “C” or better, as specified by the MLS program (courses marked with an “asterisk” in the degree requirements must be completed in the required **68 credit hours**).
- Students will be required to complete all pre-program courses, specified by the MLS program, prior to enrollment into professional MLS courses.
- Achieve a minimum cumulative college **GPA of 2.7** on a 4.0 scale.
- Submit completed application form to the MLS program and signed Essential Functions forms to Baptist College. The forms are required to be submitted **prior to the applicable application date (December 1 or April 1)**.

Class size is limited and the selection process is competitive. Academic performance and a general understanding of the MLS profession are strongly considered during the selection process.

Deadlines for Application for Program Selection

All completed applications and supportive documentation must be received or postmarked by the published deadlines to be considered for selection to begin the MLS professional course work in the Fall Trimester of the following year. The deadline for **early selection** of a limited number of class seats is **December 1**. The deadline for **final selection** to the program is **April 1**.

Selection Process

A selection committee for the MLS program will evaluate all completed applications in December and April each year. Applicants with a strong academic background and currently enrolled in Baptist College, or completing pre-program courses at institutions with collaborative or articulation agreements, will be given priority for interviews. Applicants meeting minimum selection criteria are not guaranteed an interview.

Selection to the MLS program is based on the following:

- Academic potential for success from the academic record.
- Academic strength in previous college coursework, with specific attention given to performance in the pre-program courses.
- Personal strengths and knowledge of Medical Laboratory Science program.
- Past failures affecting cumulative college GPA and pre-program courses may impact selection into the program. Each file will be considered individually.

A personal interview will be required of each applicant.

Notification of Selection

Applicants will be notified in writing of selection to the MLS program.

Essential Functions/Technical Standards

Essential Functions are the nonacademic requirements of the program that a student must be able to master to participate successfully in the MLS program and become employable. Applicants must possess the following list of technical abilities and skills. If you are not sure that you will be able to meet these essential functions, please consult with the Program Chair of Medical Laboratory Science for further information and to discuss individual situations.

Any student with special needs who is requesting reasonable accommodations or assistive technology may do so through the Office of Disability Services.

1. **Communication:** Ability to verbally communicate understandably in English and to understand English when spoken in person or via the telephone. Ability to compose English sentences; write reports using prescribed format and conforming to rules of punctuation, spelling, grammar, diction and style. Ability to follow oral and written instruction to correctly perform laboratory procedures. Ability to listen accurately and have a fine discrimination in sounds.
2. **Vision:** Natural or corrected to 20/20, ability to distinguish red, yellow, and blue colors, distinguish clear from cloudy, and distinguish objects in the range of 1 micron through the microscope.
3. **Mobility:** Ability to maneuver in the laboratory, around instruments, in confined spaces, and in patient rooms. Movement includes utilizing shoulders, arms, and neck; bending; twisting the body; standing; reaching and grasping overhead, in front of the body, and down. Ability to manipulate small objects with fingertips or control adaptive devices. Eye/hand and eye/hand/foot coordination.
4. **Cognitive:** Ability to add, subtract, multiply and divide whole numbers and fractions, calculate time, use metric system for measurements, calculate percentages, solve for one variable, set-up and solve ratio and proportion problems, interpret simple statistical data. Ability to comprehend manuals, journals, instructions in use and maintenance of equipment, safety rules and procedures and drawings. Ability to synthesize, coordinate, and analyze data standards. Ability to deal with abstract and concrete variables, define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret instructions furnished in oral, written, diagrammatic, or schedule form.
5. **Perception:** Ability to perceive pertinent detail in objects or in pictorial or graphic material; to make visual comparisons and discriminations and see slight differences in shapes and shadings of figures, and widths and lengths of line; to comprehend forms in space and understand relationships of plane and solid objects; the ability to visualize objects of two or three dimensions.

6. Personal Traits: Ability to comprehend and follow instruction; perform simple and repetitive tasks; maintain a work pace appropriate to a given work load; relate to other people; perform complex or varied tasks; make generalizations, evaluations or decisions without immediate supervision; accept and carry out responsibility for directions, control and planning. Perform all duties with honesty, integrity, and confidentiality.
7. Environmental: Ability to work indoors, be around moving machinery; factors: fumes, gases, odors, irritating particles, possible exposure to toxic or caustic chemicals, blood and body fluids, noise, radiation or electrical energy, vibration; work in confined spaces, use a computer monitor; work alone, with others, or around others. Lift and move objects weighing up to 20-50 pounds.

Degree Requirements for Bachelor of Health Sciences in Medical Laboratory Science

*These courses are required prior to enrolling in Medical Laboratory Science Professional Courses

General Education/Pre-Professional Courses

| | | |
|--------------------------------|---|---------------|
| BIO 205 | Microbiology | 4 |
| BIO 110, 120, 201, 202, or 350 | Biology/Natural Science Electives | 9 |
| BIO 390* | Immunology | 3 |
| CHE 115* | General Chemistry I | 4 |
| CHE 125* | General Chemistry II | 4 |
| CHE 210* | Organic Chemistry I | 4 |
| CHE 220 | Organic Chemistry II or higher level of chemistry | 4 |
| CIS 110 | Introduction to Computer Concepts | 3 |
| ENG 101* | English Composition I | 3 |
| ENG 102* | English Composition II | 3 |
| ENG 201, 202, 203, 204* | Literature Elective | 3 |
| ENG/PHI | Humanities/Fine Arts Elective | 6 |
| MAT 110* | College Algebra | 3 |
| PSY 201* | General Psychology | 3 |
| PSY/SOC | Behavioral/Social Science Electives | 6 |
| REL 201, 220, 210, 301, or 302 | Religion Elective | 3 |
| SPE 211/COM 220* | Speech Fundamentals/Intercultural Communication | 3 |
| Total | | 68 Hrs |

Medical Laboratory Science Professional Courses

| | | |
|--------------|------------------------------------|---------------|
| MLS 301 | Urinalysis | 2 |
| MLS 306 | Clinical Immunology | 2 |
| MLS 320 | Clinical Laboratory Techniques | 1 |
| MLS 311 | Coagulation | 2 |
| MLS 315 | Hematology I | 3 |
| MLS 325 | Clinical Microbiology | 6 |
| MLS 330 | Hematology II | 3 |
| MLS 335 | Immunohematology | 6 |
| MLS 340 | Introduction to Clinical Practicum | 3 |
| MLS 400 | Molecular Diagnostics | 2 |
| MLS 405 | Clinical Chemistry | 6 |
| MLS 410 | Clinical Practicum I | 5 |
| MLS 415 | Simulated Laboratory | 2 |
| MLS 420 | Clinical Seminar | 3 |
| MLS 425 | Laboratory Management and Research | 3 |
| MLS 430 | Clinical Practicum II | 5 |
| Total | | 54 Hrs |

Total Hours for Degree 122 Hrs

Medical Laboratory Science Course Descriptions

MLS 300 Urinalysis (2)

This course is a study of the physiologic mechanisms of the kidney along with the importance of the kidney in homeostasis and other body fluids commonly encountered in the clinical laboratory. Laboratory practice is a required component. *Prerequisite: Admission into the MLS program. Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS 305 Clinical Immunology (2)

This course is a study of the human immune system in health and disease and the theory, practical application and evaluation of immunologically related disorders. Laboratory practice is a required component. *Prerequisite: Admission into the MLS program. Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS 311 Coagulation (2)

This course is a study of the theory and procedures of the coagulation and fibrinolytic systems. Laboratory practice is a required component. *Prerequisite: Admissions to the MLS program; Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS 315 Hematology I (3)

This course is a study of the origin, maturation, and morphology of the normal formed elements of human blood and the theory and application of routine hematology tests, specimen collection and processing, and basic phlebotomy techniques. The anemias will also be studied in this course. Laboratory practice is a required component. *Prerequisite: Admission into the MLS program; Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS 320 Clinical Laboratory Techniques (1)

This course is an overview of issues and skills necessary in a modern laboratory environment to include relevant clinical laboratory techniques/procedures, quality assurance, and laboratory safety. Activities/assignments to fulfill the Baptist College Experience requirements are also included. A selected clinical experience in the assigned clinical laboratories is required upon successful completion of the didactic component.

MLS 325 Clinical Microbiology (6)

This course is a study of the theory, practical application, technical performance, and evaluation of procedures in bacteriology, virology, parasitology, and mycology. Laboratory practice is a required component. *Prerequisites: General/College microbiology and must enroll in all MLS courses offered in the trimester. Corequisite: Must enroll in all MLS courses offered in the semester.*

MLS 330 Hematology II (3)

This course is a study of the formation and identification of abnormal formed elements in human blood with correlations to disease processes and the theory and application of special hematology tests. Laboratory practice is a required component. *Prerequisite: MLS 315; admissions to the MLS program. Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS335 Immunohematology (6)

This course is a study of the basic principles of blood banking in relation to blood grouping, typing, compatibility testing, and antibody identification. Also included are topics on donor processing, preparation of components and component therapy, transplant medicine, pretransfusion problem solving, adverse transfusion reactions, hemolytic disease of the newborn, immune hemolytic disorders, parentage testing, regulatory and accreditation requirements. Laboratory practice is a required component. *Prerequisites: MLS 305;MLS 310. Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS 340 Introduction to Clinical Practicum (3)

This course is a selected clinical experience in the assigned clinical laboratories. The introduction to clinical practicum will provide students the initial opportunity to train in a clinical lab after successfully completing the didactic components. The student will work under the supervision of medical laboratory scientists in clinical immunology, coagulation, urinalysis, and phlebotomy. *Prerequisites: MLS 300, MLS 305, MLS 310, MLS 320.*

MLS 400 Molecular Diagnostics (2)

This course is a study of the principles of molecular methods and their application in the diagnosis of disease. Topics include the anatomy of a gene, the roles and components of DNA and RNA in a cell, nucleic acid structure, and molecular techniques in a clinical laboratory. *Prerequisite: CHE 101, CHE 201, Organic Chemistry I and II or higher level, MLS 300, MLS 305 and admission into the MLS program. Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS405 Clinical Chemistry(6)

This course is a study of the theory, techniques and procedures to identify and quantitate chemical analytes in blood and body fluids and the correlation of these analytes to human disease. Laboratory practice is a required component. *Prerequisites: CHE 101, CHE 201, Organic chemistry II or higher level chemistry, MLS 300, MLS 305 and admission into the MLS program. Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS410 Clinical Practicum I (5)

This course is a selected clinical experience in the assigned clinical laboratories. The clinical practicum will provide students an opportunity to develop competencies in immunohematology and hematology under the supervision of medical laboratory scientists. *Prerequisites: MLS 300, MLS 305, MLS 310, MLS 315, MLS 325, MLS 330, MLS 335, and admission into the MLS program. Corequisite: Must enroll in all MLS courses offered in the*

trimester.

MLS 415 Simulated Laboratory (2)

This course is designed for the students enrolled in the last trimester of the MLS program. Students will apply theory and techniques in a simulated clinical laboratory. The students will practice work organization, correlate results, perform quality control and quality assurance procedures. The students will also exercise management and decision making skills. *Prerequisites: MLS 300, MLS 305, MLS 320, MLS 315, MLS 330, MLS 335, MLS 400, MLS 405, MLS 410 and admission into the MLS program. Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS 420 Clinical Seminar (3)

This course is designed to prepare the student for career planning and employment and to review educational materials in the areas of Medical Laboratory Science to prepare for a comprehensive examination at the end of the course, which will simulate the national certification examination for MLS. *Prerequisites: MLS 300, MLS 305, MLS 310, MLS 315, MLS 325, MLS 330, MLS 335, MLS 400, MLS 405, MLS 410, and admission into the MLS program. Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS 425 Laboratory Management and Research (3)

This course is a study of the principles of laboratory administration and operating a clinical laboratory. Topics include human resource management, operations management, governmental regulations, and standards, U.S. health systems, educational methodologies used to train/educate users and research design/practice for the supervisor and laboratory manager. Three hours lecture. *Prerequisites MLS 300, MLS 305, MLS 320, MLS 315, MLS 325, MLS 330, MLS 335, MLS 400, MLS 405, MLS 410, and admission into the MLS program. Corequisite: Must enroll in all MLS courses offered in the trimester.*

MLS430 Clinical Practicum II (5)

This course is a selected clinical experience in the assigned clinical laboratories. The clinical practicum will provide students an opportunity to develop competencies in microbiology, parasitology, mycology, virology, chemistry and molecular diagnostics under the supervision of medical laboratory scientists. *Prerequisites: MLS 300, MLS 305, MLS 310, MLS 315, MLS 325, MLS 330, MLS 335, MLS 400, MLS 405, MLS 410, and admission into the MLS program. Corequisite: Must enroll in all MLS courses offered in the trimester.*

MEDICAL RADIOGRAPHY

Mission

The mission of the Medical Radiography program is to provide quality education in a Christian atmosphere to prepare graduates to be competent, entry level radiographers.

Program Learning Outcomes

Graduates/students of the Medical Radiography Program will:

- Show clinical competency
- Demonstrate communication skills
- Develop critical thinking skills
- Model professionalism
- Meet outcomes consistent with JRCERT Standards

See Quick Links on Baptist College website (www.bchs.edu) for student learning outcomes related to educational goals

Accreditation

The Medical Radiography Program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The contact information for JRCERT is 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182, www.jrcert.org or call (312) 704-5300.

Applying to the Program

To be considered for selection to the Medical Radiography program, applicants must meet the following minimum requirements:

- Meet all Baptist Memorial College of Health Sciences admission requirements and be accepted to the College. Admission to Baptist College does not guarantee selection to the Medical Radiography program.
- Complete at least **24 credit hours** of pre-program coursework as specified by the Medical Radiography program.
 - Courses marked with an asterisk in the degree requirements must be completed in the required 24 credit hours.
 - Students will be required to complete all pre-program courses, specified by the Medical Radiography program, prior to enrollment into professional Medical Radiography courses. Students should earn a "B" or better in all pre-program courses to be competitive.
- Earn a minimum cumulative **GPA of 2.7** (4.0 scale) which only includes grades earned in courses taken at Baptist College as well as grades earned in courses transferred to Baptist College.
- Submit completed **Intent to Apply to Allied Health Program** and signed Technical Standards forms to their academic advisor. The forms must be submitted **prior to the final applicable published deadline.**

Class size is limited and the selection process is competitive. Academic performance and a general understanding of the Medical Radiography profession are strongly considered during the selection process. Previous cohorts had an average cumulative GPA of 3.0 or higher.

Deadlines for Application to the Medical Radiography Program:

A student is considered to be in the pre-Medical Radiography program once they are admitted to Baptist College and have declared a major. To progress from a pre-Medical Radiography to the professional program, the student must have completed required program pre-requisites and apply for selection into the professional program. All completed applications and supporting documentation must be received or postmarked by the published deadlines to be considered for selection. Cohorts will begin professional course work in the trimester of the year that follows acceptance into the program. For example, if a student is selected in June 2020, the student would start the professional program in Fall 2021. The deadline to apply for selection to the professional program is **June 1**. Based on program needs, an **October 1** applicant pool may also be considered.

Selection Process

Applicants with a strong academic background and currently enrolled in Baptist College, or completing pre-program courses at institutions with collaborative or articulation agreements, will be given priority for interviews. Applicants meeting minimum selection criteria are not guaranteed an interview.

Selection to the Medical Radiography program is based on the following:

- Academic potential for success from the academic record.
- Academic strength in previous college coursework, with specific attention given to performance in the pre-program courses.
- Past failures affecting cumulative college GPA and pre-program courses may impact selection into the program. Each file will be considered individually.
- Preference may be given to qualified applicants completing courses at Baptist College.
- A written essay and personal interview will be required of each applicant. The written essay will be completed on the campus of Baptist College prior to the personal interview.

Notification of Selection

Applicants will be notified in writing of selection to the Medical Radiography program.

Technical Standards

The following technical standards outline reasonable expectations of a student enrolled in the Medical Radiography program for the performance of common functions.

- Ability to communicate with a diverse population and the ability to be easily understood. Reading, writing, and documenting patient information required.
- Analytical skills sufficient to process information, to transfer knowledge from one situation to another, and to prioritize tasks. Critical thinking ability sufficient for safe, clinical judgment.
- Auditory abilities sufficient to monitor and assess patient needs; to detect and respond to alarms, emergency signals, and calls for help.
- Ability sufficient for observation and assessment necessary for the care of patients, processing of medical images, and operation of medical equipment.
- Ability sufficient to access patients, perform procedures, and operate equipment.
- Physical ability, flexibility, strength and stamina sufficient to provide safe and effective care.
- Fine motor abilities sufficient to provide safe and effective care.

Degree Requirements for Bachelor of Health Sciences in Medical Radiography

*These courses must be completed as a part of the 24 hours of required pre-program courses to be considered for selection into the Medical Radiography program.

****These courses must be completed on campus prior to or concurrent with enrollment in professional courses. Students enrolled at Baptist College may take these courses prior to selection to the program. Transfer/articulation agreement students may complete after enrolled at Baptist College, unless an articulation agreement allows for transfer credit for these courses.**

General Education Courses/Pre-Professional Courses

| | | |
|--------------------------------|---|--------------|
| AHS 202 | Medical Terminology | 2 |
| BIO 201* | Anatomy & Physiology I | 4 |
| BIO 202* | Anatomy & Physiology II | 4 |
| BIO 301** | Pathophysiology | 3 |
| BIO 320** | Cross Sectional Anatomy | 2 |
| CIS 101 | Introduction to Computer Concepts | 3 |
| ENG 101* | English Composition I | 3 |
| ENG 102* | English Composition II | 3 |
| ENG 201, 202, 203, or 204 | Literature Elective | 3 |
| HSC 104 | Baptist College Experience | 1 |
| HSC 301 | U.S. Health Care Systems | 3 |
| HSC 320 or MAT 211 | Research for Health Professionals/Statistics | 3 |
| MAT 110/MAT 240* | College Algebra/Elements of Calculus | 3 |
| PHI 201, 202, or 301 | Philosophy Elective | 3 |
| PHY 305** | Physics I | 4 |
| PHY 315** | Physics II | 4 |
| PSY 201 | General Psychology | 3 |
| REL 201, 220, 210, 301, or 302 | Religion Elective | 3 |
| SOC 201 | Introduction to Medical Sociology | 3 |
| SPE 211/COM 220 | Speech Fundamentals/Intercultural Communication | 3 |
| Total | | 60Hrs |

Medical Radiography professional courses are offered once a year and specifically sequenced to develop progressively complex competencies by building upon previous courses and experiences. All

professional courses in an academic term must be completed satisfactorily in order to progress to subsequent courses in the degree plan. Please refer to the Medical Radiography sample degree plan for professional course sequencing.

Professional Courses

| | | |
|--------------|---|---------------|
| AHS 204 | Patient Care | 3 |
| RAD 211 | Foundations of Medical Radiography | 3 |
| RAD 221 | Radiographic Procedures I & Lab | 2 |
| RAD 320 | Radiographic Procedures II & Lab | 2 |
| RAD 322 | Radiographic Procedures III & Lab | 2 |
| RAD 331 | Intro to Rad Physics | 3 |
| RAD 340 | Image Production and Film Evaluation I & Lab | 2 |
| RAD 341 | Image Production and Film Evaluation II & Lab | 2 |
| RAD 390 | Clinical Practicum I | 4 |
| RAD 393 | Clinical Practicum II | 4 |
| RAD 394 | Clinical Practicum III | 4 |
| RAD 405 | Advanced Patient Care | 2 |
| RAD 432 | Radiation Biology and Protection | 3 |
| RAD 454 | Comparative Pathology | 3 |
| RAD 472 | Radiologic Technology Symposium | 3 |
| RAD 481 | CT Instrumentation Physics | 2 |
| RAD 483 | CT Procedures and Protocols | 2 |
| RAD 484 | Digital Imaging | 3 |
| RAD 490 | Clinical Practicum IV | 4 |
| RAD 493 | CT/MRI Practicum | 4 |
| RAD 494 | MR Instrumentation & Physics | 2 |
| RAD 495 | MRI Procedures and Protocols | 3 |
| Total | | 62 Hrs |

Total Credit Hours for Degree Requirement

122 Hrs

Medical Radiography Course Descriptions

RAD211 Foundations of Medical Radiography (3)
 Fundamental concepts of medical imaging. Focus of physical and technical skills needed to apply ionizing radiation with an emphasis on the introduction to radiographic positioning terminology, the proper manipulation of equipment, and basic radiographic procedures.

RAD 221 Radiographic Procedures I & Lab (2)
 Proper positioning of the client for demonstration of suspect pathology of the chest, abdomen, and the contents of each. Closely correlated with anatomy and physiology. Laboratory practice is a required component.

RAD 320 Radiographic Procedures II & Lab (2)
 Client positioning and care skills learned are applied to extremities and the vertebral column and correlated with clinical study. Laboratory practice is a required component.

RAD 322 Radiographic Procedures III & Lab (2)
 Continued applications of principles learned in Procedures I and II with emphasis on skull procedures. Laboratory practice is a required component.

RAD331 Introduction to Rad Physics (3)
 The structure of matter, electric circuitry (especially the x-ray circuit), interactions between ionizing radiation and matter, and the application of principles necessary for the production of x-rays.

RAD 340 Image Production and Film Evaluation I & Lab (2)
 Analysis of the various technical factors and equipment that affect the radiographic image. Laboratory practice is a required component.

RAD 341 Image Production and Film Evaluation II & Lab (2)

This course emphasizes the technical quality assurance of image production to include case presentations as a required component. Laboratory practice is a required component.

RAD 390 Clinical Practicum I (4)

Skills development in basic radiographic procedures. Topics include effective communication, operation of equipment, client care, and technical skills development. Twenty-four hours of clinic per week.

RAD 393 Clinical Practicum II (4)

Applications of concepts in a clinical setting. Emphasis on progression from the role of observer, to assistant, then to relative independence under the supervision of qualified clinical instructors, radiographers, and faculty. Twenty-four hours of clinic per week.

RAD 394 Clinical Practicum III (4)

Clinical course emphasizing progression from the role of assistant to greater independence under the supervision of qualified instructors, radiographers, and faculty. Clinical experiences progress in level of difficulty. Twenty-four hours of clinic per week.

RAD 405 Advanced Patient Care (2)

This course is designed to provide the student with skills and knowledge necessary for delivering care to patients undergoing specialized radiologic procedures. Topics include sterile technique, infection control, patient preparation, post-procedural care, and pharmacology and ECG.

RAD 432 Radiation Biology and Protection (3)

An emphasis on radiation safety and radiobiology in the clinical area to include patient and occupational dose.

RAD 454 Comparative Pathology (3)

This course is designed to provide the student with the knowledge of human disease or trauma and how these processes are depicted by various imaging technologies.

RAD 472 Radiologic Technology Symposium (3)

The study and analysis of selected examina-

tions/procedures and digital imaging topics form the basis of this course with an emphasis on preparation for the board examination.

RAD 481 CT Instrumentation and Physics (2)

Examination of computed tomography (CT) instrumentation and physics to include system operation and components, image processing and display, image quality, artifact recognition, and quality control.

RAD 483 CT Procedures and Protocols (2)

Examination of computed tomography (CT) procedures and protocols to include positioning, acquisition methods, parameter selection, and special procedures.

RAD 484 Digital Imaging (3)

This course examines the study and analysis of radiographic image production and image evaluation from a computed radiography (CR) and digital imaging perspective. Picture archiving communication systems (PACS), radiology information systems (RIS), and hospital information systems (HIS) will be discussed.

RAD 490 Clinical Practicum IV (4)

Moves the student towards full independence. Provides opportunities to refine skills through independent practice. Twenty-four hours of clinic per week.

RAD 493 CT/MRI Practicum (4)

Applications in Computed Tomography and Magnetic Resonance Imaging settings. Topics include operation of equipment, patient safety, technical skills, and client care.

RAD 494 MRI Instrumentation and Physics (2)

Examination of magnetic resonance imaging (MRI) instrumentation and physics to include system operation and components, image processing and display, image quality, artifact recognition, and quality control.

RAD 495 MRI Procedures and Protocols (3)

Examination of magnetic resonance imaging (MRI) procedures and protocols to include positioning, acquisition methods, parameter selection, and special procedures.

NUCLEAR MEDICINE TECHNOLOGY

Mission

The Nuclear Medicine Technology degree program of Baptist College will prepare competent entry-level nuclear medicine technologists to provide responsive, quality care and service.

Program Learning Outcomes

Upon completion of the NMT program, the graduate will be able to:

- Function as a knowledgeable entry-level nuclear medicine technologist.
- Exercise independent judgment and critical thinking skills in the technical performance of nuclear medicine procedures.
- Perform procedures in a manner that reflects professionalism, effective communication skills, ethical care, and compassionate care.

Accreditation of the Program

The NMT program is accredited by the Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT). The contact information for the JRCNMT is 2000 W. Danforth Rd. Suite 130 #203, Edmond, OK, 73003, (405) 285-0546, www.jrcnmt.org. The JRCNMT holds recognition from the Council for Higher Education Accreditation (CHEA).

Applying to the Program

To be considered for selection to the Nuclear Medicine Technology program, applicants must meet the following minimum requirements:

- Meet all Baptist College admission requirements and be accepted to the College. Admission to Baptist College does not guarantee selection to the NMT program.
- Complete at least **24 credit hours** of pre-program coursework as specified by the NMT program.
 - Courses marked with an asterisk in the degree requirements must be completed in the required 24 credit hours.
 - Students will be required to complete all pre-program courses, specified by the NMT program, prior to enrollment into professional NMT courses. Students should earn a "B" or better in all pre-program courses to be competitive.
- Earn a minimum cumulative **GPA of 2.7** (4.0 scale) which only includes grades earned in courses taken at Baptist College as well as grades in courses transferred to Baptist College.
- Submit completed **Intent to Apply to Allied Health Program** and signed Technical Standards forms to their academic advisor. The forms must be submitted **prior to the final applicable published deadline.**

Class size is limited and the selection process is competitive. Academic performance and a general understanding of the NMT profession are strongly

considered during the selection process.

Deadlines for Application to the NMT Program:

A student is considered to be in the pre-NMT program once they are admitted to Baptist College and have declared a major. To progress from a pre-NMT to the professional program, the student must have completed required program pre-requisites and apply for selection into the professional program. All completed applications and supporting documentation must be received or postmarked by the published deadlines to be considered for selection. Cohorts will begin professional course work in the trimester of the year that follows acceptance into the program. For example, if a student is selected in June 2020, the student would start the professional program in summer 2021. The deadline to apply for selection to the professional program is **June 1**. Based on program needs, an **October 1** applicant pool may also be considered.

Selection Process

A selection committee for the NMT professional program will evaluate all completed applications. Applicants meeting the following criteria will receive priority consideration for interviews: current enrollees at Baptist College, applicants with a strong academic background, and applicants completing pre-program courses at institutions with collaborative or articulation agreements. Because selection is competitive, applicants meeting minimum selection criteria are not guaranteed an interview. Some students may choose to indicate interest in more than one program to increase their chances of being accepted during a year of highly competitive applicants.

Selection to the NMT program is based on the following:

- Academic potential for success from the academic record
- Academic strength in previous college coursework, with specific attention given to performance in the pre-program courses
- Past failures affecting cumulative college GPA and pre-program courses may impact selection into the program. Each file will be considered individually.
- Preference may be given to qualified applicants completing courses at Baptist College.
- A written essay and personal interview will be required of each applicant. The written essay will be completed on the campus of Baptist College prior to the personal interview. Students will be evaluated on personal strengths and knowledge of Nuclear Medicine Technology.

Notification of Selection

Applicants will be notified in writing of selection to the NMT program.

Technical Standards

The following technical standards outline reasonable expectations of a student in the Nuclear Medicine Technology program for the performance of common functions. Students enrolled in the NMT program at Baptist College must exhibit and

acknowledge having the abilities and skills according to the standards listed below:

- Ability to communicate with a diverse population and the ability to be easily understood. Reading, writing, and documenting patient information.
- Analytical skills sufficient to process information, to transfer knowledge from one situation to another, and to prioritize tasks.
- Critical thinking ability sufficient for safe, clinical judgment.
- Auditory abilities sufficient to monitor and assess patient needs; to detect and respond to alarms, emergency signals, and calls for help.
- Visual ability sufficient for observation and assessment necessary for the care of patients, processing of medical images, and operation of imaging and medical equipment.
- Tactile ability sufficient to assess patients, perform procedures, and operate equipment.
- Physical ability, flexibility, strength, and stamina sufficient to provide safe and effective care.
- Fine motor abilities sufficient to provide safe and effective care.
- Emotional and mental stability sufficient to establish therapeutic boundaries, to perform multiple tasks concurrently, and to react calmly and effectively in a stressful environment.

Degree Requirements for Bachelor of Health Sciences in Nuclear Medicine Technology

***These courses must be completed as a part of the 24 hours of required pre-program courses to be considered for selection into the Nuclear Medicine Technology Program.**

****These courses must be completed prior to or concurrent with enrollment in professional courses. Students enrolled at Baptist College may take these courses prior to selection to the program. Transfer/articulation agreement students may complete after enrolled at Baptist College, unless an articulation agreement allows for transfer credit for these courses.**

General Education Courses/Pre-Professional Courses

| | | |
|---------------------------|---------------------------------------|---|
| AHS 202 | Medical Terminology | 2 |
| BIO 201* | Anatomy & Physiology I | 4 |
| BIO 202* | Anatomy & Physiology II | 4 |
| BIO 301** | Pathophysiology | 3 |
| BIO 320** | Cross Sectional Anatomy | 2 |
| CHE 115** | College Chemistry I | 4 |
| ENG 101* | English Composition I | 3 |
| ENG 102* | English Composition II | 3 |
| ENG 103 | Writing for Health Care | 1 |
| ENG 201, 202, 203, or 204 | Literature Elective | 3 |
| HSC 104 | Baptist College Experience | 1 |
| HSC 301 | U.S. Health Care Systems | 3 |
| HSC 320 | Research for the Health Professionals | 3 |
| MAT 110/MAT 240 * | College Algebra/Elements of Calculus | 3 |
| PHI 201, 202, or 301 | Philosophy Elective | 3 |
| PHY 305** | Physics I | 4 |
| PHY 315** | Physics II | 4 |

| | | |
|--------------------------------|---|---------------|
| PSY 201 | General Psychology | 3 |
| REL 201, 210, 220, 301, or 302 | Religion Elective | 3 |
| SOC 201 | Introduction to Medical Sociology | 3 |
| SPE 211/COM 220 | Speech Fundamentals/Intercultural Communication | 3 |
| Total | | 62 Hrs |

Nuclear Medicine Technology (NMT) professional courses are offered once a year and specifically sequenced to develop progressively complex competencies by building upon previous courses and experiences. All professional courses in an academic term must be completed satisfactorily in order to progress to subsequent courses in the degree plan. Please refer to the NMT sample degree plan for professional course sequencing.

Professional Courses

| | | |
|--------------|--|---------------|
| AHS 204 | Patient Care | 3 |
| AHS 310 | Medical Informatics | 1 |
| NMT 314 | Foundations of Nuclear Medicine Technology | 3 |
| NMT 322 | Clinical Procedures I | 2 |
| NMT 332 | Nuc Physics and Instrumentation | 4 |
| NMT 352 | Applied Pharmacology | 1 |
| NMT 392 | Introduction to Clinical Practice | 3 |
| NMT 393 | Clinical Practicum I | 4 |
| NMT 423 | Nuclear Cardiology | 2 |
| NMT 425 | Clinical Procedures II | 2 |
| NMT 426 | Clinical Procedures III | 3 |
| NMT 433 | Clinical Procedures IV | 2 |
| NMT 434 | PET Instrumentation/Protocols | 2 |
| NMT 454 | Nuclear Pharmacy | 2 |
| NMT 463 | Research Methods | 1 |
| NMT 472 | Nuclear Medicine Symposium | 3 |
| NMT 494 | Clinical Practicum II | 4 |
| NMT 495 | Clinical Practicum III | 5 |
| NMT 496 | Clinical Practicum IV | 5 |
| RAD 331 | Intro to Radiation Physics | 3 |
| RAD 432 | Radiation Protection & Radiobiology | 3 |
| RAD 481 | CT Instrumentation and Physics | 2 |
| RAD 483 | CT Procedures and Protocols | 2 |
| Total | | 62 Hrs |

Total Hours for Degree Requirement 124

Nuclear Medicine Technology Course Descriptions

NMT 314 Foundations of Nuclear Medicine Technology (3)
Introduction to the basic principles and practice of nuclear medicine technology. Course will also include an introduction to professional organizations, professional issues, and medical ethics/law. **Successful completion of program pre-professional courses or permission of the program chair.**

NMT 322 Clinical Procedures I (2)
Study of the clinical theory as it applies to routine nuclear medicine procedures. Includes development of skills in image analysis, data collection, and case presentations.

NMT 332 Nuclear Physics and Instrumentation (4)
Study of nuclear physics including radionuclide production. Study of the components and performance characteristics of nuclear detectors including statistics of counting, energy spectrum analysis, and theory of processing images, and performance criteria including quality control procedures.

NMT 352 Applied Pharmacology (1)

Study of adjunct medications used in nuclear medicine procedures during an in-vitro, diagnostic imaging, or therapeutic procedure to include preparation, dosage, dose administration, mechanism of action, side effects and patient monitoring. Also included are the preparation and administration of oral and IV contrasts used in the performance of imaging studies.

NMT 392 Introduction to Clinical Practice (3)

An introduction to the basic principles of clinical education. Course will include an overview of commonly performed nuclear medicine procedures, an introduction to health care information and the technology systems used in clinical practice, and radiation safety aspects including radiation monitoring and detection devices. Course includes one credit hour theory and two credit hours supervised clinical experience.

NMT 393 Clinical Practicum I (4)

Clinical experience obtained through assigned clinical rotations in routine and specialty areas. Twenty-four hours of clinical experience per week.

NMT 423 Nuclear Cardiology (2)

Study of the cardiac system with emphasis on nuclear imaging, quantification, and functional analysis. This course provides further development of clinical skills with emphasis on tomographic imaging.

NMT 425 Clinical Procedures II (2)

Continuation of the study of clinical theory as it applies to nuclear medicine procedures including development of skills in image analysis, data collection, and case presentations.

NMT 426 Clinical Procedures III (3)

Continuation of the study of clinical theory as it applies to nuclear medicine procedures including development of skills in image analysis, data collection, and case presentations.

NMT 433 Clinical Procedures IV (2)

Continuation of the study of clinical theory as it applies to nuclear medicine procedures including development of

skills in image analysis, data collection and case presentations.

NMT 434 PET Instrumentation/Protocols (2)

Study of radionuclides and instrumentation used in positron emission tomography (PET) imaging. The basic protocols for PET and PET/CT imaging will be discussed including biomarkers used in molecular imaging.

NMT 454 Nuclear Pharmacy (2)

Study of the chemical and biological aspects of radiopharmaceuticals with emphasis on production of radionuclides, preparation and quality control of radiopharmaceuticals, and dose calculations.

NMT 463 Research Methods (1)

Application of research methods with emphasis on performing a project including data collection, statistical analysis, and developing an abstract represented by a scientific poster.

NMT 472 Nuclear Medicine Symposium (3)

Designed to develop leadership skills essential for the success of the health care professional including completion of a research project. Analysis of the Components of Preparedness published by the Nuclear Medicine Technology Certification Board (NMTCB) and Content Specifications for the NMT exam published by the American Registry of Radiologic Technology (ARRT) will be included.

NMT 494 Clinical Practicum II (4)

Continuation of assigned rotations from Clinical Practicum I. Twenty-four hours of clinical experience per week.

NMT 495 Clinical Practicum III (5)

Continuation of assigned rotations from Clinical Practicum II. Thirty-two hours of clinical experience per week.

NMT 496 Clinical Practicum IV (5)

Continuation of assigned clinical rotations from Clinical Practicum III. Thirty-two hours of clinical experience per week.

RADIATION THERAPY

Mission

The Radiation Therapy program will graduate competent, entry-level radiation therapists to become members of a multidisciplinary healthcare team, providing empathic care and therapeutic treatment to those who have been diagnosed with cancer.

Program Learning Outcomes

Graduates/students of the radiation therapy program will:

- Be clinically competent.
- Communicate effectively.
- Be able to problem solve and critically think.
- Demonstrate professionalism.
- Meet outcomes consistent with JRCERT Standards

See Quick Links on Baptist College website (www.bchs.edu) for student learning outcomes related to educational goals.

Accreditation

The Radiation Therapy program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The contact information for the JRCERT is 20 North Wacker Drive, Suite 2850, Chicago, IL, 60606-3182, www.jrcert.org or call (312) 704-5300.

Applying to the Program

To be considered for selection to the Radiation Therapy program, applicants must meet the following minimum requirements:

- Meet all Baptist College admission requirements and be accepted to the College. Admission to Baptist College does not guarantee selection to the RTT program.
- Complete at least **24 credit hours** of pre-program coursework as specified by the RTT program.
 - Courses marked with an asterisk in the degree requirements must be completed in the required 24 credit hours.
 - Students will be required to complete all pre-program courses, specified by the RTT program, prior to enrollment into professional RTT courses. Students should earn a "B" or better in all pre-program courses to be competitive.
- Earn a minimum cumulative **GPA of 2.7** (4.0 scale) which only includes grades earned in courses taken at Baptist College as well as grades earned in courses transferred to Baptist College.
- Submit completed **Intent to Apply to Allied Health Program** and signed Technical Standards forms to their academic advisor. The forms must be submitted prior to the final applicable published deadline.

Class size is limited and the selection process is competitive. Academic performance and a general understanding of the RTT profession are strongly

considered during the selection process.

Deadlines for Application to the RTT Program:

A student is considered to be in the pre-Radiation Therapy program once they are admitted to Baptist College and have declared a major. To progress from a pre-Radiation Therapy to the professional program, the student must have completed required program pre-requisites and apply for selection into the professional program. All completed applications and supporting documentation must be received or postmarked by the published deadlines to be considered for selection. Cohorts will begin professional course work in the trimester of the year that follows acceptance into the program. For example, if a student is selected in June 2020, the student would start the professional program in Fall 2021. The deadline to apply for selection to the professional program is **June 1**. Based on program needs, an **October 1** applicant pool may also be considered.

Selection Process

A selection committee for the RTT program will evaluate all completed applications in June and October each year. Applicants with a strong academic background and currently enrolled in Baptist College, or completing pre-program courses at institutions with collaborative or articulation agreements, will be given priority for interviews. Applicants meeting minimum selection criteria are not guaranteed an interview.

Selection to the RTT program is based on the following:

- Academic potential for success from the academic record.
- Academic strength in previous college coursework, with specific attention given to performance in the pre-program courses.
- Past failures affecting cumulative college GPA and pre-program courses may impact selection into the program. Each file will be considered individually.
- Preference may be given to qualified applicants completing courses at Baptist College.
- A written essay and personal interview will be required of each applicant. The written essay will be completed on the campus of Baptist College prior to the personal interview.

Notification of Selection

Applicants will be notified in writing of selection to the RTT program.

Technical Standards

The following technical standards outline reasonable expectations of a student enrolled in the radiation therapy program for the performance of common functions.

- Ability to communicate with a diverse population and the ability to be easily understood. Reading, writing, and documenting patient information required.
- Analytical skills sufficient to process information, to transfer knowledge from one situation to another, and to prioritize tasks. Critical thinking ability sufficient for safe, clinical judgment.

- Auditory abilities sufficient to monitor and assess patient needs; to detect and respond to alarms, emergency signals, and calls for help.
- Ability sufficient for observation and assessment necessary for the care of patients, processing of medical images, and operation of medical equipment.
- Ability sufficient to assess patients, perform procedures, and operate equipment.
- Physical ability, flexibility, strength, and stamina sufficient to provide safe and effective care.
- Fine motor abilities sufficient to provide safe and effective care.

Degree Requirements for Bachelor of Health Sciences in Radiation Therapy

***These courses must be completed as a part of the 24 hours of required pre-program courses to be considered for selection into the Radiation Therapy program..**

****These courses must be completed on campus prior to or concurrent with enrollment in professional courses. Students enrolled at Baptist College may take these courses prior to selection to the program. Transfer/articulation agreement students may complete after enrolled at Baptist College, unless an articulation agreement allows for transfer credit for these courses.**

General Education Courses/Pre-Professional Courses

| | | |
|-------------------------------|---|---------------|
| AHS 202 | Medical Terminology | 2 |
| BIO 201* | Anatomy & Physiology I | 4 |
| BIO 202* | Anatomy & Physiology II | 4 |
| BIO 301** | Pathophysiology | 3 |
| BIO 320** | Cross Sectional Anatomy | 2 |
| ENG 101* | English Composition I | 3 |
| ENG 102* | English Composition II | 3 |
| ENG 201, 202, 203, and 204 | Literature Elective | 3 |
| HCM 440** | Legal Environment of Health Care | 3 |
| HSC 104 | Baptist College Experience | 1 |
| HSC 301 | U.S. Health Care Systems | 3 |
| HSC 320** | Research for the Health Professionals | 3 |
| MAT 110/MAT 240* | College Algebra/Elements of Calculus | 3 |
| PHI 301 | Biomedical Ethics and Values | 3 |
| PHY 305** | Physics I | 4 |
| PHY 315** | Physics II | 4 |
| PSY 201 | General Psychology | 3 |
| REL 201, 210, 220, 301 or 302 | Religion Elective | 3 |
| SOC 201** | Introduction to Medical Sociology | 3 |
| SPE 211/COM 220 | Speech Fundamentals/Intercultural Communication | 3 |
| Total | | 60 Hrs |

Radiation Therapy professional courses are offered once a year and specifically sequenced to develop progressively complex competencies by building upon previous courses and experiences. All professional courses in an academic term must be completed satisfactorily in order to progress to subsequent courses in the degree plan. Please refer to the RTT sample degree plan for professional course sequencing.

Professional Courses

| | | |
|---------|-----------------------------------|---|
| AHS 204 | Patient Care | 3 |
| RAD 331 | Introduction to Radiation Physics | 3 |

| | | |
|--|--|----------------|
| RAD 432 | Radiation Protection & Radiation Biology | 3 |
| RAD 481 | CT Instrumentation and Physics | 2 |
| RAD 483 | CT Procedures and Protocols | 2 |
| RTT 310 | Foundations of Radiation Therapy | 3 |
| RTT 385 | Imaging Concepts for Radiation Therapy | 3 |
| RTT 388 | Oncology Patient Care | 2 |
| RTT 389 | Introduction to Clinical Practicum | 3 |
| RTT 392 | Clinical Practicum I | 4 |
| RTT 393 | Clinical Practicum II | 4 |
| RTT 423 | Radiation Therapy Symposium | 2 |
| RTT 424 | Principles and Practice I | 4 |
| RTT 425 | Principles and Practice II | 4 |
| RTT 430 | Radiation Therapy Physics I | 3 |
| RTT 431 | Radiation Therapy Physics II | 3 |
| RTT 432 | Quality Management | 2 |
| RTT 434 | Radiation Therapy Treatment Planning | 3 |
| RTT 492 | Clinical Practicum III | 4 |
| RTT 494 | Clinical Practicum IV | 5 |
| Total | | 62Hrs |
| Total Credit Hours Degree Requirement | | 122 Hrs |

Radiation Therapy Course Descriptions

RTT 310 Foundations of Radiation Therapy (3)
 Course is designed to provide student with an overview of radiation therapy and the practitioner’s role in the health care delivery system. Principles, practices, and policies of health care organizations. Professional responsibilities of the radiation therapist will be discussed.

RTT 385 Imaging Concepts for RTT (3)
 This course is designed to establish a base knowledge of production and recording of radiographic images in radiation oncology. Fundamental concepts of digital image acquisition for simulation and treatment will be discussed. Radiation oncology imaging equipment and related devices will be emphasized.

RTT 388 Oncology Patient Care (2)
 Content is designed to provide students with concepts and competencies in assessment and evaluation of the patient diagnosed with cancer under treatment. Psychological needs, physical needs, psychosocial considerations, and factors affecting treatment outcome will be presented and examined.

RTT 389 Introduction to Clinical Practicum (3)
 Content is designed to provide students with experiential learning experiences for reinforcing concepts and skills learned in Foundations of Radiation Therapy.

RTT 392 Clinical Practicum I (4)
 Clinical experience obtained through assigned rotations in various affiliates. Twenty-four hours of clinic per week.

RTT 393 Clinical Practicum II (4)
 Continuation of assigned rotations from Clinical Practicum I. Twenty-four hours of clinic per week.

RTT 423 Radiation Therapy Symposium (2)
 This course is designed to develop leadership skills essential for the success of the health care professional. The students will review selected procedures with an emphasis on preparation for board exam and will prepare a portfolio.

RTT 424 Principles & Practice of Radiation Therapy I (4)
 Content is designed to examine and evaluate the management of neoplastic disease, while promoting critical thinking and ethical clinical decision making. The epi-

demology, etiology, detection, diagnosis, patient condition, treatment, and prognosis of neoplastic disease will be discussed relative to histology, anatomical site and patterns of spread.

RTT 425 Principles & Practice of Radiation Therapy II (4)

A continuation of clinical theory as it applies to neoplastic disease and treatment. Includes the advance skills needed to analyze complex issues of cancer disease and make informed treatment decision.

RTT 430 Radiation Therapy Physics I (3)

Provides the student with a knowledge of basic radiation therapy physics. Emphasis on atomic structure, radioactivity, properties and production of high energy x-rays, interactions with matter, measurement of beam parameters including QA of linear accelerators. Use of radioisotopes in Brachytherapy and an introduction to external beam treatment planning.

RTT 431 Radiation Therapy Physics II (3)

Continuation of Radiation Therapy Physics I Measurement of absorbed dose, scattering, and other parameters used in external beam treatment planning and its application in common anatomical sites. Physics and dosimetry of electron beams. Emphasis will be on dosage calculations and technical quality assurance in Radiation Therapy.

RTT 432 Quality Management (2)

This course focuses on quality management programs and continuing quality improvements in radiation oncology. To include the need for quality assurance checks in the clinical area; QA evaluations and tests performed on simulators, treatment units, and therapy planning units; legal and regulatory implications for maintaining appropriate QM guidelines.

RTT 434 Radiation Therapy Treatment Planning (3)

Content is designed to establish factors that influence and govern clinical planning of patient treatment. This encompasses isodose descriptions, patient contouring, radiobiologic considerations, dosimetric calculations, compensations and clinical application of treatment beams. Optimal treatment planning is emphasized along with particle beams. Stereotactic and emerging technologies are presented.

RTT 492 Clinical Practicum III (4)

Continuation of assigned rotations from Clinical Practicum II. Twenty-four hours of clinic per week.

RTT 494 Clinical Practicum IV (5)

Continuation of assigned rotations from Clinical Practicum III. Thirty two hours of clinic per week.

RESPIRATORY CARE

Mission

The Respiratory Care program of Baptist College will provide educational content that facilitates student's development of knowledge, skills, and abilities necessary to perform the roles and responsibilities of a baccalaureate-prepared respiratory care practitioner.

Program Learning Outcomes

Upon completion of the Respiratory Care program, the graduates will be able to:

1. Demonstrate competence in the cognitive, psychomotor, and affective learning domains of respiratory care practice as performed by registered respiratory therapists.
2. Demonstrate competence in the interpretation of cardiopulmonary diagnostic testing, basic respiratory care techniques, pulmonary function, radiographic and laboratory studies.
3. Provide basic and advanced respiratory care therapeutics, in a variety of health care settings, with an ability to safely treat and evaluate patients' response.
4. Appropriately implement a plan for patient and staff education initiatives with consideration to culturally competent behaviors and professional domains.
5. Effectively collaborate to provide direction and input into decisions regarding the provision of respiratory care services and resources.

Accreditation

The Respiratory Care program is accredited by the Commission on Accreditation for Respiratory Care (CoARC). The contact information for CoARC is 1248 Harwood Road, Bedford, TX 76021-4244, 817-283-2835, webmaster@coarc.com. CoARC holds recognition from the Council for Higher Education Accreditation (CHEA).

Applying to the Program

To be considered for selection to the Respiratory Care program, applicants must meet the following minimum requirements:

- Meet all Baptist College admission requirements and be accepted to the College. Admission to Baptist College does not guarantee selection to the Respiratory Care program.
- Complete at least **24 credit hours** of pre-program coursework with a "C" or better, as specified by the Respiratory Care program (courses marked with an "asterisk" in the degree requirements must be completed in the required 24 credit hours).
 - Applicants should earn a "B" or better in all pre-program courses, to be competitive.
 - Students will be required to complete all pre-program courses, specified by the Respiratory Care program, prior to enrollment into professional Respiratory Care courses.
- Earn a minimum cumulative **GPA of 2.7** (4.0 scale) which only includes grades earned in courses taken at

Baptist College as well as grades earned in courses transferred to Baptist College.

- Submit completed **Intent to Apply to Allied Health Programs** and signed Technical Standards forms to their academic advisor. The forms are required to be submitted **prior to the final applicable application date (June 1 or October 1)**.

Deadlines for Application for Program Selection:

A student is considered to be in the pre-RCP program once they are admitted to Baptist College and have declared a major. To progress from a pre-RCP to the professional program, the student must have completed required program pre-requisites and apply for selection into the professional program. All completed applications and supporting documentation must be received or postmarked by the published deadlines to be considered for selection. Cohorts will begin professional course work in the trimester of the year that follows acceptance into the program. For example, if a student is selected in June 2020, the student would start the professional program in Fall 2021. The deadline to apply for selection to be professional program is June 1. Based on program needs, an October 1 applicant pool may also be considered.

Selection Process

A selection committee for the Respiratory Care professional program will evaluate all completed applications. Applicants meeting the following criteria will receive priority consideration for interviews: current enrollees at Baptist College, applicants with a strong academic background, and applicants completing pre-program courses at institutions with collaborative or articulation agreements. Because selection is competitive, applicants meeting minimum selection criteria are not guaranteed an interview. Some students may choose to indicate interest in more than one program to increase their chances of being accepted during a year of highly competitive applicants.

The selection committee for the Respiratory Care program will review all completed applications in June and September each year.

- It should be noted that not all applicants who meet minimum selection criteria will be invited for a personal interview.
- Applicants with a strong academic background and currently enrolled in Baptist College, or completing pre-program courses at institutions with collaborative or articulation agreements, will be considered first for interviews.

Selection to the Respiratory Care program is based on the following:

- Academic potential for success based on academic record
- Academic strength in previous college coursework, with specific attention given to performance in the pre-program courses
- Past failures affecting cumulative college GPA and pre-program courses may impact selection

into the program. Each file will be considered individually.

- Preference may be given to qualified applicants completing courses at Baptist College.

Written essay and Personal interview:

- Applicants will be required to complete written essay format questions and personal interview as part of the selection process.
- The written essay will be completed on the campus of Baptist College prior to the personal interview.
- Students will be evaluated on personal strengths and knowledge of Respiratory Care.

Notification of Selection

Applicants will be notified in writing of selection to the Respiratory Care program.

Technical Standards

The following technical standards outline reasonable expectations of a student in the Respiratory Care program for the performance of common functions. Students enrolled in the RC program at Baptist College must exhibit and acknowledge having the abilities and skills according to the standards listed below:

- Ability to communicate with a diverse population and the ability to be easily understood. Reading, writing, and documenting patient information accurately is required.
- Analytical skills sufficient to process information, to transfer knowledge from one situation to another, and to prioritize tasks.
- Critical thinking ability sufficient for safe, clinical judgment.
- Auditory abilities sufficient to assess lung sounds using a stethoscope and without an audible aid, as indicated; to detect and respond to alarms, emergency signals, and calls for help.
- Visual ability sufficient for observation and assessment necessary for the care of patients, processing of medical images, and operation of medical equipment with digital and graphic features.
- Tactile ability sufficient to perform physical assessment of patients' lung and thoracic cage, perform procedures, and operate equipment.
- Physical ability, flexibility, strength and stamina sufficient to provide safe and effective care which may include lifting and transferring medical devices weighing greater than 25 pounds; standing for periods exceeding 30 minutes at a time; and walking cumulative distances of greater than 1 mile with an 8 hour period.
- Fine motor abilities sufficient to perform procedures using small medical devices such as needles and syringes.
- Emotional and mental stability sufficient to establish therapeutic boundaries, to perform multiple tasks concurrently, and to react calmly and effectively in a stressful environment.

Degree Requirements for Bachelor of Health Sciences in Respiratory Care

*Courses marked with an asterisk must be completed in the 24 hours of required pre-program courses to be considered for selection into the RC Program. **These courses must be completed prior to or concurrent with enrollment in professional courses. Students enrolled at Baptist College may take these courses prior to selection to the program. Transfer/articulation agreement students may complete after enrolled at Baptist College, unless an articulation agreement allows for transfer credit for these courses.

General Education Courses/Pre-Professional Courses

| | | |
|--------------------------------|---|---------------|
| AHS 202** | Medical Terminology | 2 |
| BIO 201* | Anatomy & Physiology I | 4 |
| BIO 202* | Anatomy & Physiology II | 4 |
| BIO 205** | Microbiology | 4 |
| BIO 360 | Applied Anatomy & Physiology | 3 |
| CHE 115** | General Chemistry I | 4 |
| ENG 101* | English Composition I* | 3 |
| ENG 102* | English Composition II* | 3 |
| ENG 201, 202, 203 or 204 | Literature Elective | 3 |
| HCM 440** | Legal Environment of Health Care | 3 |
| HSC 104 | Baptist College Experience | 1 |
| HSC 301** | U.S. Health Care Systems | 3 |
| HSC 320 or MAT 211 | Research for the Health Professionals or Statistics | 3 |
| MAT 110/MAT 240* | College Algebra/Elements of Calculus | 3 |
| PHI 301 | Biomedical Ethics/Values | 3 |
| PSY 201 | General Psychology | 3 |
| PSY 301** | Human Growth & Development | 3 |
| REL 201, 210, 220, 301, or 302 | Religion Elective | 3 |
| SOC 201** | Introduction to Medical Sociology | 3 |
| SPE 211/COM 220 | Speech Fundamentals/Intercultural Communication | 3 |
| Total | | 61 Hrs |

Respiratory care professional courses are offered once a year and specifically sequenced to develop progressively complex competencies by building upon previous courses and experiences. All professional courses in an academic term must be completed satisfactorily in order to progress to subsequent courses in the degree plan. Please refer to the RC sample degree plan for professional course sequencing.

Professional Courses

| | | |
|--------------|--|---------------|
| AHS 204 | Patient Care | 3 |
| AHS 390 | Aspects of Leadership | 3 |
| RCP 301 | Clinical Practicum I | 4 |
| RCP 303 | Foundations of Clinical Practice | 2 |
| RCP 307 | Clinical Practicum II | 4 |
| RCP 308 | Pharmacology | 2 |
| RCP 309 | Principles of Mechanical Ventilation | 2 |
| RCP 310 | Foundations of Respiratory Care | 3 |
| RCP 311 | Respiratory Care Theory I | 4 |
| RCP 312 | Respiratory Care Theory II | 4 |
| RCP 353 | Cardiopulmonary Pathophysiology | 3 |
| RCP 357 | Diagnostic Techniques | 2 |
| RCP 401 | Clinical Practicum III | 4 |
| RCP 405 | Clinical Practicum IV | 5 |
| RCP 413 | Respiratory Care Theory III | 4 |
| RCP 416 | Capstone Competency in Respiratory Care | 2 |
| RCP 421 | Clinical Internship in Respiratory Care | 3 |
| RCP 431 | Neonatal/Pediatric Respiratory Care | 3 |
| RCP 433 | Expanded Clinical Practice in Respiratory Care | 2 |
| RCP 435 | Community and Public Health for Respiratory Care | 2 |
| Total | | 61 Hrs |

Total Credit Hours for Degree Requirement **122 Hrs**

Respiratory Care Junior Option Selection & Progress

Purpose

The purpose of the Junior Option track is to provide the opportunity to achieve credentialing status prior to acquisition of the degree. This curriculum is rigorously structured.

The Option

This admission option provides the student earlier eligibility for NBRC credentialing exams and earlier professional employment. It DOES NOT accelerate completion time for the BHS degree. The sequence of classes is rearranged to place many of the liberal arts courses in the senior year which otherwise would be taken in the sophomore year. The course re-sequencing in this option places the required courses for professional preparation into the freshman year with the professional courses offered in the sophomore and junior years. Successful completion of courses makes the student eligible to sit for the NBRC exams after the spring trimester of the junior year. To comply with the Commission on Accreditation for Respiratory Care requirements, the candidate must complete all requirements that would be expected of an individual applying for the credential with an associate's degree in respiratory care.

Selection Method

To be considered for this track:

- Accept the curriculum established for this track, and
- Complete all first year courses with a grade of B or better.

If a student does not meet the first year course GPA requirement, he/she will continue through the traditional curriculum model with entry to the professional component in the junior year.

Respiratory Care Completion Program Registered Respiratory Therapist RRT - BHS

General Studies Courses/Pre-Professional Courses

| | | |
|---------------------------|---|---------------|
| BIO 201 | Anatomy & Physiology I | 4 |
| BIO 202 | Anatomy & Physiology II | 4 |
| BIO 205 | Microbiology | 4 |
| CHE 115 | General Chemistry I | 4 |
| ENG 101 | English Composition I | 3 |
| ENG 102 | English Composition II | 3 |
| ENG 201, 202, 203, or 204 | Literature Elective | 3 |
| HCM 440 | Legal Environment of Health Care | 3 |
| HSC 104 | Baptist College Experience | 1 |
| HSC 301 | U.S. Health Care Systems | 3 |
| MAT 110 | College Algebra | 3 |
| MAT 211 or HSC 320 | Statistics/Research for Health Professionals | 3 |
| PHI 301 | Biomedical Ethics/Values | 3 |
| PSY 201 | General Psychology | 3 |
| PSY 301 | Human Growth & Development | 3 |
| REL 201, 210, 301 or 302 | Religion Elective | 3 |
| SOC 201 | Introduction to Medical Sociology | 3 |
| SPE 211/COM 220 | Speech Fundamentals/Intercultural Communication | 3 |
| Total | | 56 Hrs |

Professional Courses

| | | |
|---------|-----------------------|---|
| AHS 390 | Aspects of Leadership | 3 |
|---------|-----------------------|---|

| | | |
|---------------------|---|---|
| BIO or HCM Elective | Higher Level Science or a HCM Course | 3 |
| BIO 401 or HSC 460 | Special Topics in Biology or Independent Research | 1 |
| ENG 103 | Writing for the Health Sciences | 1 |
| HCM 350 | Organizational Behavior and Development | 3 |
| RCP 421 | Clinical Internship in Respiratory Care | 3 |
| RCP 433 | Expanded Clinical Practice in Respiratory Care | 2 |
| RCP 435 | Community and Public Health for RCP's | 2 |

| | |
|--|----------------|
| Total | 18 Hrs |
| *Professional Experience Block Credit | 48 Hrs |
| Total Credit Hours for Degree Requirement | 122 Hrs |

***Rationale:** Baptist College encourages educational mobility for the practicing professional holding the Registered Respiratory Therapist Credential. This credential is recognized as evidence of advanced competency in the field and serves to award credit for courses listed in this catalog under "Professional Experience Block Credit". The completion of nine hours of credit in residence at a level of "C" or better **and** the submission of a notarized copy of the NBRC certificate or card indicating the NBRC credential awarded allows credit for the following courses: AHS 202 Medical Terminology; AHS 204 Patient Care; RCP 303 Foundations of Clinical Practice; RCP 301 Clinical Practicum I; RCP 307 Clinical Practicum II; RCP 308 Pharmacology; RCP 310 Foundations of Respiratory Care; RCP 311 Respiratory Care Theory I; RCP 312 Respiratory Care Theory II; BIO 360 Applied Anatomy and Physiology; RCP 353 Cardiopulmonary Pathophysiology; RCP 357 Diagnostic Techniques; RCP 401 Clinical Practicum III; RCP 405 Clinical Practicum IV; RCP 413 Respiratory Care Theory II; RCP 431 Neonatal/Pediatric Respiratory Care; RCP 416 Capstone Competency in Respiratory Care.

Respiratory Care Course Descriptions

AHS 390 Aspects of Leadership for Health Sciences Professionals (3)

This course explores attributes and skillsets essential for health science professionals as team member, educator, and leader. Concepts and behaviors relevant to facilitating collaboration; patient/family and peer education; and leadership and management relative to the provision of health services and related financial impact are emphasized.

RCP 301 Clinical Practicum I (4)

Application of client assessment, treatment, and evaluation in the general care environment of the hospital. Reinforcement of concepts and skills learned in current and prior didactic lab courses will be applied. Competency evaluation of Respiratory Care modalities will be completed.

RCP 303 Foundations of Clinical Practice (2)

Course introduces foundational elements of clinical practice. Practicum emphasizes basic assessment of cardiopulmonary function; collection and interpretation of clinical findings; and documentation of assessment findings and respiratory care therapeutics/intervention.

RCP 307 Clinical Practicum II (4)

Application of advanced respiratory care modalities in the critical care environment of the hospital. Reinforcement of concepts and skills learned in current and prior didactic/lab courses will be applied. Competency evaluation of respiratory care modalities will be completed.

RCP 308 Pharmacology (2)

Course covers general principles of pharmacology as well as respiratory, anti-infective, and cardiovascular system drugs. Selected central nervous system, autonomic nervous system, corticosteroid, diuretic, and anti-acid agents as they relate to respiratory and critical care will be discussed.

RCP 309 Principles of Mechanical Ventilation (2)

Course content is a comprehensive study of the physiologic principles and functions relevant to ventilation; impaired ventilation and therapeutic interventions; and indications for mechanical ventilation.

RCP 310 Foundations of Respiratory Care (3)

A study of the fundamental laws and theories of chemistry, physics, and patient care procedures as related to respiratory care. Two hours of lecture and three hours of laboratory per week. **Successful completion of all program prerequisites or permission of program chair.**

RCP 311 Respiratory Care Theory I (4)

Study of respiratory care modalities, equipment design and operation, up to mechanical ventilatory support. Three hours of lecture and three hours of laboratory per week.

RCP 312 Respiratory Care Theory II (4)

Study of the initiation, implementation, and discontinuation of adult mechanical ventilation. Includes identification and treatment of respiratory failure in the adult. ACLS Certification is included. Three hours of lecture and three hours of laboratory per week.

RCP 353 Cardiopulmonary Pathophysiology (3)

A study of the anatomical alterations of the heart and lungs caused by different disease processes. Includes etiology, clinical manifestations, diagnosis, and treatment of various cardiopulmonary diseases.

RCP 357 Diagnostic Techniques (2)

A study of pulmonary function testing techniques and equipment, including clinical test methods commonly employed in the measurement of lung volumes, capacities, and flows. Interpretation of the electrocardiogram is included.

RCP 401 Clinical Practicum III (4)

Application of advanced respiratory care modalities in the critical care, neonatal intensive care, and home care settings. Reinforcement of concepts and skills learned in current and prior didactic lab courses will be applied. Competency evaluation of respiratory care modalities will be completed.

RCP 405 Clinical Practicum IV (5)

Application of specialty care modalities within and beyond the acute care setting. Reinforcement of concepts and skills learned in current and prior didactic/lab courses will be applied. Competency evaluation of respiratory care modalities will be completed.

RCP 413 Respiratory Care Theory III (4)

Study of adult mechanical ventilation and cardiac/pulmonary monitoring techniques that are used in critical care settings, including hemodynamics as well as

fluid and electrolyte balance. Three hours of lecture and one hour of laboratory per week.

RCP 416 Capstone Competency in Respiratory Care (2)

Comprehensive assessment of knowledge-base and skillset requirements essential to clinical practice and workforce readiness; includes student-driven facilitation of current trends and needs in professional practice.

RCP 421 Clinical Internship in Respiratory Care (3)

Provides an opportunity for intensive study and experience in an area of the student's choice. Can include, but is not limited to, research, education, management, business, neonatal care, ECMO, subacute/home care, physician office practice, case management, diagnostics, hyperbaric medicine, or polysomnography.

RCP 431 Neonatal/Pediatric Respiratory Care (3)

Study of fetal development and the transition to extrauterine environment. Includes the most common cardiopulmonary birth defects, neonatal and pediatric disease processes, and the appropriate mode of treatment.

RCP 433 Expanded Clinical Practices in Respiratory Care (2)

Course provides an overview of the roles of respiratory care practitioners beyond that of the traditional acute care environment. Content explores roles and responsibilities relative to cardiopulmonary rehabilitation; home and palliative care; primary care; case management; and polysomnography.

RCP 435 Community and Public Health for the Respiratory Care Practitioner (2)

Course introduces key aspects relevant to community health and roles of respiratory care practitioners in health maintenance, prevention, mitigation, and promotion. Course content emphasizes: evidence-based disease management; cultural and socioeconomic considerations for community health; emergency management/preparedness models; financial impact of community health and wellness; health services collaborations; and utilization of technology.

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